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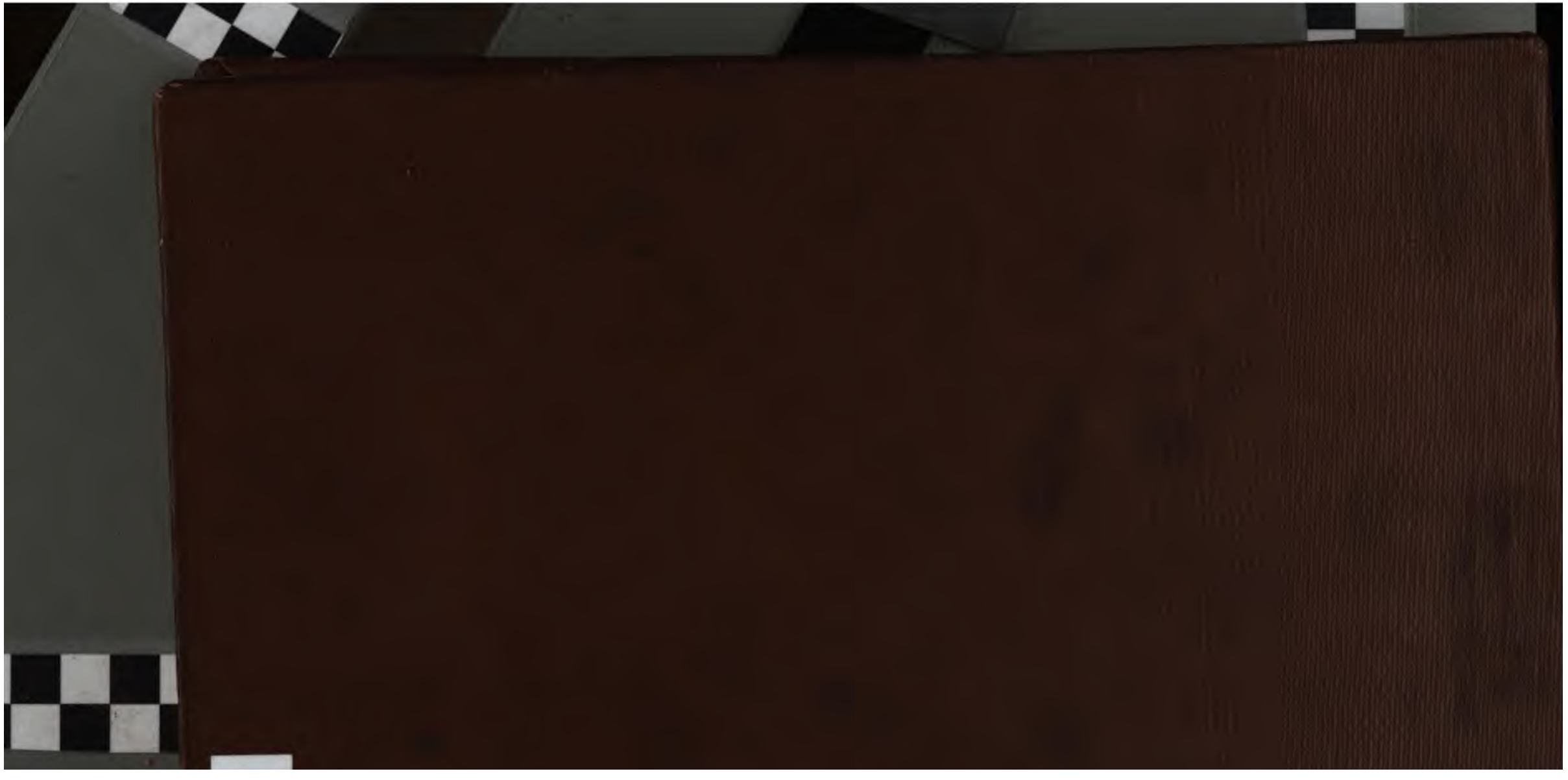

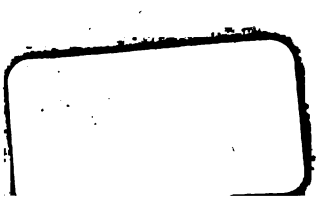

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METALLURGICAL RECORD

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TOGETHER WITH

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COMMERCIAL, CORPORATION AND MINING LAWS

OF THE

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INTRODUCTORY AND EXPLANATORY.

THE RECORD is divided into four departments, viz: Laws; Alphabetical, Detail and Classified lists.

The laws have been prepared especially for this publication, those of Mexico having been translated from the Spanish, and the digests of the commercial, corporation and mining laws of the States, Territories and Provinces of the United States and Canada were written by resident attorneys of acknowledged ability. Attention is called to the manner in which laws are indexed, enabling one to locate the matter or subject sought by glancing at the index at beginning of law.

In the "Alphabetical List" all companies and individuals are arranged in alphabetical order by products, industries or callings, giving name of company or individual, and location of principal office, thus forming a complete index to the Detail list.

The "Detail List," arranged by countries and States, Territories and Provinces, and each of these by towns and names in alphabetical order, gives each town where industries or individuals are located, its county—except in the case of Mexico, where the towns are followed by the name of the State wherein they are situate—population thus, "Pop. 1000." Money order postffice thus, "M. O." Telegraph office thus, "Tel." Railway or waterway thus, "Ry. 100," the number referring to corresponding number in "Index to Railways and Waterways," where name is given as well as that of the express company doing business at the point; the postoffice address where place given is not a postoffice, and the nearest shipping and banking points when place given be without either convenience.

This is followed by the name of operators and professionals, with information intended to give a brief abstract of the business done by companies or individuals, embracing at location of principal office name of company or individual, names and titles of officers, capital stock or capital, nature of business and location of works or properties. At the works or property's address is given the name of company or individual operator, with location of principal office, name and kind of works, character of product and annual output in tons of ore, etc., or tons, perch, cords, or feet of stone, number of days worked per annum, number of employes, kind of power used and name of superintendent.

That more detail information is not given in the present volume is owing to several causes, chief among which are, our correspondents often misunderstanding the nature of our inquiries, and thinking all we required was the name and address of company or individual. The dullness in the silver mining industry, for the past three years, rendered many hithcrto valuable mines barren of any information save the name and location, and the same is true of the iron mining and stone quarrying industries, as well as some other lines listed. We are pleased to state, however, that there is a better feeling among mining interests than has been known for some time, and we trust to be able to add very materially to the volume of information in the next issue.

On the other hand we have had properties reported as mines which, upon investigation, we found to be but claims or prospects, and whenever we have ascertained such to be the case we have so marked them.

Every name listed in the work has been verified so far as possible, each company or individual given having been communicated with either by letter or personally, and a great number by both methods, so that we are reasonably certain the lists are correct. The professional men listed have been recommended to us by persons engaged in mining or quarrying as being reliable and capable in their respective professions, and as it is our desire to make the publication a standard authority, we desire only the names of such for insertion, and should the name of any unworthy person appear in the list of professionals we will be greatly obliged to be informed of the fact at the earliest possible moment, that we may investigate the matter.

Following the Detail is the "Classified List" of machinery and supply houses, and professional men, which is intended for the exclusive benefit of advance subscribers, and will be a ready reference for persons desiring to know where to obtain any kind of machinery, supplies or professional services.

CHICAGO, Ill., U. S. A., THE MINE AND QUARRY NEWS BUREAU.

INDEX

— OF —

RAILWAYS, WATERWAYS AND EXPRESS COMPANIES

NOTE.—The figures following "Ry." after name of a town in alphabetical or detail lists correspond with numbers of railways and waterways in this index, showing on which of such said town is located.

1. Abbeville & Waycross RR. Southern Express.
2. Abbeville So. Ry. So. Express. (Plant System.)
3. Abbotsford & Northeastern RR. National Express.
4. Addison & Pennsylvania Ry. W., F. & Co. Exp.
5. Adirondack Ry. Adirondack Express.
5a. Akron & Cuyahoga Falls Ry. Am. Ex.
5b. Akron, Bedford & Cleveland Ry. Am. Ex.
6. Alabama & Vicksburg Ry. So. Ex. (Q. & C. Route.)
7. Alabama Great So. Ry. So. Ex. (Q. & C. Route.)
8. Alabama Midland Ry. So. Ex. (Plant System.)
9. Alabama River.
10. Albert Lea Route. American Express.
11. Alberta Southern Ry. Canadian Express.
12. Alberta Ry. & Coal Co. Great Falls & Canada Ex.
13. Albia & Centerville Ry. U. S. Ex. (Iowa Central).
14. Alleghany & Kinzua RR.
14a. Allegheny & South Side Ry.
15. Alleghany Valley Ry. Adams Express.
16. Alliance & Northern RR. Adams Express.
16a. Altamont & Manchester R.R.
17. Altoona & Phillipsburg Connecting RR. Am. Ex.
18. Altoona, Clearfield & Northern RR. Adams Express.
19. Amite River. (Louisiana.)
20. Annapolis, Washington & Balt. RR. Ad. and U. S. Ex.
20a. Ann Arbor R.R. Am. Ex.
20b. Ann Arbor & Ypsilanti Ry. U. S. Ex.
21. Apalachicola River. (Florida.)
21a. Arcata & Mad River R.R. W., F. & Co.'s Ex.
22. Arizona & New Mexico Ry. W., F. & Co. Ex.
23. Arizona & Southeastern Ry. W., F. & Co. Ex.
24. Arkansas & Louisiana Ry. W., F. & Co. Ex.
25. Arkansas Midland RR. Pacific Express.
26. Arkansas River.
27. Arkansas Southern RR.
28. Arrow Lakes—Upper and Lower. (British Columbia.)
29. Ashland Coal & Iron Ry. Adams Express.
30. Ashville & Coosa Ry. Southern Express.
31. Atchison, Topeka & Santa Fe RR. W., F. & Co. Ex.
32. Atlanta & Florida Ry. Southern Ex. (Southern.)
33. Atlanta & West Point RR. Southern Express.
34. Atlantic & Danville Ry. Southern Express.
35. Atlantic & Lake Superior Ry. Canadian Express.
36. Atlantic & North Carolina RR. Southern Express.
37. Atlantic & Pac. RR. W., F. & Co. Ex. (A., T. & S. Fe.)
38. Atlantic City RR. United States Express.
39. Atlantic Coast Line. Southern Express.
40. Atlantic Ocean.
41. Atlantic, Suwanee River & Gulf Ry. Southern Ex.
42. Augusta & Asheville Short Line. Southern Express.
43. Augusta Southern RR. Southern Express.
44. Au Sable & Northwestern Ry. American Express.
45. Austin & Northwestern RR. Wells, Fargo & Co. Ex.
46. Baltimore & Annapolis Short Line RR. U. S. Ex.
47. Baltimore & Delaware Bay RR. Adams Express.
48. Baltimore & Lehigh Ry. Adams Express.
49. Baltimore & Ohio RR. United States Express.
50. Baltimore & Ohio Southwestern Ry. U. S. Ex.
51. Baltimore & Potomac RR. Ad. Ex. (Penn. RR.)
52. Baltimore, Chesapeake & Atlantic Ry. Adams Ex.
53. Bangor & Aroostook RR. American Express.
54. Bangor & Portland Ry. Adams and United States Expresses.
55. Barclay RR. United States Express.
55a. Bare Rock Ry.
56. Barnegat RR. Adams Express. (M. & L. B. T. Co.)
57. Barre RR. American Express.
58. Bath & Hammondsport RR. U. S. and W.,F.& Co. Ex.
58a. Battle Mountain & Lewis Ry.
58b. Bay of Fundy Ry.
59. Bay of Quinte Ry. & Navigation Co. Canadian and Dominion Expresses.
60. Beattyville & Cumberland Gap RR. Adams Express.
60a. Beaver Creek Ry.
61. Beaver & Elwood RR. American Express.
62. Bedford Belt Ry.
63. Beech Creek RR. American Express.
64. Bellaire, Zanesville & Cincinnati Ry. Adams Ex.
65. Bellefonte Central RR. Adams Express.
66. Bellingham Bay & British Columbia RR. Dominion Express. (Operated by Great Northern Ry.)
66a. Bellingham Bay & Eastern R.R.
67. Bennington & Rutland Ry. National Express.
68. Bentonville RR. Wells, Fargo & Co. Express.
69. Big Four Route. American Express.
70. Big Stone Gap & Powell's Valley Ry. Southern Ex.
70a. Big Sandy River R.R.
71. Birmingham & Atlantic RR. Southern Express.
72. Birmingham, Selma & New Orleans Ry. So. Ex.
73. Birmingham, Sheffield & Tennessee River Ry. So Ex.
74. Black Hills & Fort Pierre Ry. American Express.
75. Black Hills Line, Am. Ex. (F., Elk. & Mo. Val. RR.)
76. Blair Line. American Express. (K. C., O. & S. Ry.)
77. Bloomsburg & Sullivan RR. United States Express.
78. Blue Ridge RR. Southern Express.
79. Blue Ridge & Atlantic RR. Southern Express.
80. Bluff Line. American Express.
80a. Bodie & Benton R.R. W. F. & Co.'s Ex.
80b. Boone Valley Coal & Ry. Co. Am. Ex.
81. Boston & Albany RR. Adams and American Ex's.
82. Boston & Maine RR. American Express.
83. Boston, Revere Beach & Lynn RR. Bos. Local Ex.
84. Boyne City & Southeastern RR. Adams Express.
85. Bradford, Bordell & Kinzua Ry. W., F. & Co. Ex.
86. Brainerd & Northern Minnesota Ry. Brainerd & Northern Minnesota Express.
87. Brazos River. (Texas.)
87a. Breckenridge R.R.
88. Bridgton & Saco River RR. American Express.
88a. Brighton & Lansing R.R.
89. Brinkley, Helena & Indian Bay RR. Pacific Express.
90. Bristol RR.
91. Bristol, Elizabethton & North Carolina Ry. So. Ex.
92. Brockville, Westport & Sault Ste. Marie Ry. Dom. Ex.
93. Brooklyn & Brighton Beach RR. Long Island Ex.
94. Brownstone & Middletown RR.
95. Brunswick & Western RR. So. Ex. (Plant System.)
96. Buffalo & Susquehanna RR. American Express.
97. Buffalo, Attica & Arcade RR. American Express.
98. Buffalo, Rochester & Pittsburg Ry. American Ex.
99. Burlington & Mo. River Ry. in Neb. Ad. Ex. (Bur. Rt.)
100. Burlington & N. W. Ry. Ad. Ex. (Bur. Route.)
101. Burlington & Western Ry. Ad. Ex. (Bur Route.)
102. Burlington, Cedar Rapids & Northern Ry. U. S. Ex.
103. Burlington Route. Adams Express.
104. Butte, Anaconda & Pacific Ry. Gt. Northern Ex.
105. Cairo RR.
106. Cairo Short Line. Am. Ex. (St. L., A. & T. H. Ry.)
106a. Caldwell & Northern R.R.
107. California & Nevada RR.
108. Calgary & Edmonton Ry. Dom. Ex. (Can. Pac.)
109. Calgary & Fort Macleod Ry. Dom. Ex. (Can. Pac.)
109a. Caloosahatchee River.
110. Camden & Atlantic RR. Adams and Camden & Atlantic Expresses.
111. Canada Atlantic Ry. Canadian Express.
112. Canada Eastern Ry. Canadian Express.
113. Canadian Government Rys. Can. and Dom. Ex's. (Operated by Inter-Col. and P. E. I. Rys.)
114. Canadian Pacific Ry. Dominion Express.
114a. Canton & Masillon R.R. Am. Ex.
115. Cape Charles Route. Ad. Ex. (N. Y., P. & N. RR.)
116. Cape Fear & Yadkin Valley Ry. Southern Express.
117. Cape May, Delaware Bay & Sewell's Point RR.
118. Caraquet Ry.
119. Carillon & Grenville Ry.
120. Carolina Central RR. So. Ex. (Seaboard Air Line.)
121. Carolina, Cumberland Gap & Chicago Ry. So. Ex.
122. Carolina, Knoxville & Western Ry. Southern Ex.
123. Carolina Midland Ry. Southern Express.
124. Carrabelle, Tallahassee & Georgia RR. Southern Ex.
125. Carson & Colorado RR. Wells, Fargo & Co. Express.
125a. Carthage & Western R.R.

125. Carthage RR. Southern Ex. (Seaboard Air Line.)
125a. Catasauqua & Fogelsville R.R. U. S. Ex.
127. Catskill Mountain Ry. American Express.
127a. Cedar Rapids & Marion R.R.
128. Central New York & Western RR. American and United States Expresses.
129. Central Ontario Ry. Canadian Express.
130. Central Pennsylvania & Western RR. Adams Ex.
131. Central RR. of Georgia. Southern Express.
132. Central Ry. of New Brunswick. Canadian Express.
133. Central RR. of New Jersey. United States Express.
134. Central RR. of Pennsylvania. American Express.
135. Central RR. of So. Carolina, So. Ex. (At. Coast Line.)
136. Central Vermont RR. American and National Ex's.
137. Central Washington RR. N. P. Ex. (N. P. RR.)
138. Centralia & Chester RR. Adams Express.
139. Chambersburg & Gettysburg RR. Adams Express.
140. Charleston & Savannah Ry. So. Ex. (Plant System.)
141. Charleston, Clendenin & Sutton RR.
142. Chateaugay RR. National Express.
143. Chattanooga & Lookout Mountain Ry. Southern Ex.
144. Chattanooga, Rome & Columbus RR. Southern Ex.
145. Chattanooga Southern Ry. Southern Express.
146. Cheraw & Chester RR. Southern Express.
147. Cheraw & Darlington RR. So. Ex. (At. Coast Line.)
148. Cheraw & Salisbury RR. So. Ex. (At. Coast Line.)
149. Chesapeake & Nashville Ry. Adams Express.
150. Chesapeake & Ohio Ry. Adams Express.
150a. Chesapeake & Western Ry.
151. Chesapeake, Ohio & Southwestern RR. Southern Ex.
152. Chester & Lenoir RR. Southern Express.
152. Chester, Perryville, Ste. Genevieve & F. Ry. Am. Ex.
154. Chicago & Alton RR. United States Express.
154a. Chicago & Calumet Terminal Ry.
155. Chicago & Eastern Illinois RR. American Express.
156. Chicago & Erie RR. Wells, Fargo & Co. Express.
157. Chicago & Grand Trunk Ry. National Express.
158. Chicago & Kenosha Ry.
159. Chicago & Northern Pacific RR. Northern Pac. Ex.
160. Chicago & Northwestern Ry. Am. Ex. (N. W. Line.)
161. Chicago & Southeastern Ry. Adams Express.
162. Chicago & Southeastern Ry. (Indiana.) U. S. Ex.
163. Chicago & Texas RR. Adams Express.
163a. Chicago & Western Indiana Ry.
164. Chicago & West Michigan Ry. American Express.
165. Chicago, Bur. & K. C. Ry. Ad. Ex. (Bur. Route.)
166. Chicago, Bur. & Northern RR. Ad. Ex. (Bur. Route.)
167. Chicago, Bur. & Quincy RR. Ad. Ex. (Bur. Route.)
168. Chicago, Detroit & Niagara Falls Short Line.
169. Chicago, Fairchild & Eau Claire River RR.
170. Chicago, Fort Madison & Des Moines Ry. Am. Ex.
171. Chicago Great Western Ry. United States Express.
172. Chicago, Iowa & Dakota Ry. American Express.
173. Chicago, Kalamazoo & Saginaw Ry. American Ex.
174. Chicago, Milwaukee & St. Paul Ry. United States Ex.
175. Chicago, Paducah & Memphis RR. Adams Express.
176. Chicago, Peoria & St. Louis Ry. Ad. and Am. Ex's.
177. Chicago, Rock Island & Pacific Ry. U. S. Ex.
178. Chicago, Rock Island & Texas Ry. United States Ex.
179. Chicago, St. L. & Pittsburg RR. Ad. Ex. (Penn. Co.)
180. Chicago, St. Paul, Minneapolis & Omaha Ry. American Express. (Operated by Northwestern Line.)
181. Chickamauga & Durham RR. Southern Express.
182. Chino Valley RR. Wells, Fargo & Co. Express.
183. Chippewa River & Menomonie Ry.
184. Choctaw, Oklahoma & Gulf RR. W., F. & Co. Ex.
185. Cincinnati & Kentucky Southern RR.
186. Cincinnati & Muskingum Valley Ry. Adams Express.
187. Cincinnati & Westwood RR. United States Express.
188. Cincinnati, Dayton & Chicago RR. United States Ex.
189. Cincinnati, Georgetown & Portsmouth RR. Cincinnati, Georgetown & Portsmouth Express.
190. Cincinnati, Hamilton & Dayton RR. U. S. Ex.
191. Cincinnati, Jackson & Mackinaw Ry. American Ex.
192. Cincinnati, Lebanon & Northern Ry. American Ex.
193. Cincinnati, N. O. & Tex. Pac. Ry. Adams & So. Ex. (Q. & C.)
194. Cincinnati Northwestern Ry. United States Express.
195. Cincinnati, Portsmouth & Virginia RR. Adams Ex.
196. Cincinnati, Saginaw & Mackinaw RR. National Ex.
197. Cin., Wab. & Mich. Ry. Am. Ex. (C., C., C. & St. L.)
197a. Clarendon & Pittsford Ry.
198. Clarion River Ry.
199. Clendenin & Spencer RR.
200. Cleveland, Akron & Columbus Ry. Adams Express.
201. Cleveland & Marietta Ry. American Express.
201a. Cleveland & Pittsburg Ry. Ad. Ex.
202. Cleveland, Canton & Southern RR. American Ex.
203. Cleveland, Cincinnati, Chicago & St. Louis Ry. American Express.
204. Cleveland, Lorain & Wheeling Ry. United States Ex.
204a. Cleveland Terminal & Valley R.R. U. S. Ex.
205. Clover Leaf Route. Nat. Ex. (Toledo, St. L. & K. C.)
206. Colorado Eastern Ry.
207. Colorado Midland RR. Wells, Fargo & Co. Express.
208. Colorado River.
209. Colorado River. (Texas.)
209a. Colorado, Wyoming & Great Northern Ry.
210. Columbia & Kootenay Ry. (Nelson & Fort Sheppard.)
211. Columbia & Puget Sd. RR. N. P. Ex. (Ore. Imp. Co.)
212. Columbia, Newberry & Laurens RR. Southern Ex.
213. Columbia River. (British Columbia, Washington and Oregon.)
214. Columbus, Hocking Valley & Toledo Ry. Adams Ex.
215. Columbus, Sandusky & Hocking Ry. Wells, Fargo & Co. Express.
216. Columbus Southern Ry. Southern Express.
217. Colusa & Lake RR. Wells, Fargo & Co. Express.
218. Concord & Montreal RR. Am. Ex. (Bos. & Maine.)
219. Connecticut River.
220. Cooperstown & Charlotte Valley RR. National Ex.
221. Coos Bay, Roseburg & Eastern RR. & Nav. Co. Wells, Fargo & Co. Express.
222. Cornwall RR. United States Express.
223. Cornwall & Lebanon RR. Adams Express.
223a. Coronado R.R. W. F. & Co.'s Ex.
224. Cotton Belt Route. Pacific Express.
225. Coudersport & Port Alleghany RR. American Ex.
226. Covington, Flemingsburg & Ashland RR. Adams Ex.
227. Crooked Creek RR.
228. Crown Point Iron Co.'s RR. National Express.
229. Crystal Ry. Pacific Express.
230. Cumberland Ry. Canadian Express.
231. Cumberland River. (Tennessee.)
232. Cumberland & Pennsylvania RR.
233. Cumberland Gap Despatch. Ad. & So. Ex. (N. & W.)
234. Cumberland River & Tennessee RR.
235. Cumberland Valley RR. Adams Express.
236. Daguscanonda RR.
236a. Dakota, Wyoming & Missouri River R.R.
237. Dansville & Mount Morris RR. W., F. & Co. Ex.
238. Danville & Western Ry. Southern Express.
239. Dardanelle & Russellville Ry.
240. Darien & Western RR. Southern Express.
241. Dayton & Union RR. U. S. Ex. (C., C., C. & St. L.)
241a. Dayton Coal & Iron Co.
242. Dayton, Lebanon & Cincinnati RR. United States Ex.
243. Delaware & Hudson RR. Nat. and Adirondack Ex's.
244. Delaware, Lackawanna & Western RR. U. S. Ex.
245. Delaware River.
246. Delaware River RR. West Jersey Express.
247. Delaware River & Lancaster Ry.
248. Delaware, Susquehanna & Schuylkill RR.
249. Denver & Rio Grande RR. Denver & Rio Grande Ex.
250. Denver, Lakewood & Golden RR. Pacific Express.
251. Denver, Leadville & Gunnison Ry. Pacific Express.
252. Denver, Texas & Fort Worth RR. Denver & Rio Grande Express. (Operated by U. P., D. & R. G.)
253. Des Moines & Kansas City Ry. Adams Express.
254. Des Moines, Northern & Western RR. U. S. Ex.
255. Detroit & Mackinac Ry. American Express.
256. Detroit, Grand Haven & Milwaukee Ry. Nat. Ex.
257. Detroit, Lansing & Northern RR. American Express.
258. Detroit River.
259. Dominion Atlantic Ry. Maritime Express.
260. Dover & Statesboro RR. Southern Express.
261. Drummond County Ry. Canadian Express.
262. Dry Fork RR. Adams Express.
263. Duluth & Iron Range RR. United States Express.
264. Duluth & Winnipeg RR. Duluth & Winnipeg Ex.
265. Duluth, Missabe & Northern Ry. American Express.
265a. Duluth, Mississippi River & Northern Ry.
266. Duluth, Red Wing & Southern RR. American Ex.
267. Duluth, South Shore & Atlantic Ry. Western Ex.
267a. Duluth Terminal Ry.
267b. Duluth Transfer Ry.
268. Dunkirk, Alleghany Valley & Pittsburg RR. Am. Ex.
269. Durham & Northern Ry. So. Ex. (Seaboard Air Line.)
270. Eagles Mere RR.
271. East & West RR. Southern Express.
272. East Broad Top RR.
273. Eastern Kentucky Ry. Adams Express.
274. Eastern Minnesota Ry. G. N. Ex. (G. N. Ry.)
275. Eastern Ohio RR. United States Express.
276. East Louisiana RR. Southern Express.
277. Easton & Amboy RR. United States Express.
277a. East St. Louis & Carondelet R.R.
278. East Tennessee & Western North Carolina RR. Southern Express.
279. East Tennessee, Virginia & Georgia Ry. Southern Express. (Southern.)
279a. East Walker River. (Calif.)
280. Eel River & Eureka RR. Wells, Fargo & Co. Ex.
281. Elgin & Havelock Ry. Dominion Express.
282. Elgin, Joliet & Eastern Ry. United States Express.
283. Elkhart & Western RR. American Express.
284. Elkhorn Valley Line. Am. Ex. (F., Elk. & Mo. Val.)
285. Ellaville, Westlake & Jennings RR.
286. Elmira, Cortland & Northern RR. National Express.
287. Emporium & Rich Valley RR.
288. Erie & Huron Ry. Dominion Express.
288a. Erie & Pittsburg R.R.
289. Erie & Wyoming Valley RR. Wells, Fargo & Co. Ex.
290. Erie Canal.
291. Erie Lines. Wells, Fargo & Co. Express.
292. Esquimalt & Nanaimo Ry.
293. Eureka & Palisade RR. Wells, Fargo & Co. Express.
294. Eureka Springs Ry. Wells, Fargo & Co. Express.
295. Evansville & Indianapolis RR. American Express
296. Evansville & Richmond RR. Adams Express.
297. Evansville & Terre Haute RR. Adams Express.
298. Evansville Route. American Express.

298a. Evansville Suburban & Newburg R.R.
299. Everett & Monte Cristo Ry. Northern Pacific Ex.
300. Excelsior Springs RR. Pacific Express.
301. Fairhaven & Southern RR. G. N. Ex. (Gt. Northern.)
302. Fall Brook Ry. American Express.
303. Farmville & Powhatan RR. Southern Express.
304. Findlay, Fort Wayne & Western Ry. American Ex.
305. Fitchburg RR. American and National Expresses.
306. Flint & Pere Marquette RR. American Express.
307. Florence & Cripple Creek RR. D. & R. G. Ex.
308. Florida East Coast Ry. Southern Express.
309. Florida Midland Ry. Southern Express.
310. Florida Central & Peninsular RR. Southern Express.
311. Florida Southern RR. Southern Ex. (Plant System.)
312. Fonda, Johnstown & Gloversville RR. Am. Ex.
313. Forest City & Sioux City RR.
314. Fort Wayne, Cincinnati & Louisville RR. U. S. Ex.
315. Fort Wayne, Terre Haute & S. W. Ry. Adams Ex.
316. Fort Worth & Denver City Ry. Pacific Express.
317. Fort Worth & New Orleans Ry. Wells, Fargo & Co. Express. (Operated by Hous. & Tex. Cent.)
318. Fort Worth & Rio Grande Ry. Pacific Express.
319. Fountain Head RR.
320. Franklin & Megantic RR. Franklin & Megantic Ex.
321. Fraser River. (British Columbia.)
322. Fremont, Elkhorn & Missouri Valley RR. American Express. (Operated by Northwestern Line.)
323. Fulton County Narrow Gauge Ry. Adams Express.
324. Gadsden & Attalla Union Ry. Southern Express.
325. Gainesville, Rocky Point & Micanopy RR. So. Ex.
326. Galesburg, Etherley & Eastern RR.
327. Galveston & Western Ry. Southern Express.
328. Galveston, La Porte & Houston RR. American Ex
329. Genesee & Wyoming Valley Ry. American Express
330. George's Creek & Cumberland RR.
331. George's Valley RR. American Express.
332. Georgetown & Western RR. Southern Express.
332a. Georgia & Alabama R.R. S. Ex.
333. Georgia RR. Southern Express.
334. Georgia, Carolina & Northern Ry. Southern Express. (Operated by Seaboard Air Line.)
335. Georgia, Midland & Gulf RR. Southern Express.
336. Georgia Northern RR. Southern Express.
337. Georgia Southern & Florida RR. Southern Express.
338. Gila Valley, Globe & Northern Ry. W., F. & Co. Ex.
339. Glendon & Gulf RR.
339a. Glen Haven R.R.
340. Glen Springs RR.
341. Grafton & Brunswick RR.
342. Grafton & Upton RR. Adams Express.
343. Grand Rapids & Indiana RR. Adams Express.
344. Grand Trunk Ry. National and Canadian Expresses.
344a. Grassy Island R.R.
345. Great Falls & Canada Ry. Great Falls & Canada Ex.
346. Great Northern Ry. Line. Great Northern Express.
347. Great Salt Lake & Hot Springs Ry.
348. Great Southern Despatch. Adams and Southern Expresses. (Operated by Norfolk & Western.)
349. Green Bay, Winona & St. Paul RR. U. S. Ex.
350. Greenfield & Northern RR. Adams and Southern Expresses. (Operated by Kan. C., Ft. S. & Mem.)
351. Green Ridge RR.
352. Green River. (Kentucky.)
353. Greenwich & Johnsonville Ry. National Express.
354. Gulf & Chicago RR. Southern Express.
355. Gulf, Beaumont & Kansas City Ry. W., F. & Co. Ex.
356. Gulf, Colorado & Santa Fe Ry. Wells, Fargo & Co. Express. (Operated by A., T. & S. F.)
357. Gulf of Georgia. (Pacific Ocean, British Columbia.)
358. Gulf of Mexico.
358a. Gulf of St. Lawrence.
359. Gunpowder Valley RR. Adams Express.
359a. Hamilton, Grimsby & Beamsville Ry.
360. Hamilton & Kingston RR. Adams Express.
361. Hancock & Calumet RR.
362. Hannibal & St. Joseph RR. Ad. Ex. (Bur. Route.)
363. Harriman Coal & Iron Ry.
364. Hartwell RR. Southern Express.
365. Hawkinsville & Florida Southern Ry.
366. Hearne & Brazos Valley RR.
366a. Hecla & Torch Lake Ry.
366b. Hendersonville & Brevard R.R.
367. Hidalgo & Northeastern RR. Hidalgo Express.
368. Hollins, Heflin & Sylacauga RR. Southern Express.
369. Hoosac Tunnel & Wilmington RR. Hoosac Tunnel & Wilmington Express.
370. Hoosac Tunnel Route. American and National Ex's.
371. Hot Springs RR.
372. Houck's Missouri & Arkansas RR.
373. Houston & Shreveport RR. Texas Express.
374. Houston & Texas Central RR. W., F. & Co. Ex.
375. Houston, East & West Texas Ry. Texas Express.
376. Hudson River. (New York.)
377. Humeston & Shenandoah RR. Adams Express.
378. Hunter's Run & Slate Belt RR. United States Ex.
379. Huntington & Broad Top Mountain RR. Adams Ex.
380. Hutchinson & Southern RR. United States Express.
381. Illinois Central RR. American Express.
382. Illinois River.
382a. Illinois Western Ry.
383. Indiana & Illinois Southern RR. Adams Express.
384. Indiana, Decatur & Western Ry. American Express.
385. Indiana, Illinois & Iowa RR. Adams Express.
386. Indian Springs & Flovilla RR.
387. Intercolonial Ry. Canadian and Dominion Expresses.
388. International & Great Northern RR. Wells, Fargo & Co. and Pacific Expresses.
389. International Route. W., F. & Co. and Pac. Ex's.
390. Interoceanic Ry. of Mexico. Hidalgo Express.
391. Iowa Central Ry. United States Express.
392. Iowa Northern Ry. United States Express.
393. Iron Ry. United States Express.
394. Irondale, Bancroft & Ottawa Ry.
395. Iron Range & Huron Bay RR.
395a. Ironton R.R.
396. Jackson RR.
397. Jacksonville & Atlantic Ry. Southern Express.
398. Jacksonville, Louisville & St. Louis Ry. Adams Ex.
399. Jacksonville, Mayport & Pablo Ry. & Navigation Co.
400. Jacksonville, St. Augustine & Indian River Ry. Southern Express. (Operated by Fla. E. Coast.)
401. Jacksonville, Tampa & Key West Ry. Southern Ex.
402. James River. (Virginia.)
403. Jamestown & Lake Erie Ry. American Express.
404. Jellico, Bird Eye & Northern Ry.
405. Joliet & Blue Island Ry.
406. Kanawha & Coal River Ry.
407. Kanawha & Michigan Ry. U. S. Ex. (Ohio Central.)
408. Kanawha River.
408a. Kankakee & Seneca R.R. Am. Ex.
409. Kanona & Prattsburg RR. Wells, Fargo & Co. Ex.
410. Kansas City & Atlantic RR.
411. Kansas City & Beatrice RR. Pacific Express.
412. Kan. City & Independence Air Line. W., F. & Co. Ex.
412a. Kansas City & Independence Rapid Transit Ry.
412b. Kansas City & Memphis R.R. & Bridge Co.
413. Kansas City, Clinton & Springfield Ry. Adams Ex.
414. Kansas City, Ft. Scott & Mem.RR. Ad. and So.Ex.'s.
415. Kansas City, Memphis & Birmingham RR. So. Ex.
416. Kansas City Northwestern RR. Pacific Express.
417. Kansas City, Osceola & Southern Ry. American Ex.
418. Kansas City, Pittsburg & Gulf RR. Wells, Fargo & Co. and Pacific Expresses.
419. K. C., St. Jos. & Coun. Bluffs RR. Ad. Ex. (Bur. Ro.)
419a. Kansas City Suburban Belt Ry.
420. Kansas City, Watkins & Gulf Ry. Pacific Express.
421. Kaslo-Slocan Ry.
422. Keeseville, Au Sable Chasm & Lake Champlain RR. National Express.
422a. Kelleys Creek Improvement Co.
423. Kennebec Central RR. American Express.
424. Kent Northern Ry.
424a. Kentucky & Indiana Bridge Co.
425. Kentucky Midland Ry. Adams Express.
426. Keokuk & Western RR. Pacific Express.
427. Kewaunee, Green Bay & Western RR. American Ex.
428. Kickapoo Valley & Northern Ry. United States Ex.
429. Kildare & Linden Ry.
430. Kinderhook & Hudson Ry. American Express.
431. Kingston & Pembroke Ry. Dominion Express.
432. Kingston, Napanee & Western Ry.
433. Kishacoquillas Valley RR. Adams Express.
434. Knoxville & Augusta RR. Southern Express.
435. Knoxville & Ohio RR. Southern Ex. (Southern.)
436. Knoxville, Cumberland Gap & Louisville RR. So. Ex.
437. Kootenay Lake. (British Columbia.)
438. Kootenay River. (British Columbia.)
439. Kymulga & Coosa River RR.
440. Lake Champlain & Moriah RR.
441. Lake Charles & Leesville Ry.
442. Lake Erie.
443. Lake Erie, Alliance & Southern Ry. Adams Express.
444. Lake Erie & Detroit River Ry. Canadian Express.
445. Lake Erie & Western RR. United States Express.
446. Lake Huron.
447. Lake Michigan.
448. Lake Ontario.
449. Lake Pontchartrain. (Louisiana.)
450. Lake St. Clair.
451. Lake Shore & Michigan So. Ry. Am. and U. S. Ex's.
452. Lake Superior.
452a. Lake Tahoe Ry.
453. Lake Winnipeg.
454. Lake of the Woods. (Manitoba.)
455. Lakeside & Marblehead RR. United States Express.
456. Lancaster & Hamden Ry.
457. Lancaster & Reading Narrow Gauge RR. Adams Ex.
458. Lancaster, Oxford & Southern RR. Adams Express.
458a. La Salle & Bureau R.R.
459. Laurens RR.
460. Leavenworth, Topeka & Southwestern Ry. Wells, Fargo & Co. Express.
461. Lebanon Springs RR. National Express.
462. Lehigh & Hudson River Ry. U. S. and W. F. Ex's.
463. Lehigh & Lackawanna RR.
464. Lehigh & New England RR. United States Express.
465. Lehigh Valley RR. United States Express.
466. L'Epiphanie & L'Assomption Ry. (Canadian Pacific.)
467. Lethbridge & Southern Alberta Ry. (Can. Pac.)
468. Lexington & Eastern Ry. Adams Ex.
468a. Lexington Terminal Ry.
469. Ligonier Valley RR.

470. Lima & Honeoye Falls RR. American Express.
471. Litchfield, Carrollton & Western RR. Adams Ex.
472. Little Falls & Dolgeville RR. American Express.
473. Little Rock & Memphis RR. Pacific Express.
473a. Little Saw Mill Run Ry.
474. Live Oak & Gulf Ry.
474a. London, South Park & Leadville R.R.
475. Long Island RR. Long Island Express.
476. Lookout Mountain Line. So. Ex. (Q. & C. Route.)
477. Los Angeles Terminal Ry.
478. Louisiana & Northwest RR.
479. Louisiana & Nashville RR. Adams and So. Ex's.
480. Louisville & St. Louis Air Line.
481. Louisville & Wadley RR. Southern Express.
482. Louisville, Evansville & St. Louis Consd. RR. Ad. Ex.
483. Louisville, New Albany & Chicago Ry. Am. Ex.
484. Louisville, New Albany & Corydon Ry. U. S. Ex.
485. Louisville, St. Louis & Texas Ry. Adams Express.
486. Lowell & Hastings RR. American Express.
486a. McKeesport Connecting R.R.
486b. Machias River.
487. Macon & Birmingham RR.
488. Macon & Northern Ry. Southern Express.
489. Macon, Dublin & Savannah RR. Southern Express.
490. Mahoning Valley RR.
491. Maine Central RR. American Express.
491a. Mahoning & State Line R.R.
492. Manahawken & Long Beach Transportation Co.
493. Manchester & Augusta RR. So. Ex. (Atl. C. Line.)
494. Manhattan Ry.
495. Manhattan, Alma & Burlingame Ry. Wells, Fargo & Co. Express. (Operated by A., T. & S. F.)
496. Manistee & Northeastern RR. American Express.
497. Manistique Ry. American Express.
498. Manitoba & Northwestern Ry of Canada. Dom. Ex.
499. Manitou & Pike's Peak Ry.
500. Maple Leaf Route. U. S. Ex. (Chicago Gt. Western.)
501. Maricopa & Phoenix RR. Wells, Fargo & Co. Ex.
502. Marietta & N. Ga. Ry. Marietta & North Ga. Ex.
503. Marietta, Hocking & Northern Ry.
503a. Mary Lee Coal & Ry. Co. S. Ex.
503b. Martha's Vineyard R.R.
504. Mason City & Fort Dodge RR. American Express.
505. Matehuala RR.
506. Memphis & Charleston RR. Southern Express.
506a. Memphis & Raleigh Springs R.R.
507. Memphis Route. Adams and Southern Expresses. (Operated by Kan. City, Ft. Scott & Memphis.)
508. Merrimac River. (New Hampshire.)
509. Mexican Ry. Wells, Fargo & Co. Express.
510. Mexican Central Ry. Wells, Fargo & Co. Express.
511. Mexican International RR. Wells, Fargo & Co. Ex.
512. Mexican Interoceanic Ry. Hidalgo Express.
513. Mexican National RR. Mexican National Express.
514. Mexican National Construction Co. Mexican National Construction Co. Express.
515. Mexican Northern Ry. Wells, Fargo & Co. Express.
516. Mexican Southern RR. Mexican Southern Express.
517. Mexico, Cuernavaca & Pac. Ry. W., F. & Co. Ex.
518. Miami & Erie Canal.
519. Michoacan & Pacific Ry.
520. Michigan Central RR. American Express.
521. Middle & East Tennessee Central Ry. Southern Ex.
521a. Middlesboro Ry.
522. Middleburgh & Schoharie RR. National Express.
523. Middle Georgia & Atlantic Ry. Southern Express.
524. Middlesex Valley RR. United States Express.
525. Middletown & Cincinnati RR. Adams Express.
526. Midland Terminal Ry. Wells, Fargo & Co. Express.
527. Millen & Southern Ry. Southern Express.
528. Milwaukee & Superior Ry. United States Express.
529. Milwaukee, Bay View & Chicago RR.
530. Minden RR. Southern Express.
531. Mineral Range RR. Western Express.
532. Minneapolis & St. Louis RR. United States Express.
533. Minneapolis, St. Paul & Sault Ste. Marie Ry. Western Express.
534. Minnesota & Wisconsin Ry. American Express.
535. Minnesota Belt Line Ry. & Transfer Co.
536. Mississippi & Little Rock Ry.
537. Mississippi River.
538. Mississippi River & Bonne Terre Ry. Pacific Ex.
539. Mississippi Valley Route. Southern Express.
540. Missouri, Kansas & Texas Ry. American Express.
541. Missouri Pacific Ry. Pacific Express.
542. Missouri River.
543. Missouri Southern RR.
544. Mobile & Birmingham RR. Southern Express.
545. Mobile & Ohio RR. Southern Express.
545a. Mobile & Spring Hill R.R.
546. Moncton & Buctouche Ry. Canadian Express.
547. Monon Route. American Express.
547a. Monongahela Connecting R.R.
548. Monongahela River. (Pennsylvania.)
549. Monongahela River RR. United States Express.
550. Monson RR. American Express.
551. Mont Alto RR. Adams Express.
551a. Montana Central R.R. G. N. Ex.
552. Montana Union Ry. Pacific Express.
552. Monterey & Mexican Gulf RR. W., F. & Co. Ex.
554. Montour RR. American Express.
555. Montpelier & Wells River RR. American Express.
556. Montrose Ry. United States Express.
557. Morgan Line. W., F. & Co. Ex. (Southern Pacific)
558. Morris County RR.
559. Morristown & Cumberland Gap RR. Southern Ex.
560. Moshassuck Valley RR.
560a. Mount Hope Mineral Ry.
561. Mount Jewett & Smethport RR.
562. Mount Jewett, Kinzua & Riterville RR.
563. Mount McGregor RR.
564. Mount Vernon & Pan Handle Route. Adams Expres.
565. Mount Washington Ry. Am. Ex. (Boston & Maine)
566. Nakusp & Slocan Ry. (Operated by Canadian Pac.)
567. Nantucket RR. New York & Boston Despatch Ex.
568. Narragansett Pier RR. Adams Express.
569. Nashville & Knoxville RR. Southern Express.
570. Nashville, Chattanooga & St. Louis Ry. S. Ex.
571. Nashville,, Tellico & Charleston Ry. Southern Ex.
572. Natchez, Red River & Texas RR. Natchez, Red River & Texas Express.
573. Natchitoches & Red River Valley RR. Pacific Ex.
574. National City & Otay Ry.
575. Nelson & Fort Sheppard Ry. Northern Pacific Ex.
576. Nevada Central Ry. Wells, Fargo & Co. Express.
577. Nevada, California & Oregon Ry. W., F. & Co. Ex.
578. Nevada County Narrow Gauge RR. W., F. & Co. Ex.
579. Nevada Southern Ry.
579a. Newark & Granville R.R. U. S. Ex.
580. New Brunswick & Prince Edward I. Ry. Dom. Ex.
581. Newburg, Dutchess & Connecticut RR. Am. Ex.
581a. New Haven & Dunbar R.R.
581b. New Castle & Butler R.R.
581c. New England R.R. U. S. Ex.
582. New Jersey & New York RR. United States Express.
583. New Mexico & Arizona RR. Wells, Fargo & Co. Express. (Operated by A., T. & S. F.)
584. New Orleans & Northeastern RR. Southern Express. (Operated by Queen & Crescent Route.)
585. New Orleans & Northwestern. Southern Express.
586. New Orleans & Southern RR. Southern Express.
587. New Orleans, Ft. Jackson & Grand Isle RR. New Orleans, Ft. J. & G. I. Express.
588. Newport & Sherman's Valley RR. Adams Express.
589. Newport & Wickford RR. & Steamboat Line. Ad. Ex.
590. New Westminster Southern RR. Great Northern Ex. (Operated by Great Northern.)
591. New York & Greenwood Lake Ry. W., F. & Co. Ex.
592. New York & Long Branch RR.
593. New York & New England RR. United States Ex.
594. New York & Rockaway Beach Ry. New York Local Express.
595. New York & Sea Beach Ry. New York Local Ex.
596. New York Central & Hudson River RR. Am. Ex.
597. New York, Chicago & St. Louis RR. National Ex.
598. New York, Lake Erie & Western RR. Wells, Fargo & Co. Express.
599. New York, New Haven & Hartford RR. Adams, New York & Bos. Des. and Earle & Prew Ex's.
600. New York, Ontario & Western Ry. Adams Express.
601. New York, Pennsylvania & Ohio RR. Wells, Fargo & Co. Express. (Operated by Erie Lines.)
602. New York, Philadelphia & Norfolk RR. Adams Ex.
603. New York, Susquehanna & Western RR. Nat. Ex.
604. Niagara River.
605. Nickel Plate Road. National Express.
606. Norfolk & Carolina RR. So. Ex. (Atl. Coast Line.)
607. Norfolk & Southern RR. Southern Express.
608. Norfolk & Western RR. Adams and Southern Ex's.
609. Norfolk, Albemarle & Atlantic RR. Southern Ex.
610. Northampton & Hertford RR.
610a. North Bend & Kettle Creek R.R.
611. Northeastern RR. of Georgia. Southern Express.
612. Northern Adirondack RR. Am. Ex. (Nor. N. Y.)
612a. Northern Alabama R.R. S. Ex.
613. Northern Central Ry. Adams Express.
614. Northern Indiana RR.
615. Northern New York RR. American Express.
615a. Northern Ohio R.R.
616. Northern RR. of New Jersey. W., F. & Co. Ex.
617. Northern Pacific RR. Northern Pacific Express.
618. North Pacific Coast RR. Wells, Fargo & Co. Express.
619. Northwestern Line. American Express.
620. Northwestern Ohio RR. Ad. Ex. (Pennsylvania Co.)
621. Northwest Route. Pacific Express.
622. Nova Scotia Central Ry.
623. Oberlin & La Grange RR.
624. Oconee & Western RR. Southern Express.
624a. Ogden & Hot Springs R.R.
625. Ohio Central Lines. United States Express.
626. Ohio River.
627. Ohio River RR. Adams Express.
628. Ohio River & Charleston Ry. Southern Express.
629. Ohio Southern RR. American Express.
630. Ohio Valley Ry. Southern Express.
631. Okanagan Lake. (British Columbia.)
632. Old Colony RR. Ad., N. Y. & Bos. Des. and Earle & Prew Ex's. (Operated by N. Y., N. H. & H.)
633. Olean, Oswayo & Eastern RR. W., F. & Co. Ex.

634. Omaha & St. Louis Ry. Pacific Express.
635. Oregon Central & Eastern RR. W., F. & Co. Ex.
636. Oregon Improvement Co. Northern Pacific Express.
637. Oregon Pacific RR. W., F. & Co. Ex. (Ore. C. & E.)
638. Oregon Railway & Navigation Co. Pacific Express.
639. Orford Mountain Ry.
640. Ottawa & Gatineau Ry. Dominion Express.
641. Ottawa, Arnprior & Parry Sound Ry. Canadian Express. (Operated by Canada Atlantic.)
642. Ottawa River. (Ontario.)
643. Owensboro, Falls of Rough & Green River RR. Adams Express.
644. Pacific Coast Ry. Wells, Fargo & Co. Express.
645. Pacific Ocean.
646. Pacific Short Line. American Express.
647. Paducah, Tennessee & Alabama RR. American Ex.
648. Palmetto RR. Southern Express.
649. Panama RR.
650. Pan Handle Route. Ad. Ex. (Pennsylvania Co.)
651. Paragould Southeastern Ry.
652. Paris, Marshall & Sabine Pass Ry.
653. Parry Sound Colonization Ry. Canadian Express. (Operated by Canada Atlantic.)
654. Pawnee RR. United States Express.
655. Pearl River. (Mississippi.)
656. Pecos River RR. Pacific Express.
657. Pecos Valley Ry. Pacific Express.
658. Pemberton & Hightstown RR.
659. Peninsular RR.
659a. Pennsboro & Harrisville R.R.
660. Pennsylvania Company. Adams Express.
661. Pennsylvania RR. Adams Express.
662. Pennsylvania & Northwestern RR. Adams Express.
663. Penobscot River. (Maine.)
664. Pensacola, Alabama & Tennessee RR. Southern Ex.
665. Pensacola & Perdido RR. So. Ex. (Pen., Ala. & T.)
666. People's Ry.
667. Peoria & Pekin Union Ry. United States, Wells, Fargo & Co., and Pacific Expresses.
668. Peoria, Decatur & Evansville Ry. American Express.
668a. Peoria Terminal R.R.
669. Perkiomen RR. United States Express.
670. Perry County RR. Adams Express.
671. Petersburg RR. So. Ex. (Atlantic Coast Line.)
672. Philadelphia & Reading RR. United States Express.
673. Philadelphia, Newtown & New York RR. United States Express.
674. Philadelphia, Reading & New England RR. United States Express.
675. Philadelphia, Wilmington & Baltimore RR. Ad. Ex.
676. Phillips & Rangeley RR. American Express.
677. Piedmont Air Line. Southern Express. (Southern.)
678. Pike's Peak Ry. (Manitou & Pike's Peak Ry.)
679. Pine Bluff & Eastern RR.
680. Pittsburg & Castle Shannon RR.
681. Pittsburg & Lake Erie RR. American Express.
682. Pittsburg & Moon Run RR.
683. Pittsburgh & Western Ry. United States Express.
684. Pittsburg, Akron & Western RR. U. S. Ex.
685. Pittsburg, Chartiers & Youghiogheny Ry. Am. Ex.
686. Pittsburg, Cincinnati, Chicago & St. Louis Ry. Adams Express.
687. Pittsburg, Cincinnati & St. Louis Ry. Adams Ex.
688. Pittsburg, Fort Wayne & Chicago Ry. Adams Ex.
689. Pittsburg, Marion & Chicago Ry. Adams Express.
689a. Pittsburg, Neville Island & Coraopolis R.R.
689b. Pittsburg, Ohio Valley & Cincinnati R.R.
690. Pittsburg, Shenango & L. Erie RR. W., F. & Co. Ex.
691. Pittsburg, Youngstown & Ashtabula RR. Adams Ex.
692. Plant System Ry. and Steamship Lines. So. Ex.
693. Pontiac, Oxford & Northern RR. American Express.
694. Pontiac Pacific Junction Ry. Dominion Express.
695. Port Edwards, Centralia & Northern RR. Am. Ex.
696. Port Jarvis, Monticello & N. Y. RR. W., F. & Co. Ex.
697. Portland & Rochester RR. American Express.
698. Portland & Rumford Falls Ry. American Express.
699. Port Royal & Augusta Ry. Southern Express.
700. Port Royal & Western Carolina Ry. Southern Ex.
701. Portsmouth & Tygart Valley RR.
702. Port Townsend Southern RR. Northern Pacific Express. (Oregon Improvement Co.)
703. Potomac, Fredericksburg & Piedmont RR.
704. Potomac River.
705. Poughkeepsie Bridge Route. United States Express.
706. Poughkeepsie & Eastern Ry. American Express.
707. Powellton & Pocahontas Ry.
708. Prince Edward Island Ry. Canadian Express.
709. Profile & Franconia Notch RR. American Express. (Operated by Boston & Maine.)
710. Prospect Park & Coney Island RR. Long Island Ex.
711. Puget Sound. (Washington.)
712. Puget Sound & Gray's Harbor RR. & Trans. Co.
713. Quebec & Lake St. John Ry. Canadian Express.
714. Quebec Central Ry. Canadian Express.
715. Quebec, Montmorency & Charlevoix Ry.
716. Queen & Crescent Route. Adams and Southern Ex's.
717. Quincy, Omaha & Kansas City Ry. Adams Express.
718. Raleigh & Augusta Air-Line. Southern Express. (Seaboard Air-Line.)
719. Raleigh & Gaston RR. Southern Express. (Seaboard Air-Line.)
720. Raleigh & Western Ry.
721. Raritan River RR. United States Express.
722. Reading RR. System. United States Express.
722a. Reading & Southwestern R.R.
723. Red River. (Minnesota & Manitoba.)
724. Red River. (Texas & Louisiana.)
725. Red Springs & Bowmore RR.
726. Reynoldsville & Falls Creek RR. American Express.
727. Rice Lake, Dallas & Menomonie Ry. Western Ex.
728. Richmond & Danville RR. Southern Express. (Southern.)
729. Richmond & Petersburg RR. Southern Express. (Atlantic Coast Line.)
730. Richmond, Fredericksburg & Potomac RR. Ad. Ex.
731. Richmond, Nicholasville, Irvine & Beattyville RR. Adams Express.
732. Rio Grande RR. Wells, Fargo & Co. Express.
733. Rio Grande & Eagle Pass Ry.
733a. Rio Grande & Santa Fe Ry. D. & R. G. Ex.
734. Rio Grande Junction Ry. Wells, Fargo & Co. Ex.
735. Rio Grande del Norte River. (Texas and Mexico.)
736. Rio Grande Southern RR. Denver & Rio Grande Express.
737. Rio Grande Western Ry. Denver & Rio Grande Ex.
738. Ripley & Mill Creek Valley RR.
739. River St. Lawrence. (Canada.)
740. Roanoke & Tar River RR. Southern Express. (Seaboard Air Line.)
740a. Roaring Creek & Charleston Ry.
741. Rochester & Lake Ontario Ry. United States Ex.
742. Rockaway Valley RR. United States Express.
743. Rockbridge, Alum & Goshen RR.
744. Rock Island & Peoria Ry. United States Express.
745. Rockport, Langdon & Northern Ry. Adams Express.
746. Rockwood & Tennessee River Ry.
747. Rogue River Valley Ry. Wells, Fargo & Co. Express.
748. Rome (Ga.) RR. Southern Express.
749. Rome, Watertown & Ogdensburg RR. American Ex.
750. Royal Blue Line. United States Express.
750a. Ruby Hill Ry.
751. St. Augustine & South Beach Ry. Southern Express.
752. St. Augustine Route. Southern Express. (Jacksonville, St. Augustine & Indian River.)
753. St. Catharine's & Niagara Central Ry. Am. Ex.
754. St. Clair River. (Michigan & Ontario.)
755. St. Clairsville & Northern Ry. United States Ex.
756. St. Croix & Penobscot RR.
757. St. John's & Lake Eustis Ry. So. Ex. (Plant System.)
758. St. John's River. (New Brunswick.)
759. St. Johnsbury & Lake Champlain RR. Am. Ex.
760. St. Joseph & Grand Island RR. Pacific Express.
761. St. Lawrence River. (Canada.)
762. St. Louis & Cairo Short Line. American Express.
763. St. Louis & Eastern Ry. American Express.
764. St. Louis & Hannibal Ry. Pacific Express.
765. St. Louis & Paducah Ry. American Express.
766. St. Louis & San Francisco Ry. Wells, Fargo & Co. Express. (A., Top. & S. F. RR.)
767. St. Louis, Alton & Terre Haute RR. American Ex.
768. St. Louis, Arkansas & Texas Ry. Pacific Express. (St. Louis Southwestern Railway System.)
769. St. Louis, Cape Girardeau & Ft. Smith Ry. St. Louis, Cape Girardeau & Ft. Smith Express.
770. St. Louis, Chicago & St. Paul RR. American Ex.
771. St. Louis, Iron Mountain & Southern Ry. Pacific Express. (Missouri Pacific.)
772. St. Louis, Kansas City & Colo. RR. W., F. & Co. Ex.
773. St. Louis, Kennett & Southern RR. St. Louis, Kennett & Southern Express.
774. St. Louis, Keokuk & Northwestern RR. Adams Express. (Burlington Route.)
775. St. Louis Southwestern Ry. System. Pacific Express.
775a. St. Louis Suburban Ry.
776. St. Louis, Vandalia & Terre Haute RR. Adams Express. (Vandalia Line.)
778. St. Mary's & Southwestern Ry. System. Pacific Ex.
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779. St. Paul & Duluth RR. Adams Express.
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781. Sacramento River. (California.)
782. Saginaw River. (Michigan.)
783. Saginaw, Tuscola & Huron RR. American Express.
784. Saginaw Valley & St. Louis RR. American Express.
785. Salem RR. Wells, Fargo & Co. Express.
786. Salisbury & Harvey Ry. Canadian Express.
786a. Salt Lake & Mercur R.R. Pac. Ex.
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788. San Antonio & Aransas Pass Ry. W., F. & Co. Ex.
789. Sandersville RR.
790. San Diego, Cuyamaca & Eastern Ry.
791. San Diego, Pacific Beach & La Jolla Ry.
791a. Sandusky, Milan & Norwalk R.R. Am. Ex.
792. Sandy River RR.
793. Sanford & St. Petersburg RR. Southern Express. (Operated by Plant System.)
794. San Francisco & North Pacific Ry. W., F. & Co. Ex.

795. San Pete Valley RR. Pacific Express.
796. Santa Fe, Prescott & Phoenix Ry. W., F. & Co. Ex.
797. Santa Fe Route. Wells, Fargo & Co. Express.
798. Santa Fe Southern Ry.
799. Saranac & Lake Placid RR. American and National Expresses.
800. Savannah, Americus & Montgomery Ry. So. Ex.
801. Savannah & Atlantic Ry. Southern Express.
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804. Sawyer River.
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806. Seaboard Air Line. Southern Express.
807. Seaboard & Roanoke RR. So. Ex. (Seaboard A. L.)
808. Seaboard Ry. of Alabama. Southern Express.
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809a. Seashore Ry.
810. Seattle & Mont. Ry. G. N. Ex. (Great Northern.)
811. Seattle & Nor. Ry. N. Pac. Ex. (Ore. Imp. Co.)
812. Seattle, Lake Shore & Eastern Ry. Northern Pacific Express. (Northern Pacific.)
813. Sebasticook & Moosehead RR. American Express.
814. Sedalia, Warsaw & Southwestern Ry.
815. Sharpsville RR. Adams Express.
815a. Shelton Southwestern R.R.
816. Shepaug, Litchfield & Northern RR. Adams Express.
817. Sherman, Shreveport & Southern RR. Am. Ex.
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820. Shuswap & Okanagan Ry. (Canadian Pacific.)
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825. Sinaloa & Durango RR.
826. Sioux City & Northern RR. American Express.
827. Sioux City & Pacific RR. American Express.
828. Sioux City, O'Neill & Western Ry. American Ex.
829. Sioux City Route. Am. Ex. (Sioux City & Pacific.)
830. Skaneateles RR. American Express.
830a. Sierra Valley R.R.
830b. Sierra Valley & Mohawk Ry.
831. Slate Run RR.
832. Smithonia & Dunlap RR. Southern Express.
832a. Snake River.
833. Somerset Ry. American Express.
834. Sonora Ry. Wells, Fargo & Co. Express. (Atchison, Topeka & Santa Fe.)
835. Soo Pacific Line. Western and Dominion Expresses.
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837. South Carolina & Georgia RR. Southern Express.
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839. Southern California Ry. Wells, Fargo & Co. Ex.
840. Southern Iowa Ry.
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852. Stony Creek RR. United States Express.
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856. Sugar Land Ry.
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858. Sumter Valley Ry.
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874. Texas Central RR. Wells, Fargo & Co. Express.
875. Texas, Louisiana & Eastern RR.
876. Texas Midland RR. Wells, Fargo & Co. Express.
877. Texas, Sabine Valley & Northwestern Ry. Pac. Ex.
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878. Texas Trunk RR. Wells, Fargo & Co. Express.
879. Texas Western Ry. Wells, Fargo & Co. Express.
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881. Tionesta Valley RR. Adams Express.
882. Toledo & Ohio Central Extension RR. U. S. Ex.
883. Toledo & Ohio Central Ry. U. S. Ex. (O. Cent. Lines.)
884. Toledo, Ann Arbor & North Michigan Ry. Am. Ex.
885. Toledo, Peoria & Western Ry. Pacific Express.
886. Toledo, Saginaw & Muskegon Ry. National Express.
887. Toledo, St. Louis & Kansas City Ry.
887a. Toledo, Walhonding Valley & Ohio Ry. Ad. Ex.
888. Tombigbee River. (Alabama.)
889. Toronto, Hamilton & Buffalo Ry. American Express.
890. Tropical Trunk Line. Southern Express. (Jacksonville, Tampa & Key West.)
890a. Tuckahoe & James River R.R.
891. Tuckerton RR. Adams Express.
891a. Tucson, Globe & Northern R.R.
892. Tunnelton, Kingwood & Fairchance RR. U. S. Ex.
893. Tuscarora Valley RR.
893a. Tuscaloosa Belt Line Ry.
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895. Ultima Thule, Arkadelphia & Mississippi Ry.
896. Ulster & Delaware RR. American Express.
897. Unadilla Valley Ry. United States Express.
898. Union Pacific, Denver & Gulf Ry. Denver & Rio Grande Express.
899. Union Pacific Ry. Pacific Express.
900. Union Railroad, Elevator & Transportation Co.
901. United Counties Ry. Dominion Express.
902. United Verde & Pacific Ry. United Verde Express.
903. Utah Central Ry. Pacific Express.
904. Valley Ry. American Express.
905. Vandalia Line. Adams Express.
906. Vanegas Cedral & Rio Verde RR. Mexican Nat. Ex.
907. Velasco Terminal Ry. Pacific Express.
908. Vicksburg, Shreveport & Pacific RR. Southern Express. (Queen & Crescent Route.)
909. Victoria & Western RR. Southern Express.
910. Virginia & Truckee RR. Wells, Fargo & Co. Express.
911. Virginia, Tennessee & Georgia Air Line. Adams and Southern Expresses. (Norfolk & Western.)
911a. Visalia R.R. Co. W. F. & Co.'s Ex.
912. Visalia & Tulare RR. Wells, Fargo & Co. Express.
913. Wabash RR. Pacific Express.
914. Wabash, Chester & Western RR. American Express.
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916. Waco & Northwestern RR. Wells, Fargo & Co. Ex.
917. Wadley & Mount Vernon RR. Wadley Express.
918. Wallkill Valley RR. National Express.
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920. Washington & Columbia River Ry. Nor. Pac. Ex.
921. Washington & Potomac RR. Adams Express.
922. Washington Southern Ry. (Peninsular RR.)
923. Waycross Air Line RR.
924. Waynesburg & Washington RR. Adams Express.
925. Weatherford, Mineral Wells & N. W. Ry. Pac. Ex.
926. Wellsville, Coudersport & Pine Creek RR. Wells, Fargo & Co. Express.
927. Western & Atlantic RR. Southern Express.
928. Western Maryland RR. Adams Express.
929. Western New York & Pennsylvania Ry. Am. Ex.
930. Western Ry. of Alabama. Southern Express.
931. West Jersey RR. Adams and West Jersey Express.
932. West Shore RR. National Express.
933. West Virginia Central & Pittsburg Ry. Adams Ex.
933a. West Virginia, Pineville & Tennessee R.R.
934. West Virginia & Pittsburg RR. Clarksburg, Weston & Buckhannon Express.
934a. West Virginia Northern Ry.
935. Wheeling & Elm Grove RR.
936. Wheeling & Lake Erie Ry. Wells, Fargo & Co. Ex.
937. Wheeling Bridge & Terminal Ry.
938. White & Black River Valley Ry. Pacific Express.
939. White River. (Arkansas.)
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941. Wichita Valley Ry.
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944. Williams Valley RR. United States Express.
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945. Wilmington & Conway RR. Southern Express. (Atlantic Coast Line.)
946. Wilmington & Northern RR. United States Express.
947. Wilmington & Weldon RR. Southern Express. (Atlantic Coast Line.)
948. Wilmington, Columbia & Augusta RR. Southern Express. (Atlantic Coast Line.)
949. Wilmington, Newbern & Norfolk RR. Southern Ex.
950. Wilmington Sea Coast RR. Southern Express.
951. Winifrede RR.
952. Winnston & Bone Val. RR. So. Ex. (Plant System.)
953. Winona & Western Ry. United States Express.
954. Wiscasset & Quebec RR. American Express.

955. Wisconsin & Chippewa Ry. Western Express.
956. Wisconsin & Michigan Ry. American Express.
957. Wisconsin Central Lines. National Express.
958. Wood River Branch RR. Local Express.
959. Woodstock Ry. American Express.
960. Worcester & Shrewsbury RR. Boston Local Express.
961. Wrightsville & Tennille RR. Wrightsville & Tennille and Southern Expresses.
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962. Yazoo & Mississippi Valley RR. American Express.
963. York Southern RR. Adams Express.
964. Youghiogheny RR.
965. Youghiogheny Central Ry.
965a. Yreka R.R. W. F. & Co.'s Ex.
966. Zanesville & Ohio River Ry. Adams Express.

THE MINING LAWS

— OF —

THE UNITED STATES OF AMERICA

AND REGULATIONS THEREUNDER.

REVISED STATUTES, 1896.

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MINING LAWS.

[TITLE XXXII, CHAPTER 6.]

I. MINERAL LANDS:

Section 2318. In all cases lands valuable for minerals shall be reserved from sale, except as otherwise expressly directed by law.

Sec. 2319. All valuable mineral deposits in lands belonging to the United States, both surveyed and unsurveyed, are hereby declared to be free and open to exploration and purchase, and the lands in which they are found to occupation and purchase, by citizens of the United States and those who have declared their intention to become such, under regulations prescribed by law, and according to the local customs or rules of miners in the several mining districts, so far as the same are applicable and not inconsistent with the laws of the United States.

II. LODE CLAIMS:

Sec. 2320. Mining claims upon veins or lodes of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin, copper, or other valuable deposits, heretofore located, shall be governed as to length along the vein or lode by the customs, regulations, and laws in force at the date of their location. A mining claim located after the tenth day of May, eighteen hundred and seventy-two, whether located by one or more persons, may equal, but shall not exceed, one thousand five hundred feet in length along the vein or lode; but no location of a mining claim shall be made until the discovery of the vein or lode within the limits of the claim located. No claim shall extend more than three hundred feet on each side of the middle of the vein at the surface, nor shall any claim be limited by any mining regulation to less than twenty-five feet on each side of the middle of the vein at the surface, except where adverse rights existing on the tenth day of May, eighteen hundred and seventy-two, render such limitation necessary. The end-lines of each claim shall be parallel to each other.

III. PROOF OF CITIZENSHIP:

Sec. 2321. Proof of citizenship, under this chapter, may consist, in the case of an individual, of his own affidavit thereof; in the case of an association of persons unincorporated, of the affidavit of their authorized agent, made on his own knowledge, or upon information and belief; and in the case of a corporation organized under the laws of the United States, or of any state or territory thereof, by the filing of a certified copy of their charter or certificate of incorporation.

IV. LOCATORS' RIGHTS:

Sec. 2322. The locators of all mining locations heretofore made or which shall hereafter be made, on any mineral vein, lode, or ledge, situated on the public domain, their heirs and assigns, where no adverse claim exists on the tenth day of May, eighteen hundred and seventy-two, so long as they comply with the laws of the United States, and with state, territorial, and local regulations not in conflict with the laws of the United States governing their possessory title, shall have the exclusive right of possession and enjoyment of all the surface included within the lines of their locations, and of all veins, lodes, and ledges throughout the entire depth, the top or apex of which lies inside of such surface-lines extended downward vertically, although such veins, lodes, or ledges may so far depart from a perpendicular in their course downward as to extend outside the vertical side-lines of such surface locations. But their right of possession to such outside parts of such veins or ledges shall be confined to such portions thereof as lie between vertical planes drawn downward as above described, through the end-lines of their locations, so continued in their own direction that such planes will intersect such exterior parts of such veins or ledges. And nothing in this section shall authorize the locator or possessor of a vein or lode which extends in its downward course beyond the vertical lines of his claim to enter upon the surface of a claim owned or possessed by another.

V. TUNNEL RIGHTS:

Sec. 2323. Where a tunnel is run for the development of a vein or lode, or for the discovery of mines, the owners of such tunnel shall have the right of possession of all veins or lodes within three thousand feet from the face of such tunnel on the line thereof, not previously known to exist, discovered in such tunnel, to the same extent as if discovered from the surface; and locations on the line of such

tunnel or veins or lodes not appearing on the surface, made by other parties after the commencement of the tunnel, and while the same is being prosecuted with reasonable diligence, shall be invalid; but failure to prosecute the work on the tunnel for six months shall be considered as an abandonment of the right to all undiscovered veins on the line of such tunnel.

VI. DISTRICT REGULATIONS:

Sec. 2324. The miners of each mining district may make regulations not in conflict with the laws of the United States, or with the laws of the state or territory in which the district is situated, governing the location, manner of recording, amount of work necessary to hold possession of a mining claim, subject to the following requirements: The location must be distinctly marked on the ground so that its boundaries can be readily traced. All records of mining claims hereafter made shall contain the name or names of the locators, the date of the location, and such a description of the claim or claims located by reference to some natural object or permanent monument as will identify the claim. On each claim located after the tenth day of May, eighteen hundred and seventy-two, and until a patent has been issued therefor, not less than one hundred dollars' worth of labor shall be performed or improvements made during each year. On all claims located prior to the tenth day of May, eighteen hundred and seventy-two, ten dollars' worth of labor shall be performed or improvements made by the tenth day of June, eighteen hundred and seventy-four, and each year thereafter, for each one hundred feet in length along the vein until a patent has been issued therefor; but where such claims are held in common, such expenditure may be made upon any one claim; and upon a failure to comply with these conditions, the claim or mine upon which such failure occurred shall be open to relocation in the same manner as if no location of the same had ever been made, provided that the original locators, their heirs, assigns, or legal representatives, have not resumed work upon the claim after failure and before such location. Upon the failure of any one of several co-owners to contribute his proportion of the expenditures required hereby, the co-owners who have performed the labor or made the improvements may, at the expiration of the year, give such delinquent co-owner personal notice in writing or notice by publication in the newspaper published nearest the claim, for at least once a week for ninety days, and if at the expiration of ninety days after such notice in writing or by publication such delinquent should fail or refuse to contribute his proportion of the expenditure required by this section, his interest in the claim shall become the property of his co-owners who have made the required expenditures.

VII. PATENTS FOR MINERAL LANDS:

Sec. 2325. A patent for any land claimed and located for valuable deposits may be obtained in the following manner: Any person, association, or corporation authorized to locate a claim under this chapter, having claimed and located a piece of land for such purposes, who has, or have, complied with the terms of this chapter, may file in the proper land-office an application for a patent, under oath, showing such compliance, together with a plat and field-notes of the claim or claims in common, made by or under the direction of the United States Surveyor-General, showing accurately the boundaries of the claim or claims, which shall be distinctly marked by monuments on the ground, and shall post a copy of such plat, together with a notice of such application for a patent, in a conspicuous place on the land embraced in such plat previous to the filing of the application for a patent, and shall file an affidavit of at least two persons that such notice has been duly posted, and shall file a copy of the notice in such land-office, and shall thereupon be entitled to a patent for the land, in the manner following: The register of the land-office, upon the filing of such application, plats, field-notes, notices, and affidavits, shall publish a notice that such application has been made, for the period of sixty days, in a newspaper to be by him designated as published nearest to such claim; and he shall also post such notice in his office for the same period. The claimant at the time of filing this application, or at any time thereafter, within the sixty days of publication, shall file with the register a certificate of the United States Surveyor-General that five hundred dollars' worth of labor has been expended or improvements made upon the claim by himself or grantors; that the plat is correct, with such further description by such reference to natural objects or permanent monuments as shall identify the claim, and furnish an accurate description, to be incorporated in the patent. At the expiration of the sixty days of publication the claimant shall file his affidavit, showing that the plat and notice have been posted in a conspicuous place on the claim during such period of publication. If no adverse claim shall have been filed with the register and the receiver of the proper land-office at the expiration of the sixty days of publication, it shall be assumed that the applicant is entitled to a patent, upon the payment to the proper officer of five dollars per acre, and that no adverse claim exists; and thereafter no objection from third parties to the issuance of a patent shall be heard, except it be shown that the applicant has failed to comply with the terms of this chapter.

VIII. ADVERSE CLAIMS:

Sec. 2326. Where an adverse claim is filed during the period of publication, it shall be upon oath of the person or persons making the same, and shall show the nature, boundaries, and extent of such adverse claim, and all proceedings, except the publication of notice and making and filing of the affidavit thereof, shall be stayed until the controversy shall have been settled or decided by a court of competent jurisdiction, or the adverse claim waived. It shall be the duty of the adverse claimant, within thirty days after filing his claim, to commence proceedings in a court of competent jurisdiction, to determine the question of the right of possession, and prosecute the same with reasonable diligence to final judgment; and a failure so to do shall be a waiver of his adverse claim. After such judgment shall have been rendered, the party entitled to the possession of the claim, or any portion thereof, may, without giving further notice, file a certified copy of the judgment roll with the register of the land-office, together with the certificate of the Surveyor-General that the requisite amount of labor has been expended or improvements made thereon, and the description required in other cases, and shall pay to the receiver five dollars per acre for his claim, together with the proper fees, whereupon the whole proceedings and the judgment-roll shall be certified by the register to the Commissioner of the General Land Office, and a patent shall issue thereon for the claim, or such portion thereof as the applicant shall appear, from the decision of the court, to rightly possess. If it appears from the decision of the court that several parties are entitled to separate and different portions of the claim, each party may pay for his portion of the claim with the proper fees, and file the certificate and description by the surveyor-general, whereupon the register shall certify the proceedings and judgment-roll to the Commissioner of the General Land Office, as in the preceding case, and patents shall issue to the several parties according to their respective rights. Nothing herein contained shall be construed to prevent the alienation of a title conveyed by a patent for a mining claim to any person whatever.

IX. DESCRIPTION OF VEIN-CLAIMS:

Sec. 2327. The description of vein or lode claims, upon surveyed lands, shall designate the location of the claim with reference to the lines of the public surveys, but need not conform therewith; but where a patent shall be issued for claims upon unsurveyed lands, the Surveyor-General, in extending the surveys, shall adjust the same to the boundaries of such patented claim, according to the plat or description thereof, but so as in no case to interfere with or change the location of any such patented claim.

X. PENDING APPLICATIONS:

Sec. 2328. Applications for patents for mining-claims under former laws now pending may be prosecuted to a final decision in the General Land Office; but in such cases where adverse rights are not affected thereby, patents may issue in pursuance of the provisions of this chapter; and all patents for mining-claims upon veins or lodes heretofore issued shall convey all the rights and privileges conferred by this chapter where no adverse rights existed on the tenth day of May, eighteen hundred and seventy-two.

XI. PLACER-CLAIMS:

Sec. 2329. Claims usually called "placers," including all forms of deposit, excepting veins of quartz, or other rock in place, shall be subject to entry and patent, under like circumstances and conditions, and upon similar proceedings, as are provided for vein or lode claims; but where the lands have been previously surveyed by the United States, the entry in its exterior limits shall conform to the legal subdivisions of the public lands.

XII. MAXIMUM OF PLACER LOCATIONS:

Sec. 2330. Legal subdivisions of forty acres may be subdivided into ten-acre tracts; and two or more persons, or associations of persons, having contiguous claims of any size, although such claims may be less than ten acres each, may make joint entry thereof; but no location of a placer-claim, made after the ninth day of July, eighteen hundred and seventy, shall exceed one hundred and sixty acres for any one person or association of persons, which location shall conform to the United States surveys; and nothing in this section contained shall defeat or impair any bona fide pre-emption or homestead claim upon agricultural lands, or authorize the sale of the improvements of any bona fide settler to any purchaser.

XIII. CONFORMITY OF PLACER-CLAIMS TO SURVEYS:

Sec. 2331. Where placer-claims are upon surveyed lands, and conform to legal subdivisions, no further survey or plat shall be required, and all placer-mining claims located after the tenth day of May, eighteen hundred and

seventy-two, shall conform as near as practicable with the United States system of public-land surveys, and the rectangular subdivisions of such surveys, and no such location shall include more than twenty acres for each individual claimant; but where placer-claims can not be conformed to legal subdivisions, survey and plat shall be made as on unsurveyed lands; and where by the segregation of mineral lands in any legal subdivision a quantity of agricultural land less than forty acres remains, such fractional portion of agricultural land may be entered by any party qualified by law, for homestead or pre-emption purposes.

XIV. EVIDENCE OF POSSESSION:

Sec. 2332. Where such person or association, they and their grantors, have held and worked their claims for a period equal to the time prescribed by the statute of limitations for mining-claims of the state or territory where the same may be situated, evidence of such possession and working of the claims for such period shall be sufficient to establish a right to a patent thereto under this chapter, in the absence of any adverse claim; but nothing in this chapter shall be deemed to impair any lien which may have attached in any way whatever to any mining-claim or property thereto attached prior to the issuance of a patent.

XV. PROCEEDINGS FOR PATENT:

Sec. 2333. Where the same person, association, or corporation is in possession of a placer-claim, and also a vein or lode included within the boundaries thereof, application shall be made for a patent for the placer-claim, with the statement that it includes such vein or lode, and in such case a patent shall issue for the placer-claim, subject to the provisions of this chapter, including such vein or lode, upon the payment of five dollars per acre for such vein or lode claim, and twenty-five feet of surface on each side thereof. The remainder of the placer-claim, or any placer-claim not embracing any vein or lode-claim, shall be paid for at the rate of two dollars and fifty cents per acre, together with all costs of proceedings; and where a vein or lode, such as is described in section twenty-three hundred and twenty, is known to exist within the boundaries of a placer-claim, an application for a patent for such placer-claim which does not include an application for the vein or lode claim shall be construed as a conclusive declaration that the claimant of the placer-claim has no right of possession of the vein or lode claim; but where the existence of a vein or lode in a placer-claim is not known, a patent for the placer-claim shall convey all valuable mineral and other deposits within the boundaries thereof.

XVI. APPOINTMENT OF SURVEYORS:

Sec. 2334. The Surveyor-General of the United States may appoint in each land-district containing mineral lands as many competent surveyors as shall apply for appointment to survey mining-claims. The expenses of the survey of vein or lode claims, and the survey and subdivision of placer-claims into smaller quantities than one hundred and sixty acres, together with the cost of publication of notices, shall be paid by the applicants, and they shall be at liberty to obtain the same at the most reasonable rates, and they shall also be at liberty to employ any United States deputy surveyor to make the survey. The Commissioner of the General Land Office shall also have power to establish the maximum charges for surveys and publication of notices under this chapter; and, in case of excessive charges for publication, he may designate any newspaper published in a land-district where mines are situated for publication of mining notices in such district, and fix the rates to be charged by such paper; and, to the end that the commissioner may be fully informed on the subject, each applicant shall file with the register a sworn statement of all charges and fees paid by such applicant for publication and surveys, together with all fees and money paid the register and the receiver of the land-office, which statement shall be transmitted, with the other papers in the case, to the Commissioner of the General Land Office.

XVII. AFFIDAVITS:

Sec. 2335. All affidavits required to be made under this chapter may be verified before any officer authorized to administer oaths within the land-district where the claims may be situated, and all testimony and proofs may be taken before any such officer; and, when duly certified by the officer taking the same, shall have the same force and effect as if taken before the register and receiver of the land-office. In cases of contest as to the mineral or agricultural character of land, the testimony and proofs may be taken as herein provided on personal notice of at least ten days to the opposing party; or if such party cannot be found, then by publication of at least once a week for thirty days in a newspaper, to be designated by the register of the land-office as published nearest to the location of such land; and the register shall require proof that such notice has been given.

XVIII. INTERSECTION OF VEINS:

Sec. 2336. Where two or more veins intersect or cross each other, priority of title shall govern, and such prior location shall be entitled to all ore or mineral contained within the space of intersection; but the subsequent location shall have the right of way through the space of intersection for the purposes of the convenient working of the mine. And where two or more veins unite, the oldest or prior location shall take the vein below the point of union, including all the space of intersection.

XIX. PATENTS FOR NON-MINERAL LAND, ETC.:

Sec. 2337. Where non-mineral land not contiguous to the vein or lode is used or occupied by the proprietor of such vein or lode for mining or milling purposes, such non-adjacent surface-ground may be embraced and included in an application for a patent for such vein or lode, and the same may be patented therewith, subject to the same preliminary requirements as to survey and notice as are applicable to veins or lodes; but no location hereafter made of such non-adjacent land shall exceed five acres, and payment for the same must be made at the same rate as fixed by this chapter for the superficies of the lode. The owner of a quartz-mill or reduction-works, not owning a mine in connection therewith, may also receive a patent for his mill-site, as provided in this section.

XX. CONDITIONS OF SALE BY LOCAL LEGISLATURE:

Sec. 2338. As a condition of sale, in the absence of necessary legislation by Congress, the local legislature of any state or territory may provide rules for working mines, involving easements, drainage, and other necessary means to their complete development; and those conditions shall be fully expressed in the patent.

XXI. WATER RIGHTS:

Sec. 2339. Whenever, by priority of possession, rights to the use of water for mining, agricultural, manufacturing, or other purposes, have vested and accrued, and the same are recognized and acknowledged by the local customs, laws, and the decisions of courts, the possessors and owners of such vested rights shall be maintained and protected in the same; and the right of way for the construction of ditches and canals for the purposes herein specified is acknowledged and confirmed; but whenever any person, in the construction of any ditch or canal, injures or damages the possession of any settler on the public domain, the party committing such injury or damage shall be liable to the party injured for such injury or damage.

Sec. 2340. All patents granted, or pre-emption or homesteads allowed, shall be subject to any vested and accrued water-rights, or rights to ditches and reservoirs used in connection with such water-rights, as may have been acquired under or recognized by the preceding section.

XXII. MINERAL LANDS OPEN TO HOMESTEADS:

Sec. 2341. Wherever, upon the lands heretofore designated as mineral lands, which have been excluded from survey and sale, there have been homesteads made by citizens of the United States, or persons who have declared their intention to become citizens, which homesteads have been made, improved, and used for agricultural purposes, and upon which there have been no valuable mines of gold, silver, cinnabar, or copper discovered, and which are properly agricultural lands, the settlers or owners of such homesteads shall have a right of pre-emption thereto, and shall be entitled to purchase the same at the price of one dollar and twenty-five cents per acre, and in quantity not to exceed one hundred and sixty acres; or they may avail themselves of the provisions of chapter five of this title, relating to "Homesteads."

Sec. 2342. Upon the survey of the lands described in the preceding section, the Secretary of the Interior may designate and set apart such portions of the same as are clearly agricultural lands, which lands shall thereafter be subject to pre-emption and sale as other public lands, and be subject to all the laws and regulations applicable to the same.

Sec. 2343. The President is authorized to establish additional land-districts, and to appoint the necessary officers under existing laws, wherever he may deem the same necessary for the public convenience in executing the provisions of this chapter.

Sec. 2344. Nothing contained in this chapter shall be construed to impair, in any way, rights or interests in mining property acquired under existing laws; nor to affect the provisions of the act entitled "An act granting to A. Sutro the right of way and other privileges to aid in the construction of a draining and exploring tunnel to the Comstock lode, in the State of Nevada," approved July twenty-five, eighteen hundred and sixty-six.

XXIII. EXCEPTION OF MINERAL LANDS IN CERTAIN STATES:

Sec. 2345. The provisions of the preceding sections of this chapter shall not apply to the mineral lands situated in the States of Michigan, Wisconsin and Minnesota, which are declared free and open to exploration and purchase,

according to legal subdivisions, in like manner as before the tenth day of May, eighteen hundred and seventy-two. And any bona fide entries of such lands within the states named since the tenth of May, eighteen hundred and seventy-two, may be patented without reference to any of the foregoing provisions of this chapter. Such lands shall be offered for public sale in the same manner, at the same minimum price, and under the same rights of preemption as other public lands.

XXIV. GRANTS TO STATES OR CORPORATIONS:

Sec. 2346. No act passed at the first session of the thirty-eighth Congress, granting lands to states or corporations to aid in the construction of roads or for other purposes, or to extend the time of grants made prior to the thirtieth day of January, eighteen hundred and sixty-five, shall be so construed as to embrace mineral lands, which in all cases are reserved exclusively to the United States, unless otherwise specially provided in the act or acts making the grant.

REPEAL PROVISIONS.

[TITLE LXXIV.]

I. REVISED STATUTES:

Sec. 5595. The foregoing seventy-three titles embrace the statutes of the United States general and permanent in their nature, in force on the first day of December, one thousand eight hundred and seventy-three, as revised and consolidated by commissioners appointed under an act of Congress, and the same shall be designated and cited as The Revised Statutes of the United States.

II. ACTS EMBRACED IN REVISION:

Sec. 5596. All acts of Congress passed prior to said first day of December, one thousand eight hundred and seventy-three, any portion of which is embraced in any section of said revision, are hereby repealed, and the section applicable thereto shall be in force in lieu thereof; all parts of such acts not contained in such revision, having been repealed or superseded by subsequent acts, or not being general and permanent in their nature: Provided, That the incorporation into such revision of any general and permanent provision, taken from an act making appropriations, or from an act containing other provisions of a private, local or temporary character, shall not repeal, or in any way affect any appropriation, or any provision of a private, local, or temporary character, contained in any of said acts, but the same shall remain in force; and all acts of Congress passed prior to said last-named day no parts of which are embraced in said revision, shall not be affected or changed by its enactment.

III. RESERVATION OF ACCRUED RIGHTS:

Sec. 5597. The repeal of the several acts embraced in said revision, shall not affect any act done, or any right accruing or accrued, or any suit or proceeding had or commenced in any civil cause before the said repeal, but all rights and liabilities under said acts shall continue, and may be enforced in the same manner, as if said repeal had not been made; nor shall said repeal, in any manner affect the right to any office, or change the term or tenure thereof.

IV. PROSECUTIONS AND PUNISHMENTS:

Sec. 5598. All offenses committed, and all penalties or forfeitures incurred under any statute embraced in said revision prior to said repeal, may be prosecuted and punished in the same manner and with the same effect, as if said repeal had not been made.

V. ACTS OF LIMITATION:

Sec. 5599. All acts of limitation, whether applicable to civil causes and proceedings, or to the prosecution of offenses, or for the recovery of penalties or forfeitures, embraced in said revision and covered by said repeal, shall not be affected thereby, but all suits, proceedings or prosecutions, whether civil or criminal, for causes arising, or acts done or committed prior to said repeal, may be commenced and prosecuted within the same time as if said repeal had not been made.

VI. ARRANGEMENT OF SECTIONS:

Sec. 5600. The arrangement and classification of the several sections of the revision have been made for the purpose of a more convenient and orderly arrangement of the same, and therefore no inference or presumption of a legislative construction is to be drawn by reason of the title, under which any particular section is placed.

VII. ACTS SINCE 1873:

Sec. 5601. The enactment of the said revision is not to affect or repeal any act of Congress passed since the first day of December, one thousand eight hundred and seventy-three, and all acts passed since that date are to have full effect as if passed after the enactment of this revision, and so far as such acts vary from, or conflict with any provision contained in said revision, they are to have effect as subsequent statutes, and as repealing any portion of the revision inconsistent therewith. June 22, 1874.

EMENDATORY AND ADDITIONAL ACTS.

I. TIME EXTENSION:

Amending the act entitled "An act to promote the development of the mining resources of the United States." May 10, 1872.

The provisions of the fifth section of the act entitled "An act to promote the development of the mining resources of the United States," passed May 10, 1872, which require expenditures of labor and improvements on claims located prior to the passage of said act, are hereby so amended that the time for the first annual expenditure on claims located prior to the passage of said act shall be extended to the first day of January, eighteen hundred and seventy-five. June 6, 1874 (18 Stat., 61).

II. TUNNELLING AS ASSESSMENT WORK:

Amending Section 2324 of the Revised Statutes (VI. District Regulations, Mining Laws).

Section two thousand three hundred and twenty-four of the Revised Statutes is hereby amended so that where a person or company has or may run a tunnel for the purpose of developing a lode or lodes, owned by said person or company, the money so expended in said tunnel shall be taken and considered as expended on said lode or lodes, whether located prior to or since the passage of said act, and such person or company shall not be required to perform work on the surface of said lode or lodes in order to hold the same as required by said act. February 11, 1875 (18 Stat., 315. VI. District Regulations. Mining Laws).

III. EXCLUSION OF STATES:

Excluding the States of Missouri and Kansas from the provisions of the "Act to promote the development of the mining resources of the United States." May 10th, 1872.

Within the States of Missouri and Kansas, deposits of coal, iron, lead, or other mineral, are hereby excluded from the operation of the act entitled "An act to promote the development of the mining resources of the United States," approved May tenth, eighteen hundred and seventy-two, and all lands in said states shall be subject to disposal as agricultural lands. May 5, 1876 (19 Stat., 52).

IV. REMOVAL OF TIMBER:

Authorizing the citizens of Colorado, Nevada, and the territories to fell and remove timber on the public domain for mining and domestic purposes.

All citizens of the United States and other persons, bona fide residents of the States of Colorado or Nevada, of either of the Territories of New Mexico, Arizona, Utah, Wyoming, Dakota, Idaho, or Montana, and all other mineral districts of the United States, shall be and are hereby, authorized and permitted to fell and remove, for building, agricultural, mining, or other domestic purposes, any timber or other trees growing or being on the public lands, said lands being mineral, and not subject to entry under existing laws of the United States, except for mineral entry, in either of said states, territories, or districts, of which such citizens or persons may be at the time bona fide residents, subject to such rules and regulations as the Secretary of the Interior may prescribe for the protection of the timber and of the undergrowth growing upon such lands, and for other purposes: Provided: the provisions of this act shall not extend to railroad corporations.

Sec. 2. It shall be the duty of the register and the receiver of any local land-office in whose district any mineral land may be situated to ascertain from time to time whether any timber is being cut or used upon any such lands, except for the purposes authorized by this act, within their respective land districts; and, if so, they shall immediately notify the Commissioner of the General Land Office of that fact; and all necessary expenses incurred in making such proper examinations shall be paid and allowed such register and receiver in making up their next quarterly accounts.

Sec. 3. Any person or persons who shall violate the provisions of this act, or any rules and regulations in pursuance thereof made by the Secretary of the Interior, shall be deemed guilty of a misdemeanor, and, upon conviction, shall be fined in any sum not exceeding five hundred dollars, and to which may be added imprisonment for any term not exceeding six months. June 3, 1878 (20 Stat., 88).

V. ASSESSMENT WORK AND MINERAL LANDS PATENTS:

Amending Sections 2324 and 2325 of the Revised Statutes. (VI. District Regulations; and VII. Patents for Mineral Lands. Mining Laws.)

Section twenty-three hundred and twenty-five of the Revised Statutes of the United States is amended by adding thereto the following words: "Provided: that where the claimant for a patent is not a resident of or within the land-district wherein the vein, lode, ledge, or deposit sought to be patented is located, the application for patent and the affidavits required to be made in this section by the claimant for such patent may be made by his, her, or its authorized agent, where said agent is conversant

with the facts sought to be established by said affidavits: and provided, that this section shall apply to all applications now pending for patents to mineral lands."

Sec. 2. Section twenty-three hundred and twenty-four of the Revised Statutes of the United States is amended by adding the following words: "Provided, that the period within which the work required to be done annually on all unpatented mineral claims shall commence on the first day of January succeeding the date of location of such claim: and this section shall apply to all claims located since the tenth day of May, anno Domini eighteen hundred and seventy-two." January 22, 1880 (21 Stat., 61).

VI. TITLE TO CLAIMS:

Amending Section 2326 of the Revised Statutes. (VIII. Proceedings on Adverse Claims. Mining Laws.)

If, in any action brought pursuant to section twenty-three hundred and twenty-six of the Revised Statutes, title to the ground in controversy shall not be established by either party, the jury shall so find, and judgment shall be entered according to the verdict. In such case costs shall not be allowed to either party, and the claimant shall not proceed in the land-office or be entitled to a patent for the ground in controversy until he shall have perfected his title. March 3, 1881 (21 Stat., 505).

VII. ADVERSE CLAIM. CITIZENSHIP:

Amending Section 2326 of the Revised Statutes, in regard to mineral lands (VIII. Proceedings on Adverse Claims, Mining Law), and for other purposes.

The adverse claim required by section twenty-three hundred and twenty-six of the Revised Statutes may be verified by the oath of any duly authorized agent or attorney-in-fact of the adverse claimant cognizant of the facts stated, and the adverse claimant, if residing or at the time being beyond the limits of the district wherein the claim is situated, may make oath to the adverse claim before the clerk of any court of record of the United States or the state or territory where the adverse claimant may then be, or before any notary public of such state or territory.

Sec. 2. Applicants for mineral patents, if residing beyond the limits of the district wherein the claim is situated, may make any oath or affidavit required for proof of citizenship before the clerk of any court of record, or before any notary public of any state or territory. April 26, 1882. (22 Stat., 49.)

VIII. EXCLUSION OF LANDS IN ALABAMA:

Excluding the public lands in Alabama from the operation of the laws relating to mineral lands.

Within the State of Alabama, all public lands, whether mineral or otherwise, shall be subject to disposal only as agricultural lands: Provided, however: that all lands which have heretofore been reported to the General Land Office as containing coal and iron shall first be offered at public sale: And provided further: that any bona fide entry under the provisions of the homestead law of lands within said State heretofore made may be patented without reference to an act approved May tenth, eighteen hundred and seventy-two, entitled, "An act to promote the development of the mining resources of the United States," in cases where the persons making application for such patents have in all other respects complied with the homestead law relating thereto. March 3, 1883. (22 Stat., 487.)

IX. MINERAL LAWS IN ALASKA:

Providing a civil government for Alaska.

Sec. 8. The said district of Alaska is hereby created a land district, and a United States land office for said district is hereby located at Sitka. The commissioner provided for by this act to reside at Sitka shall be ex officio register of said land office, and the clerk provided for by this act shall be ex officio receiver of public moneys, and the marshal provided for by this act shall be ex officio surveyor-general of said district; and the laws of the United States relating to mining claims, and the rights incident thereto, shall, from and after the passage of this act, be in full force and effect in said district, under the administration thereof herein provided for, subject to such regulations as may be made by the Secretary of the Interior, approved by the President: Provided, that the Indians or other persons in said district shall not be disturbed in the possession of any lands actually in their use or occupation or now claimed by them, but the terms under which such persons may acquire title to such lands are reserved for future legislation by Congress: And provided further, that parties who have located mines or mineral privileges therein under the laws of the United States applicable to the public domain, or who have occupied and improved or exercised acts of ownership over such claims, shall not be disturbed therein, but shall be allowed to perfect their title to such claims by payment as aforesaid: And provided also, that the land not exceeding six hundred and forty acres at any station now occupied as missionary stations among the Indian tribes in said section, with the improvements thereon erected by or for such societies, shall be continued in the occupancy of the several religious societies to which said missionary stations respectively belong until action by Congress. But nothing contained in this act shall be construed to put in force in said district the general land laws of the United States. * * * May 17, 1884. (23 Stat., 24.)

X. RESERVATION OF RIGHT OF WAY:

Making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30th, 1891, and for other purposes.

No person who shall, after the passage of this act, enter upon any of the public lands with a view to occupation, entry, or settlement under any of the land laws shall be permitted to acquire title to more than three hundred and twenty acres in the aggregate, under all of said laws, but this limitation shall not operate to curtail the right of any person who has heretofore made entry or settlement on the public lands, or whose occupation, entry, or settlement is validated by this act: Provided, that in all patents for lands hereafter taken up under any of the land laws of the United States or on entries or claims validated by this act, west of the one hundredth meridian it shall be expressed that there is reserved from the lands in said patent described a right of way thereon for ditches or canals constructed by the authority of the United States. * * * August 30, 1890. (26 Stat., 371.)

XI. TOWNSITE ENTRIES ON MINERAL LANDS; AND RESERVOIR SITES:

To repeal timber-culture laws, and for other purposes.

Sec. 16. Townsite entries may be made by incorporated towns and cities on the mineral lands of the United States, but no title shall be acquired by such towns or cities to any vein of gold, silver, cinnabar, copper, or lead, or to any valid mining claim or possession held under existing law. When mineral veins are possessed within the limits of an incorporated town or city, and such possession is recognized by local authority or by the laws of the United States, the title to town lots shall be subject to such recognized possession and the necessary use thereof and when entry has been made or patent issued for such townsites to such incorporated town or city, the possessor of such mineral vein may enter and receive patent for such mineral vein, and the surface ground appertaining thereto: Provided, that no entry shall be made by such mineral-vein claimant for surface ground where the owner or occupier of the surface ground shall have had possession of the same before the inception of the title of the mineral-vein applicant.

Sec. 17. Reservoir sites located or selected and to be located and selected under the provisions of "An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine, and for other purposes," and amendments thereto, shall be restricted to and shall contain only so much land as is actually necessary for the construction and maintenance of reservoirs, excluding so far as practicable lands occupied by actual settlers at the date of the location of said reservoirs, and that the provisions of "An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and ninety-one, and for other purposes," which reads as follows, viz: "No person who shall after the passage of this act enter upon any of the public lands with a view to occupation, entry, or settlement under any of the land laws shall be permitted to acquire title to more than three hundred and twenty acres in the aggregate under all said laws," shall be construed to include in the maximum amount of lands the title to which is permitted to be acquired by one person only agricultural lands and not include lands entered or sought to be entered under mineral land laws. * * * March 3, 1891. (26 Stat., 1095.)

XII. ENTRY ON QUARRY LANDS:

Authorizing the entry of lands chiefly valuable for building stone, under the placer mining laws.

Any person authorized to enter lands under the mining laws of the United States may enter lands that are chiefly valuable for building stone under the provisions of the law in relation to placer mineral claims: Provided, that lands reserved for the benefit of the public schools or donated to any state shall not be subject to entry under this act.

Sec. 2. An act entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," approved June third, eighteen hundred and seventy-eight, is hereby amended by striking out the words "States of California, Oregon, Nevada, and Washington Territory" where the same occur in the second and third lines of said act, in lieu thereof being inserted the words, "public-land states," the purpose of this act being to make said act of June third, eighteen hundred and seventy-eight, applicable to all the public-land states.

Sec. 3. Nothing in this act shall be construed to repeal section twenty-four of the act entitled "An act to repeal timber-culture laws, and for other purposes," approved March third, eighteen hundred and ninety-one. August 4, 1892.

[By an official circular of October 12th, 1892, issued from the General Land Office at Washington, and addressed to the registers and receivers of all United States land

offices, it is expressed that: "The first section of said act extends the mineral land laws already existing so as to bring land chiefly valuable for building stone within the provisions of said law to the extent of authorizing a placer entry of such land. The proviso to said first section excludes lands reserved for the benefit of the public schools or donated to any state from entry under the act," and also that: "It is not the understanding of the office that the first section of said act of August 4, 1892, withdraws land chiefly valuable for building stone from entry under any existing law applicable thereto;" and further, that: "The second section of said act of August 4, 1892, makes the timber and stone act of June 3, 1878 (20 Stat., 89), applicable to all the public-land states."]

XIII. SUSPENSION OF ASSESSMENT WORK:

Amending section 2324 of the Revised Statutes (VI. District Regulations. Mining Laws.)

The provisions of section numbered twenty-three hundred and twenty-four of the Revised Statutes of the United States, which require that on each claim located after the tenth day of May, eighteen hundred and seventy-two, and until patent has been issued therefor, not less than one hundred dollars' worth of labor shall be performed or improvements made during each year, be suspended for the year eighteen hundred and ninety-four, so that no mining claim which has been regularly located and recorded as required by the local laws and mining regulations shall be subject to forfeiture for non-performance of the annual assessment for the year eighteen hundred and ninety-four: Provided, that the claimant or claimants of any mining location, in order to secure the benefits of this Act, shall cause to be recorded in the office where the location notice or certificate is filed on or before December thirty-first, eighteen hundred and ninety-four, a notice that he or they in good faith intend to hold and work said claim: Provided, however, that the provisions of this act shall not apply to the State of South Dakota. Sec. 2. This act shall take effect from and after its passage. July 18, 1894 (28 Stat., 114).

ADMINISTRATIVE REGULATIONS.

I. MINERAL LANDS:

1. It will be perceived that by the foregoing provisions of law the mineral lands in the public domain, surveyed or unsurveyed, are open to exploration, occupation, and purchase by all citizens of the United States and all those who have declared their intentions to become such.

II. STATUS OF LODE-CLAIMS:

2. By an examination of the several sections of the Revised Statutes it will be seen that the status of lode-claims located previous to the 10th May, 1872, is not changed with regard to their extent along the lode or width of surface.

3. Mining rights acquired under such previous locations are, however, enlarged by such Revised Statutes in the following respect, viz: The locators of all such previously taken veins or lodes, their heirs and assigns, so long as they comply with the laws of congress and with state, territorial, or local regulations not in conflict therewith, governing mining claims, are invested with the exclusive possessory right of all the surface included within the lines of their locations, and of all veins, lodes, or ledges throughout their entire depth, the top or apex of which lies inside of such surface lines extended downward vertically, although such veins, lodes, or ledges may so far depart from a perpendicular in their course downward as to extend outside the vertical side-lines of such locations at the surface, it being expressly provided, however, that the right of possession to such outside parts of said veins or ledges shall be confined to such portions thereof as lie between vertical planes drawn downward, as aforesaid, through the end lines of their locations so continued in their own direction that such planes will intersect such exterior parts of such veins, lodes, or ledges; no right being granted, however, to the claimant of such outside portion of a vein or ledge to enter upon the surface location of another claimant.

4. It is to be distinctly understood, however, that the law limits the possessory right to veins, lodes, or ledges, other than the one named in the original location, to such as were not adversely claimed on May 10, 1872, and that where such other vein or ledge was so adversely claimed at that date, the right of the party so adversely claiming is in no way impaired by the provisions of the Revised Statutes.

5. In order to hold the possessory title to a mining claim located prior to May 10, 1872, and for which a patent has not been issued, the law requires that ten dollars shall be expended annually in labor or improvements on each claim of one hundred feet on the course of the vein or lode until a patent shall have been issued therefor; but where a number of such claims are held in common upon the same vein or lode, the aggregate expenditure that would be necessary to hold all the claims, at the rate of ten dollars per hundred feet, may be made upon any one claim; a failure to comply with this requirement in any one year subjecting the claim upon which such failure occurred to relocation by other parties, the same as if no previous location thereof had ever been made, unless the claimants under the original location shall have resumed work thereon after such failure and before such relocation. The first annual expenditure upon claims of this class should have been performed subsequent to May 10, 1872, and prior to January 1, 1875. From and after January 1, 1875, the required amount must be expended annually until patent issues. By decision of the Honorable the Secretary of the Interior, dated March 4, 1879, such annual expenditures are not required subsequent to entry, the date of issuing the patent certificate being the date contemplated by statute.

6. Upon the failure of any one of several co-owners of a vein, lode, or ledge, which has not been entered, to contribute his proportion of the expenditures necessary to hold the claim or claims so held in ownership in common, the co-owners, who have performed the labor or made the improvements as required by said Revised Statutes, may at the expiration of the year give such delinquent co-owner personal notice in writing, or notice by publication in the newspaper published nearest the claim for at least once a week for ninety days; and if upon the expiration of ninety days after such notice in writing, or upon the expiration of one hundred and eighty days after the first newspaper publication of notice, the delinquent co-owner shall have failed to contribute his proportion to meet such expenditures or improvements, his interest in the claim by law passes to his co-owners who have made the expenditures or improvements as aforesaid. Where a claimant alleges ownership of a forfeited interest under the foregoing provisions, the sworn statement of the publisher as to the facts of publication, giving dates and a printed copy of the notice published, should be furnished, and the claimant must swear that the delinquent co-owner failed to contribute his proper proportion within the period fixed by the statute.

III. PATENTS ISSUED:

7. Rights under patents for veins or lodes heretofore granted under previous legislation of congress are enlarged by the Revised Statutes so as to invest the patentee, his heirs or assigns, with title to all veins, lodes, or ledges throughout their entire depth, the top or apex of which lies within the end and side boundary lines of his claim on the surface, as patented, extended downward vertically, although such veins, lodes, or ledges may so far depart from a perpendicular in their course downward as to extend outside the vertical side-lines of the claim at the surface. The right of possession to such outside parts of such veins or ledges to be confined to such portions thereof as lie between vertical planes drawn downward through the end lines of the claims at the surface, so continued in their own direction that such planes will intersect such exterior parts of such veins or ledges; it being expressly provided, however, that all veins, lodes, or ledges, the top or apex of which lies inside such surface locations, other than the one named in the patent, which were adversely claimed on the 10th May, 1872, are excluded from such conveyance by patent.

8. Applications for patents for mining claims pending at the date of the act of May 10, 1872, may be prosecuted to final decision in the General Land Office, and where no adverse rights are affected thereby, patents will be issued in pursuance of the provisions of the Revised Statutes.

IV. LOCATION OF LODE CLAIMS:

9. From and after the 10th May, 1872, any person who is a citizen of the United States, or who has declared his intention to become a citizen, may locate, record, and hold a mining claim of fifteen hundred linear feet along the course of any mineral vein or lode subject to location; or an association of persons, severally qualified as above, may make joint location of such claim of fifteen hundred feet, but in no event can a location of a vein or lode made subsequent to May 10, 1872, exceed fifteen hundred feet along the course thereof, whatever may be the number of persons composing the association.

10. With regard to the extent of surface-ground adjoining a vein or lode, and claimed for the convenient working thereof, the Revised Statutes provide that the lateral extent of locations of veins or lodes made after May 10, 1872, shall in no case exceed three hundred feet on each side of the middle of the vein at the surface, and that no such surface rights shall be limited by any mining regulations to less than twenty-five feet on each side of the middle of the vein at the surface, except where adverse rights existing on the 10th May, 1872, may render such limitation necessary; the end-lines of such claims to be in all cases parallel to each other. Said lateral measurements cannot extend beyond three hundred feet on either side of the middle of the vein at the surface, or such distance as is allowed by local laws. For example: four hundred feet cannot be taken on one side and two hundred feet on the other. If, however, three hundred feet on each side are allowed, and by reason of prior claims but one hundred feet can be taken on one side, the locator will not be restricted to less than three hundred feet on the other side; and when the locator does not determine

by exploration where the middle of the vein at the surface is, his discovery shaft must be assumed to mark such point.

11. By the foregoing it will be perceived that no lode-claim located after the 10th May, 1872, can exceed a parallelogram fifteen hundred feet in length by six hundred feet in width, but whether surface-ground of that width can be taken, depends upon the local regulations or state or territorial laws in force in the several mining districts; and that no such local regulations or state or territorial laws shall limit a vein or lode claim to less than fifteen hundred feet along the course thereof, whether the location is made by one or more persons, nor can surface rights be limited to less than fifty feet in width, unless adverse claims existing on the 10th day of May, 1872, render such lateral limitation necessary.

12. It is provided by the Revised Statutes that the miners of each district may make rules and regulations not in conflict with the laws of the United States, or of the state or territory in which such districts are respectively situated, governing the location, manner of recording, and amount of work necessary to hold possession of a claim. They likewise require that the location shall be so distinctly marked on the ground that its boundaries may be readily traced. This is a very important matter, and locators cannot exercise too much care in defining their locations at the outset, inasmuch as the law requires that all records of mining locations made subsequent to May 10, 1872, shall contain the name or names of the locators, the date of the location, and such a description of the claim or claims located, by reference to some natural object or permanent monument, as will identify the claim.

13. The statutes provide that no lode-claim shall be recorded until after the discovery of a vein or lode within the limits of the claim located, the object of which provision is evidently to prevent the appropriation of presumed mineral ground for speculative purposes to the exclusion of bona fide prospectors, before sufficient work has been done to determine whether a vein or lode really exists.

14. The claimant should, therefore, prior to locating his claim, unless the vein can be traced upon the surface, sink a shaft, or run a tunnel or drift, to a sufficient depth therein to discover and develop a mineral-bearing vein, lode, or crevice; should determine, if possible, the general course of such vein in either direction from the point of discovery, by which direction he will be governed in marking the boundaries of his claim on the surface. His location notice should give the course and distance as nearly as practicable from the discovery-shaft on the claim, to some permanent, well-known points or objects, such, for instance, as stone monuments, blazed trees, the confluence of streams, point of intersection of well-known gulches, ravines, or roads, prominent buttes, hills, etc., which may be in the immediate vicinity, and which will serve to perpetuate and fix the locus of the claim and render it susceptible of identification from the description thereof given in the record of locations in the district, and should be duly recorded.

15. In addition to the foregoing data, the claimant should state the names of adjoining claims, or, if none adjoin, the relative positions of the nearest claims; should drive a post or erect a monument of stones at each corner of his surface-ground, and at the point of discovery or discovery shaft should fix a post, stake, or board, upon which should be designated the name of the lode, the name or names of the locators, the number of feet claimed, and in which direction from the point of discovery; it being essential that the location notice filed for record, in addition to the foregoing description, should state whether the entire claim of fifteen hundred feet is taken on one side of the point of discovery, or whether it is partly upon one and partly upon the other side thereof, and in the latter case, how many feet are claimed upon each side of such discovery-point.

16. Within a reasonable time, say twenty days after the location shall have been marked on the ground, or such time as is allowed by the local laws, notice thereof, accurately describing the claim in manner aforesaid, should be filed for record with the proper recorder of the district, who will thereupon issue the usual certificate of location.

17. In order to hold the possessory right to a location made since May 10, 1872, not less than one hundred dollars' worth of labor must be performed, or improvements made thereon annually until entry shall have been made. Under the provisions of the act of Congress approved January 22, 1880, the first annual expenditure becomes due and must be performed during the calendar year succeeding that in which the location was made. Expenditure made or labor performed prior to the first day of January succeeding the date of location will not be considered as a part of, or applied upon the first annual expenditure required by law. Failure to make the expenditure or perform the labor required will subject the claim to relocation by any other party having the necessary qualifications, unless the original locator, his heirs, assigns, or legal representatives have resumed work thereon after such failure and before such relocation.

18. The expenditures required upon mining-claims may be made from the surface or in running a tunnel for the development of such claims, the act of February 11, 1875, providing that where a person or company has, or may, run a tunnel for the purpose of developing a lode or lodes owned by said person or company, the money so expended in said tunnel shall be taken and considered as expended on said lode or lodes, and such person or company shall not be required to perform work on the surface of said lode or lodes in order to hold the same.

19. The importance of attending to these details in the matter of location, labor, and expenditure will be the more readily perceived when it is understood that a failure to give the subject proper attention may invalidate the claim.

V. TUNNEL RIGHTS:

20. Section 2323 provides that where a tunnel is run for the development of a vein or lode, or for the discovery of mines, the owners of such tunnel shall have the right of possession of all veins or lodes within three thousand feet from the face of such tunnel on the line thereof, not previously known to exist, discovered in such tunnel, to the same extent as if discovered from the surface; and locations on the line of such tunnel of veins or lodes not appearing on the surface, made by other parties after the commencement of the tunnel, and while the same is being prosecuted with reasonable diligence, shall be invalid; but failure to prosecute the work on the tunnel for six months shall be considered as an abandonment of the right to all undiscovered veins or lodes on the line of said tunnel.

21. The effect of this is simply to give the proprietors of a mining tunnel run in good faith the possessory right to fifteen hundred feet of any blind lodes cut, discovered, or intersected by such tunnel, which were not previously known to exist, within three thousand feet from the face or point of commencement of such tunnel, and to prohibit other parties, after the commencement of the tunnel, from prospecting for and making locations of lodes on the line thereof and within said distance of three thousand feet, unless such lodes appear upon the surface or were previously known to exist.

22. The term "face," as used in said section, is construed and held to mean the first working face formed in the tunnel, and to signify the point at which the tunnel actually enters cover; it being from this point that the three thousand feet are to be counted, upon which prospecting is prohibited as aforesaid.

23. To avail themselves of the benefits of this provision of law, the proprietors of a mining tunnel will be required, at the time they enter cover as aforesaid, to give proper notice of their tunnel location by erecting a substantial post, board, or monument at the face or point of commencement thereof, upon which should be posted a good and sufficient notice, giving the names of the parties or company claiming the tunnel-right; the actual or proposed course or direction of the tunnel; the height and width thereof, and the course and distance from such face or point of commencement to some permanent well-known objects in the vicinity by which to fix and determine the locus in manner heretofore set forth applicable to locations of veins or lodes, and at the time of posting such notice they shall, in order that miners or prospectors may be enabled to determine whether or not they are within the lines of the tunnel, establish the boundary lines thereof, by stakes or monuments placed along such lines at proper intervals, to the terminus of the three thousand feet from the face or point of commencement of the tunnel, and the lines so marked will define and govern as to the specific boundaries within which prospecting for lodes not previously known to exist is prohibited while work on the tunnel is being prosecuted with reasonable diligence.

24. At the time of posting notice and marking out the lines of the tunnel as aforesaid, a full and correct copy of such notice of location defining the tunnel claim must be filed for record with the mining recorder of the district, to which notice must be attached the sworn statement or declaration of the owners, claimants, or projectors of such tunnel, setting forth the facts in the case; stating the amount expended by themselves and their predecessors in interest in prosecuting work thereon; the extent of the work performed, and that is is bona fide their intention to prosecute work on the tunnel so located and described with reasonable diligence for the development of a vein or lode, or for the discovery of mines, or both, as the case may be. This notice of location must be duly recorded, and, with the said sworn statement attached, kept on the recorder's files for future reference.

25. By a compliance with the foregoing much needless difficulty will be avoided, and the way for the adjustment of legal rights acquired in virtue of said section 2323 will be made much more easy and certain.

26. This office will take particular care that no improper advantage is taken of this provision of law by parties making or professing to make tunnel locations, ostensibly for the purposes named in the statute, but really for the purpose of monopolizing the lands lying in front of their tunnels to the detriment of the mining interests and to the exclusion of bona fide prospectors or miners, but will hold such tunnel claimants to a strict

compliance with the terms of the statutes; and a reasonable diligence on their part in prosecuting the work is one of the essential conditions of their implied contract. Negligence or want of due diligence will be construed as working a forefeiture of their right to all undiscovered veins on the line of such tunnel.

VI. PROCEEDINGS FOR TITLE TO LODE CLAIMS:

27. By section 2325 authority is given for granting titles for mines by patent from the government to any person, association, or corporation having the necessary qualifications as to citizenship and holding the right of possession to a claim in compliance with law.

28. The claimant is required in the first place to have a correct survey of his claim made under authority of the surveyor-general of the state or territory in which the claim lies; such survey to show with accuracy the exterior surface boundaries of the claim, which boundaries are required to be distinctly marked by monuments on the ground. Four plats and one copy of the original field notes, in each case, will be prepared by the surveyor-general; one plat and the original field notes to be retained in the office of the surveyor-general, one copy of the plat to be given the claimant for posting upon the claim, one plat and a copy of the field notes to be given the claimant for filing with the proper register, to be finally transmitted by that officer, with other papers in the case, to this office, and one plat to be sent by the surveyor-general to the register of the proper land district to be retained on his files for future reference. As there is no resident surveyor-general for the State of Arkansas, applications for the survey of mineral claims in said state should be made to the commissioner of this office, who, under the law, is ex officio the United States Surveyor-General.

29. The claimant is then required to post a copy of the plat of such survey in a conspicuous place upon the claim, together with notice of his intention to apply for a patent therefor, which notice will give the date of posting, the name of the claimant, the name of the claim, mine, or lode; the mining district and county; whether the location is of record, and, if so, where the record may be found; the number of feet claimed along the vein and the presumed direction thereof; the number of feet claimed on the lode in each direction from the point of discovery, or other well-defined place on the claim; the name or names of adjoining claimants on the same or other lodes; or if none adjoin, the names of the nearest claims, etc.

30. After posting the said plat and notice upon the premises, the claimant will file with the proper register and receiver a copy of such plat and the field notes of survey of the claim, accompanied by the affidavit of at least two credible witnesses, that such plat and notice are posted conspicuously upon the claim, giving the date and place of such posting; a copy of the notice so posted to be attached to, and form a part of, said affidavit.

31. Accompanying the field notes so filed must be the sworn statement of the claimant that he has the possessory right to the premises therein described, in virtue of a compliance by himself (and by his grantors, if he claims by purchase) with the mining rules, regulations, and customs of the mining-district, state, or territory in which the claim lies, and with the mining laws of Congress; such sworn statement to narrate briefly, but as clearly as possible, the facts constituting such compliance, the origin of his possession, and the basis of his claim to a patent.

32. This affidavit should be supported by appropriate evidence from the mining recorder's office as to his possessory right, as follows, viz: Where he claims to be the locator, or a locator in company with others who have since conveyed their interest in the location to him, a full, true and correct copy of such location should be furnished, as the same appears upon the mining records; such copy to be attested by the seal of the recorder, or if he has no seal, then he should make oath to the same being correct, as shown by his records. Where the applicant claims only as a purchaser for valuable consideration, a copy of the location record must be filed under seal or upon oath as aforesaid, with an abstract of title from the proper recorder, under seal or oath as aforesaid, brought down as near as practicable to date of filing the application, tracing the right of possession by a continuous chain of conveyances from the original locators to the applicant, also certifying that no conveyances affecting the title to the claim in question appear of record in his office other than those set forth in the accompanying abstract.

33. In the event of the mining records in any case having been destroyed by fire or otherwise lost, affidavit of the fact should be made, and secondary evidence of possessory title will be received, which may consist of the affidavit of the claimant, supported by those of any other parties cognizant of the facts relative to his location, occupancy, possession, improvements, etc.; and in such case of lost records, any deeds, certificates of location or purchase, or other evidence, which may be in the claimant's possession and tend to establish his claim, should be filed.

34. Upon the receipt of these papers the register will, at the expense of the claimant (who must furnish the agreement of the publisher to hold applicant for patent alone responsible for charges of publication), publish a notice of such application for the period of sixty days in a newspaper published nearest to the claim, and will post a copy of such notice in his office for the same period. When the notice is published in a weekly newspaper ten consecutive insertions are necessary; when in a daily newspaper the notice must appear in each issue for sixty-one consecutive issues, the first day of issue being excluded in estimating the period of sixty days.

35. The notices so published and posted must be as full and complete as possible, and embrace all the data given in the notice posted upon the claim.

36. Too much care can not be exercised in the preparation of these notices, inasmuch as upon their accuracy and completeness will depend, in a great measure, the regularity and validity of the whole proceeding.

37. In the publication of final-proof notices the register has no discretion under the law to designate any other than the newspaper "nearest the land" for such purpose when such paper is a newspaper of general circulation. But he will in all cases designate the newspaper of general circulation that is published nearest the land, geographically measured. When two or more such newspapers are published in the same town, nearest the land, he may select the one which, in his honest and impartial judgment as a public officer, will best subserve the purpose of the law and the general interests of the public.

38. Newspaper charges must not exceed the rates established by this office for the publication of legal notices.

39. The claimant, either at the time of filing these papers with the register or at any time during the sixty days' publication, is required to file a certificate of the surveyor-general that not less than five hundred dollars' worth of labor has been expended or improvements made upon the claim by the applicant or his grantors; that the plat filed by the claimant is correct; that the field notes of the survey, as filed, furnish such an accurate description of the claim as will, if incorporated into a patent, serve to fully identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

40. It will be the more convenient way to have this certificate indorsed by the surveyor-general, both upon the plat and field-notes of survey filed by the claimant as aforesaid.

41. After the sixty days' period of newspaper publication has expired the claimant will furnish from the office of publication a sworn statement that the notice was published for the statutory period, giving the first and last day of such publication, and his own affidavit showing that the plat and notice aforesaid remained conspicuously posted upon the claim sought to be patented during said sixty days' publication, giving the dates.

42. Upon the filing of this affidavit the register will, if no adverse claim was filed in his office during the period of publication, permit the claimant to pay for the land according to the area given in the plat and field notes of survey aforesaid, at the rate of five dollars for each acre and five dollars for each fractional part of an acre, the receiver issuing the usual duplicate receipt therefor. The claimant will also make a sworn statement of all charges and fees paid by him for publication and surveys, together with all fees and money paid the register and receiver of the land office; after which the whole matter will be forwarded to the Commissioner of the General Land Office and a patent issued thereon if found regular.

43. In sending up the papers in the case the register must not omit certifying to the fact that the notice was posted in his office for the full period of sixty days, such certificate to state distinctly when such posting was done and how long continued.

44. The consecutive series of numbers of mineral entries must be continued, whether the same are of lode or placer claims or mill sites.

45. The surveyors-general should designate all surveyed mineral claims by a progressive series of numbers, beginning with survey No. 37, irrespective as to whether they are situated on surveyed or unsurveyed lands, the claim to be so designated at date of issuing the order therefor, in addition to the local designation of the claim; it being required in all cases that the plat and field-notes of the survey of a claim must, in addition to the reference to permanent objects in the neighborhood, describe the locus of the claim, with reference to the lines of public surveys, by a line connecting a corner of the claim with the nearest public corner of the United States surveys, unless such claim be on unsurveyed lands at a distance of more than two miles from such public corner, in which latter case it should be connected with a United States mineral monument. Such connecting line must not be more than two miles in length and should be measured on the ground direct between the points, or calculated from actually surveyed traverse lines if the nature of the country should not permit direct measurement. If a regularly established survey corner is within two miles of a claim situated on unsurveyed lands, the connection should be made with such corner in preference to a connection with a United States mineral monument. The connecting line must be surveyed by the deputy mineral surveyor at the time of his making the particular survey, and be made a part thereof.

46. Upon the approval of the survey of a mining claim made upon surveyed lands, the surveyor-general will prepare and transmit to the local land office and to this office a diagram tracing showing the portions of legal forty-acre subdivisions made fractional by reason of the mineral survey, designating each of such portions by the proper lot number, beginning with No. 1 in each section and giving the area of each lot.

47. The survey and plat of mineral claims, required by section 2325, Revised Statutes of the United States, to be filed in the proper land office, with application for patent, must be made subsequent to the recording of the location of the mine; and when the original location is made by survey of a United States deputy surveyor such location survey can not be substituted for that required by the statute, as above indicated.

48. The surveyor-general should derive his information upon which to base his certificate as to the value of labor expended or improvements made from his deputy who makes the actual survey and examination upon the premises, and such deputy should specify with particularity and full detail the character and extent of such improvements

49. The following particulars should be observed in the survey of every mining claim: i. The exterior boundaries of the claim should be represented on the plat of survey and in the field notes. ii. The intersection of the lines of the survey with the lines of conflicting prior surveys should be noted in the field-notes and represented upon the plat. iii. Conflicts with unsurveyed claims, where the applicant for survey does not claim the area in conflict, should be shown by actual survey. iv. The total area of the claim embraced by the exterior boundaries should be stated, and also the area in conflict with each intersecting survey, substantially as follows:

	Acres.
Total area of claim	10.50
Area in conflict with survey No. 302	1.56
Area in conflict with survey No. 948	2.33
Area in conflict with Mountain Maid lode mining claim, unsurveyed	1.48

It does not follow that because mining surveys are required to exhibit all conflicts with prior surveys the areas of conflict are to be excluded. The field-notes and plat are made a part of the application for patent, and care should be taken that the description does not inadvertently exclude portions intended to be retained. It is better that the application for patent should state the portions to be excluded in express terms. A survey executed as in the example given will enable the applicant for patent to exclude such conflicts as may seem desirable. For instance, the conflict with survey No. 302 and with the Mountain Maid lode claim might be excluded and that with survey No. 948 included.

50. The rights granted to locators under section 2322, Revised Statutes, are restricted to such locations on veins, lodes, or ledges as may be "situated on the public domain." In applications for lode claims where the survey conflicts with a prior valid lode claim or entry and the ground in conflict is excluded, the applicant not only has no right to the excluded ground, but he has no right to that portion of any vein or lode the top or apex of which lies within such excluded ground, unless his location was prior to May 10, 1872. His right to the lode claimed terminates where the lode, in its onward course or strike, intersects the exterior boundary of such excluded ground and passes within it.

51. The end line of his survey should not, therefore, be established beyond such intersection, unless it should be necessary so to do for the purpose of including ground held and claimed under a location which was made upon public land and valid at the time it was made. To include such ground (which may possibly embrace other lodes) the end line of the survey may be established within the conflicting survey, but the line must be so run as not to extend any farther into the conflicting survey than may be necessary to make such end line parallel to the other end line and at the same time embrace the ground so held and claimed. The useless practice in such cases of extending both the side lines of a survey into the conflicting survey and establishing an end line wholly within it, beyond a point necessary under the rule just stated, will be discontinued.

VII. PLACER CLAIMS:

52. The proceedings to obtain patents for claims usually called placers, including all forms of deposit, excepting veins of quartz or other rock in place, are similar to the proceedings prescribed for obtaining patents for vein or lode claims; but where said placer claim shall be upon surveyed lands, and conforms to legal subdivisions, no further survey or plat will be required, and all placer mining claims located after May 10, 1872, shall conform as nearly as practicable with the United States system of public-land surveys and the rectangular subdivisions of such surveys, and no such location shall include more than twenty acres for each individual claimant; but where placer claims can not be conformed to legal subdivisions, survey and plat shall be made as on unsurveyed lands. But where such claims are located previous to the public surveys, and do not conform to legal subdivisions, survey, plat, and entry thereof may be made according to the boundaries thereof, provided the location is in all respects legal.

53. The proceedings for obtaining patents for veins or lodes having already been fully given, it will not be necessary to repeat them here, it being thought that careful attention thereto by applicants and the local officers will enable them to act understandingly in the matter and make such slight modifications in the notice, or otherwise, as may be necessary in view of the different nature of the two classes of claims, placer claims being fixed, however, at two dollars and fifty cents per acre, or fractional part of an acre.

54. By section 2330, authority is given for the subdivision of forty-acre legal subdivisions into ten-acre lots, which is intended for the greater convenience of miners in segregating their claims both from one another and from intervening agricultural lands.

55. It is held, therefore, that under a proper construction of the law these ten-acre lots in mining districts should be considered and dealt with, to all intents and purposes, as legal subdivisions, and that an applicant having a legal claim which conforms to one or more of these ten-acre lots, either adjoining or cornering, may make entry thereof, after the usual proceedings, without further survey or plat.

56. In cases of this kind, however, the notice given of the application must be very specific and accurate in description, and as the forty-acre tracts may be subdivided into ten-acre lots, either in the form of squares of ten by ten chains, or if parallelograms five by twenty chains, so long as the lines are parallel and at right angles with the lines of the public surveys, it will be necessary that the notice and application state specifically what ten-acre lots are sought to be patented, in addition to the other data required in the notice.

57. Where the ten-acre subdivision is in the form of a square it may be described, for instance, as the "SE. ¼ of the SW. ¼ of NW. ¼," or, if in the form of a parallelogram as aforesaid, it may be described as the "W. ½ of the W. ½ of the SW. ¼ of the NW. ¼ (or the N. ½ of the S. ½ of the NE. ¼ of the SE. ¼) of section ———, township ———, range ———," as the case may be; but, in addition to this description of the land, the notice must give all the other data that is required in a mineral application, by which parties may be put on inquiry as to the premises sought to be patented. The proofs submitted with applications for claims of this kind must show clearly the character and the extent of the improvements upon the premises.

Inasmuch as the surveyor-general has no duty to perform in connection with the entry of a placer claim of legal subdivisions, the proof of improvements must show their value to be not less than five hundred dollars and that they were made by the applicant for patent or his grantors. The annual expenditure to the amount of one hundred dollars, required by section 2324, Revised Statutes, must be made upon placer claims as well as lode claims.

58. Applicants for patent to a placer claim, who are also in possession of a known vein or lode included therein, must state in their application that the placer includes such vein or lode. The published and posted notices must also include such statement. If veins or lodes lying within a placer location are owned by other parties, the fact should be distinctly stated in the application for patent, and in all notices. But in all cases whether the lode is claimed or excluded, it must be surveyed and marked upon the plat; the field notes and plat giving the area of the lode claim or claims and the area of the placer separately. It should be remembered that an application which omits to include an application for a known vein or lode therein, must be construed as a conclusive declaration that the applicant has no right of possession to the vein or lode. Where there is no known lode or vein, the fact must appear by the affidavit of two or more witnesses.

59. By section 2330, it is declared that no location of a placer claim, made after July 9, 1870, shall exceed one hundred and sixty acres for any one person or association of persons, which location shall conform to the United States surveys.

60. Section 2331 provides that all placer-mining claims located after May 10, 1872, shall conform as nearly as practicable with the United States systems of public surveys and the subdivisions of such surveys, and no such locations shall include more than twenty acres for each individual claimant.

61. The foregoing provisions of law are construed to mean that after the 9th day of July, 1870, no location of a placer claim can be made to exceed one hundred and sixty acres, whatever may be the number of locators associated together, or whatever the local regulations of the district may allow; and that from and after May 10, 1872, no location made by an individual can exceed twenty acres, and no location made by an association of individuals can exceed one hundred and sixty acres, which location of one hundred and sixty acres can not be made by a less number than eight bona fide locators; and no local laws or mining regulations can restrict a placer location

to less than twenty acres, although the locator is not compelled to take so much.

62. The regulations hereinbefore given as to the manner of marking locations on the ground, and placing the same on record, must be observed in the case of placer locations so far as the same are applicable, the law requiring, however, that where placer claims are upon surveyed public lands the locations must hereafter be made to conform to legal subdivisions thereof as near as practicable.

63. The first care in recognizing an application for patent upon a placer claim must be exercised in determining the exact classification of the lands. To this end the clearest evidence of which the case is capable should be presented.

(1) If the claim be all placer ground, that fact must be stated in the application and corroborated by accompanying proofs; if of mixed placers and lodes, it should be so set out, with a description of all known lodes situated within the boundaries of the claim. A specific declaration, such as is required by section 2333, Revised Statutes, must be furnished as to each lode intended to be claimed. All other known lodes are, by the silence of the applicant, excluded by law from all claim by him, of whatsoever nature, possessory or otherwise.

(2) Section 2395, Revised Statutes (subdivision 7), requires the surveyor to "note in his field books the true situation of all mines, salt licks, salt springs, and mill seats which come to his knowledge;" also "all watercourses over which the lines he runs may pass." It further requires him to "note the quality of the lands." These descriptive notes are required by subdivision 8 to be incorporated in the plat by the surveyor-general.

(3) If these duties have been performed, the public surveys will furnish a reasonable guide to the district officers and to claimants in prosecuting their applications. But experience has shown that great neglect has resulted from inattention to the law in this respect, and the regular plats are of very little value in the matter. It will, therefore, be required in the future that deputy surveyors shall, at the expense of the parties, make full examination of all placer claims surveyed by them, and duly note the facts as specified in the law, stating the quality and composition of the soil, the kind and amount of timber and other vegetation, the locus and size of streams, and such other matters as may appear upon the surface of the claim. This examination should include the character and extent of all surface and underground workings, whether placer or lode, for mining purposes.

(4) In addition to these data, which the law requires to be shown in all cases, the deputy should report with reference to the proximity of centers of trade or residence; also of well-known systems of lode deposit or of individual lodes. He should also report as to the use or adaptability of the claim for placer mining; whether water has been brought upon it in sufficient quantity to mine the same, or whether it can be procured for that purpose; and, finally, what works or expenditures have been made by the claimant or his grantors for the development of the claim, and their situation and location with respect to the same as applied for.

(5) This examination should be reported by the deputy under oath to the surveyor-general, and duly corroborated; and a copy of the same should be furnished with the application for patent to the claim, constituting a part thereof, and included in the oath of the applicant.

(6) Applications awaiting entry, whether published or not, must be made to conform to these regulations, with respect to examination as to the character of the land. Entries already made will be suspended for such additional proofs as may be deemed necessary in each case.

VIII. MILL-SITES:

64. Section 2337 provides that "where non-mineral land not contiguous to the vein or lode is used or occupied by the proprietor of such vein or lode for mining or milling purposes, such nonadjacent surface ground may be embraced and included in an application for a patent for such vein or lode, and the same may be patented therewith, subject to the same preliminary requirements as to survey and notice as are applicable to veins or lodes; but no location hereafter made of such nonadjacent land shall exceed five acres, and payment for the same must be made at the same rate as fixed by this chapter for the superficies of the lode. The owner of a quartz-mill or reduction-works, not owning a mine in connection therewith, may also receive a patent for his mill-site, as provided in this section."

65. To avail themselves of this provision of law, parties holding the possessory right to a vein or lode, and to a piece of non-mineral land not contiguous thereto, for mining or milling purposes, not exceeding the quantity allowed for such purpose by section 2337, United States Revised Statutes, or prior laws, under which the land was appropriated, the proprietors of such vein or lode may file in the proper land office their application for a patent, under oath, in manner already set forth herein, which application, together with the plat and field-notes, may include, embrace, and describe, in addition to the vein or lode, such noncontiguous mill-site, and after due proceedings as to notice, etc., a patent will be issued conveying the same as one claim.

66. In making the survey in a case of this kind, the lode claim should be described in the plat and field-notes as "Sur. No. 37, A," and the mill-site as "Sur. No. 37, B," or whatever may be its appropriate numerical designation; the course and distance from a corner of the mill-site to a corner of the lode claim to be invariably given in such plat and field-notes, and a copy of the plat and notice of application for patent must be conspicuously posted upon the mill-site as well as upon the vein or lode for the statutory period of sixty days. In making the entry no separate receipt or certificate need be issued for the mill-site, but the whole area of both lode and mill-site will be embraced in one entry, the price being five dollars for each acre and fractional part of an acre embraced by such lode and mill-site claim.

67. In case the owner of a quartz mill or reduction-works is not the owner or claimant of a vein or lode, the law permits him to make application therefor in the same manner prescribed herein for mining claims, and after due notice and proceedings, in the absence of a valid adverse filing, to enter and receive a patent for his mill-site at said price per acre.

68. In every case there must be satisfactory proof that the land claimed as a mill-site is not mineral in character, which proof may, where the matter is unquestioned, consist of the sworn statement of two or more persons capable from acquaintance with the land to testify understandingly.

IX. POSSESSORY RIGHT:

69. With regard to the proofs necessary to establish the possessory right to a mining claim, section 2332 provides that "where such person or association, they and their grantors, have held and worked their claims for a period equal to the time prescribed by the statute of limitations for mining claims of the state or territory where the same may be situated, evidence of such possession and working of the claims for such period shall be sufficient to establish a right to a patent thereto under this chapter, in the absence of any adverse claim."

70. This provision of law will greatly lessen the burden of proof, more especially in the case of old claims located many years since, the records of which, in many cases, have been destroyed by fire, or lost in other ways during the lapse of time, but concerning the possessory right to which all controversy or litigation has long been settled.

71. When an applicant desires to make his proof of possessory right in accordance with this provision of law, he will not be required to produce evidence of location, copies of conveyances, or abstracts of title, as in other cases, but will be required to furnish a duly certified copy of the statute of limitation of mining claims for the state or territory, together with his sworn statement giving a clear and succinct narration of the facts as to the origin of his title, and likewise as to the continuation of his possession of the mining ground covered by his application; the area thereof; the nature and extent of the mining that has been done thereon; whether there has been any opposition to his possession, or litigation with regard to his claim, and, if so, when the same ceased; whether such cessation was caused by compromise or by judicial decree, and any additional facts within the claimant's knowledge having a direct bearing upon his possession and bona fides which he may desire to submit in support of his claim.

72. There should likewise be filed a certificate, under seal of the court having jurisdiction of mining cases within the judicial district embracing the claim, that no suit or action of any character whatever involving the right of possession to any portion of the claim applied for is pending, and that there has been no litigation before said court affecting the title to said claim or any part thereof for a period equal to the time fixed by the statute of limitations for mining-claims in the state or territory as aforesaid, other than that which has been finally decided in favor of the claimant.

73. The claimant should support his narrative of facts relative to his possession, occupancy, and improvements by corroborative testimony of any disinterested person or persons of credibility who may be cognizant of the facts in the case and are capable of testifying understandingly in the premises.

74. As a condition for the making of application for patent according to section 2325, there must be a preliminary showing of work or expenditure upon each location, either by showing the full amount sufficient to the maintenance of possession under section 2324 for the pending year; or, if there has been failure, it should be shown that work has been resumed so as to prevent relocation by adverse parties after abandonment.

The "pending year" means the calendar year in which application is made, and has no reference to a showing of work at date of the final entry.

75. This preliminary showing may, where the matter is unquestioned, consist of the affidavit of two or more witnesses familiar with the facts.

X. PROOF OF CITIZENSHIP:

76. The proof necessary to establish the citizenship of applicants for mining patents must be made in the following manner: In case of an incorporated company, a certified copy of their charter or certificate of incorporation

must be filed. In case of an association of persons unincorporated, the affidavit of their duly authorized agent, made upon his own knowledge or upon information and belief, setting forth the residence of each person forming such association, must be submitted. This affidavit must be accompanied by a power of attorney from the parties forming such association, authorizing the person who makes the affidavit of citizenship to act for them in the matter of their application for patent.

77. In case of an individual or an association of individuals who do not appear by their duly authorized agent, you will require the affidavit of each applicant, showing whether he is a native or naturalized citizen, when and where born, and his residence.

78. In case an applicant has declared his intention to become a citizen or has been naturalized, his affidavit must show the date, place, and the court before which he declared his intention, or from which his certificate of citizenship issued, and present residence.

79. The affidavit of the claimant as to his citizenship may be taken before the register or receiver, or any other officer authorized to administer oaths within the land district; or, if the claimant is residing beyond the limits of the district, the affidavit may be taken before the clerk of any court of record or before any notary public of any state or territory.

80. If citizenship is established by the testimony of disinterested persons, such testimony may be taken at any place before any person authorized to administer oaths, and whose official character is duly verified.

XI. ADVERSE CLAIMS:

81. Section 2326, and the act of April 26, 1882, provide for adverse claims, fix the time within which they shall be filed to have legal effect, and prescribe the manner of their adjustment, etc.

82. An adverse mining claim must be filed with the register and receiver of the land office where the application for patent was filed, or with the register and receiver of the district in which the land is situated at the time of filing the adverse claim. It must be on the oath of the adverse claimant, or it may be verified by the oath of any duly authorized agent or attorney-in-fact of the adverse claimant, cognizant of the facts stated.

83. Where an agent or attorney-in-fact verifies the adverse claim, he must distinctly swear that he is such agent or attorney, and accompany his affidavit by proof thereof.

84. The agent or attorney-in-fact must make the affidavit in verification of the adverse claim within the land district where the claim is situated.

85. The adverse notice must fully set forth the nature and extent of the interference or conflict; whether the adverse party claims as a purchaser for valuable consideration or as a locator; if the former, a certified copy of the original location, the original conveyance, a duly certified copy thereof, or an abstract of title from the office of the proper recorder should be furnished, or if the transaction was a merely verbal one he will narrate the circumstances attending the purchase, the date thereof, and the amount paid, which facts should be supported by the affidavit of one or more witnesses, if any were present at the time, and if he claims as a locator he must file a duly certified copy of the location from the office of the proper recorder.

86. In order that the "boundaries" and "extent" of the claim may be shown, it will be incumbent upon the adverse claimant to file a plat showing his entire claim, its relative situation or position with the one against which he claims, and the extent of the conflict. This plat must be made from an actual survey by a United States deputy surveyor, who will officially certify thereon to its correctness; and in addition there must be attached to such plat of survey a certificate or sworn statement by the surveyor as to the approximate value of the labor performed or improvements made upon the claim by the adverse party or his predecessors in interest, and the plat must indicate the position of any shafts, tunnels, or other improvements, if any such exist, upon the claim of the party opposing the application, and by which party said improvements were made: Provided, however, that, if the application for patent describes the claim by legal subdivisions, the adverse claimant, if also claiming by legal subdivisions, may describe his adverse claim in the same manner without further survey or plat.

87. Upon the foregoing being filed within the sixty days as aforesaid, the register, or in his absence the receiver, will give notice in writing to both parties to the contest that such adverse claim has been filed, informing them that the party who filed the adverse claim will be required within thirty days from the date of such filing to commence proceedings in a court of competent jurisdiction to determine the question of right of possession, and to prosecute the same with reasonable diligence to final judgment, and that, should such adverse claimant fail to do so, his adverse claim will be considered waived, and the application for patent be allowed to proceed upon its merits.

88. When an adverse claim is filed as aforesaid, the register or receiver will indorse upon the same the precise date of filing, and preserve a record of the date of notifications issued thereon; and thereafter all proceedings on the application for patent will be suspended, with the exception of the completion of the publication and posting of notices and plat, and the filing of the necessary proof thereof, until the controversy shall have been adjudicated in court, or the adverse claim waived or withdrawn.

89. Where an adverse claim has been filed and suit thereon commenced within the statutory period, and final judgment determining the right of possession rendered in favor of the applicant, it will not be sufficient for him to file with the register a certificate of the clerk of the court, setting forth the facts as to such judgment, but he must, before he is allowed to make entry, file a certified copy of the judgment, together with the other evidence required by section 2326, Revised Statutes.

90. Where such suit has been dismissed, a certificate of the clerk of the court to that effect, or a certified copy of the order of dismissal, will be sufficient.

91. In no case will a relinquishment of the ground in controversy, or other proof, filed with the register or receiver, be accepted in lieu of the evidence required.

92. Where an adverse claim has been filed, but no suit commenced against the applicant for patent within the statutory period, a certificate to that effect by the clerk of the state court having jurisdiction in the case, and also by the clerk of the Circuit Court of the United States for the district in which the claim is situated, will be required.

93. A party who is not an applicant for patent under section 2325, Revised Statutes, or the assignee of such applicant, is not entitled to make entry under said section, and in no case will the name of such party be inserted in the certificate of entry. This regulation has no reference to proceedings under section 2326.

94. Any party applying to make entry as trustee must disclose fully the nature of the trust and the name of the cestui que trust; and such trustee, as well as the beneficiaries, must furnish satisfactory proof of citizenship; and the names of beneficiaries, as well as that of the trustee, must be inserted in the final certificate of entry.

95. No entry will be allowed until the register has satisfied himself, by a careful examination, that proper proofs have been filed upon all the points indicated in official regulations in force, and that they show a sufficient bona fide compliance with the laws and such regulations.

96. The administration of the mining laws as prescribed by these regulations will be, so far as applicable, adopted for, and extended to Alaska.

(1) The ex-officio register, receiver, and surveyor-general, while acting as such, and their clerks and deputy surveyors, will be deemed subject to the laws and regulations governing the official conduct and responsibilities of similar officers and persons under general statutes of the United States.

(2) The Commissioner of the General Land Office will exercise the same general supervision over the execution of the laws as are or may be exercised by him in other mineral districts.

XII. DEPUTY SURVEYORS, SURVEY AND PUBLICATION CHARGES, REGISTERS' AND RECEIVERS' FEES:

97. Section 2334 provides for the appointment of surveyors of mineral claims, authorizes the commissioners of the general land office to establish the rates to be charged for surveys and for newspaper publications.

Under this authority of law the following rates have been established as the maximum charges for newspaper publications in mining cases:

(1) Where a daily newspaper is designated, the charge shall not exceed seven dollars for each ten lines of space occupied, and where a weekly newspaper is designated as the medium of publication five dollars for the same space will be allowed. Such charge shall be accepted as full payment for publication in each issue of the newspaper for the entire period required by law.

It is expected that these notices shall not be so abbreviated as to curtail the description essential to a perfect notice, and the said rates established upon the understanding that they are to be in the usual body-type used for advertisements.

(2) For the publication of citations in contests or hearings involving the character of lands, the charges shall not exceed eight dollars for five publications in weekly newspapers, or ten dollars for publications in daily newspapers for thirty days.

98. The surveyors-general of the several districts will, in pursuance of said law, appoint in each land district as many competent deputies for the survey of mining claims as may seek such appointment; it being distinctly understood that all expenses of these notices and surveys are to be borne by the mining claimants and not by the United States; the system of making deposits for mineral surveys, as required by previous instructions, being hereby revoked as regards field work; the claimant having the option of employing any deputy surveyor within such district to do his work in the field.

99. With regard to the platting of the claim and other office work in the surveyor-general's office, that officer will make an estimate of the cost thereof, which amount the claimant will deposit with any assistant United States

Treasurer, or designated depository in favor of the United States Treasurer, to be passed to the credit of the fund created by "individual depositors for surveys of the public lands," and file with the surveyor-general duplicate certificates of such deposit in the usual manner.

100. The surveyors-general will endeavor to appoint mineral deputy surveyors, so that one or more may be located in each mining district for the greater convenience of miners.

101. The usual oaths will be required of these deputies and their assistants as to the correctness of each survey executed by them.

The duty of the deputy mineral surveyor ceases when he has executed the survey and returned the field notes and preliminary plat thereof with his report to the surveyor-general. He will not be allowed to prepare for the mining claimant the papers in support of an application for patent, or otherwise perform the duties of an attorney before the land office in connection with a mining claim.

The surveyors-general and local land officers are expected to report any infringement of this regulation to this office.

102. The law requires that each applicant shall file with the register and receiver a sworn statement of all charges and fees paid by him for publication of notice and for survey, together with all fees and money paid the register and receiver, which sworn statement is required to be transmitted to this office for the information of the commissioner.

103. Should it appear that excessive or exorbitant charges have been made by any surveyor or any publisher, prompt action will be taken with the view of correcting the abuse.

104. The fees payable to the register and receiver for filing and acting upon applications for mineral-land patents are five dollars to each officer, to be paid by the applicant for patent at the time of filing, and the like sum of five dollars is payable to each officer by an adverse claimant at the time of filing his adverse claim. (Sec. 2238, R. S., paragraph 9.)

105. All fees or charges under this law may be paid in United States currency.

106. The register and receiver will, at the close of each month, forward to this office an abstract of mining applications filed, and a register of receipts, accompanied with an abstract of mineral lands sold, and an abstract of adverse claims filed.

107. The fees and purchase money received by registers and receivers must be placed to the credit of the United States in the receiver's monthly and quarterly account, charging up in the disbursing account the sums to which the register and receiver may be respectively entitled as fees and commissions, with liabilities in regard to the legal maximum.

XIII. PROCEEDINGS TO DETERMINE CHARACTER OF LANDS:

108. The "Rules of Practice in cases before the United States District Land Offices, the General Land Office, and the Department of the Interior," approved August 13, 1885, will, as far as applicable, govern in all cases and proceedings arising in contests, and hearings to determine the mineral or non-mineral character of lands.

109. No public land shall be withheld from entry as agricultural land on account of its mineral character, except such as is returned to the surveyor-general as mineral; and the presumption arising from such a return may be overcome by testimony taken in the manner hereinafter described.

110. Hearings to determine the character of lands are practically of two kinds, as follows:

1. When lands are returned as mineral by the surveyor-general.

When such lands are sought to be entered as agricultural under laws which require the submission of final proof after due notice by publication and posting, the filing of the proper non-mineral affidavit in the absence of allegations that the land is mineral will be deemed sufficient as a preliminary requirement. A satisfactory showing as to character of land must be made when final proof is submitted.

In case of application to enter, locate, or select such lands as agricultural, under laws in which the submission of final proof after due publication and posting is not required, notice thereof must first be given by publication for thirty days and posting in the local office during the same period, and affirmative proof as to the character of the land submitted. In the absence of allegations that the land is mineral, and upon compliance with this requirement, the entry, location, or selection will be allowed, if otherwise regular.

2. When lands which are sought to be entered as agricultural are alleged by affidavit to be mineral or when sought as mineral their non-mineral character is alleged. The proceedings in this class of cases are in the nature of a contest between two or more known parties and are provided for in the rules of practice.

111. At the hearings under either of the aforesaid classes the claimants and witnesses will be thoroughly examined with regard to the character of the land; whether the same has been thoroughly prospected; whether or not there exists within the tract or tracts claimed any lode or vein of quartz or other rock in place, bearing gold, silver, cinnabar, lead, tin, or copper, or other valuable deposit which has ever been claimed, located, recorded, or worked; whether such work is entirely abandoned, or whether occasionally resumed; if such lode does exist, by whom claimed, under what designation, and in which subdivision of the land it lies; whether any placer mine or mines exist upon the land; if so, what is the character thereof—whether of the shallow-surface description, or of the deep cement, blue lead or gravel deposits; to what extent mining is carried on when water can be obtained, and what the facilities are for obtaining water for mining purposes; upon what particular ten-acre subdivisions mining has been done, and at what time the land was abandoned for mining purposes, if abandoned at all.

112. The testimony should also show the agricultural capacities of the land, what kind of crops are raised thereon, and the value thereof; the number of acres actually cultivated for crops of cereals or vegetables, and within which particular ten-acre subdivision such crops are raised; also which of these subdivisions embrace the improvements, giving in detail the extent and value of the improvements, such as house, barn, vineyard, orchard, fencing, etc., and mining improvements.

113. The testimony should be as full and complete as possible; and in addition to the leading points indicated above, where an attempt is made to prove the mineral character of lands which have been entered under the agricultural laws, it should show at what date, if at all, valuable deposits of mineral were first known to exist on the lands.

114. When the case comes before this office, such decision will be made as the law and the facts may justify; and in cases where a survey is necessary to set apart the mineral from the agricultural land, the necessary instructions will be given to enable the proper party at his own expense, to have the work done, at his option, either by United States deputy, county, or other local surveyor; the survey in such case, where the claims to be segregated are vein or lode claims, must be executed in such manner as will conform to the requirements in section 2320, U. S. Revised Statutes, as to length and width and parallel end lines.

115. Such survey when executed must be properly sworn to by the surveyor, either before a notary public, officer of a court of record, or before the register or receiver, the deponent's character and credibility to be properly certified to by the officer administering the oath.

116. Upon the filing of the plat and field notes of such survey, duly sworn to as aforesaid, you will transmit the same to the surveyor-general for his verification and approval; who, if he finds the work correctly performed, will properly mark out the same upon the original township plat in his office, and furnish authenticated copies of such plat and description both to the proper local land office and to this office, to be affixed to the duplicate and triplicate township plats respectively.

117. With the copy of plat and description furnished the local office and this office, must be a diagram tracing, verified by the surveyor-general, showing the claim or claims segregated, and designating the separate fractional agricultural tracts in each forty-acre legal subdivision by the proper lot number, beginning with No. 1 in each section, and giving the area in each lot, the same as provided in paragraph 45, in the survey of mining claims on surveyed lands.

118. The fact that a certain tract of land is decided upon testimony to be mineral in character is by no means equivalent to an award of the land to a miner. A miner is compelled by law to give sixty days' publication of notice, and posting of diagrams and notices, as a preliminary step; and then, before he can enter the land, he must show that the land yields mineral; that he is entitled to the possessory right thereto in virtue of compliance with local customs or rules of miners, or by virtue of the statute of limitations; that he or his grantors have expended in actual labor and improvements, an amount of not less than five hundred dollars thereon, and that the claim is one in regard to which there is no controversy or opposing claim. After all these proofs are met, he is entitled to have a survey made at his own cost where a survey is required, after which he can enter and pay for the land embraced by his claim.

119. Blank forms for proofs in mineral cases are not furnished by the General Land Office. December 10, 1891.

THE MINING LAWS

—OF—

THE REPUBLIC OF MEXICO

AND REGULATIONS THEREUNDER.

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MINING LAWS.

I. MINING PROPERTY:

Article 1. Mining property in Mexico shall be governed by the following rules, which will be carried out by the central government in accordance with its constitutional authority.

Art. 2. Subject to this law are those mineral substances which cannot be exploited without a previous concession, and those for whose extraction works are required which may endanger the lives of the operatives, the security of the works, and the stability of the soil.

Art. 3. Those mineral substances for whose exploitation a corresponding concession is indispensable in every case are the following, whatever the nature, form or situation of their respective deposits: (a) Gold, platinum, silver, mercury, iron, except marsh ores, loose float ores and ochres, which are exploited as coloring materials; lead; copper; tin, except float tin; zinc, antimony, nickel, cobalt, manganese, bismuth and arsenic, whether found in their native state or as minerals. (b) Precious stones, rock salt and sulphur.

Art. 4. The owner of the soil may exploit freely, without a special concession, the following mineral substances: The combustible minerals, oils and mineral waters; the rocks of the ground which serve either as rough or finished material for construction or ornamentation; the materials of the soil, as earths, sands and clays of all classes; the mineral substances exempted from concession in Article 3 of this law; and, in general, all those not specified in that article. The works of excavation, superficial or subterraneous, which the exploitation of these substances may require, shall always be subject to the regulations which are issued for the government and safety of the mines.

Art. 5. Legally acquired mining property and that which may be acquired in the future under this law shall be irrevocable and perpetual during the payment of the federal property tax, in accordance with the prescriptions of the law which establishes said tax.

Art. 6. The original title of the newly acquired mining property will be that which the Department of Public Works (secretario de fomento) decrees in conformity with the prescriptions of this law.

Art. 7. Mining property, excepting placers and superficial deposits, is understood to refer only to the part underground and not to the surface, which latter shall continue under the dominion of its prime proprietor, except that part of the same which the miner occupies in the cases and under the conditions which are set forth in Article II of this title.

Art. 8. The exploitation of the products of mines shall be completely limited by the respective boundaries and can only be permitted outside of said limits, in accordance with the provisions of the regulation, when the land is not occupied and by petitioning previously for the respective enlargement of the concession. In order to enter upon adjoining property the consent of its owner is absolutely required, except in cases of legal right of way.

Art. 9. The water brought to the surface in virtue of the subterraneous works of mines belongs to the owners of said mines, and the prescription of the common law should be observed in regard to the rights of the owners of the lands through which outlet is given to said water.

Art. 10. The necessary works for the development and profit of mines and placers are a benefit to the public; therefore, in default of agreement, forcible appropriation of the lands necessary to their operation may be made by legal procedure.

Art. 11. The owners of mining concessions can concert freely with the owners of the surface land for the occupation of the space they need, either for the working of placers or superficial deposits, or to establish buildings and other dependencies of the mines; and when they cannot agree, either upon extent or price thereof, legal proceedings for its appropriation shall be taken through the local judge of the first instance, observing the following proceedings during the correction of Article 27 of the constitution: i. Each party shall name an expert appraiser and both experts shall present to the judge their valuations within eight days, counting from the day of their appointment. If the appraisers fail to agree, the judge shall name a third expert as umpire, who shall give his decision within the peremptory period of eight days, counting from the day of his appointment. The judge, taking into account the opinions of the experts and the proofs which the parties present him with while the experts are reaching their decision, shall fix the surface area which must be occupied and the amount of the indemnity, within the next eight days. The decision of the judge shall be final, without more recourse than that of responsibility. ii. If the land owner should not give the name of his appraiser within the period of eight days after being notified by the judge, this functionary shall officially name an appraiser to represent the interests of said owner. iii. If the possession or ownership of the property which is sought to be occupied should be uncertain or doubtful, the judge shall fix as the sum of the indemnity the amount which results in view of the valuation of the expert named by the owner of the mining concession, and that of the expert named by the judge himself to represent the legitimate owner, said amount being deposited with the court, to be delivered to whom it may belong. iv. The experts, in making their valuation, shall use as bases the value of the land, the damages to the property which immediately follow and the legal rights of way to be established over said property.

Art. 12. Mining and common properties which are contiguous shall enjoy or suffer, as it may happen, the legal rights of use as regards right of way, aqueduct, drainage and ventilation, the judges governing themselves in the placing of same and in the corresponding indemnities by the laws of each state and of the federal district and territories, in so far as said laws are not modified by the following rules: i. The legal right of way of drainage consists, on the one side, in the obligation which, according to Article 21 of this law, the owner of one appurtenance is under to indemnify the proprietor of another for the damages and injuries done to him by not maintaining the drainage of subterraneous works or not maintaining drainage sufficient to stop the water flowing from one to the other; and on the other side, in the obligation which all owners of appurtenances are under, to permit the passage through same of tunnels and countermines, whose sole and necessary purpose is the drainage of one or several works. ii. The drainage tunnels, when not made by virtue of the compact authorized by Article 23 of this law, can be undertaken only by the owner or owners of appurtenances for whom the said tunnel is absolutely necessary. iii. In the case foreseen by the previous clause, all the owners of appurtenances benefited by the drainage resulting from the said tunnel shall be liable to pay indemnity in proportion to the benefit received, considering the nature and condition of each mine. iv. No person shall begin to drive a tunnel without a previous license, which the department of public works will give after listening to the opinion of the proper mining agent and examining and approving the plans in which are detailed the direction and section of the projected tunnel. v. The paying ore which may be found in driving a tunnel, if it be encountered in appurtenances legally given, is the property of the owner of said appurtenances; and if found in free land it shall be divided among the owners of all the appurtenances benefited by the tunnel in the proportion established by

clause iii. vi. If, through the discovery of one or more veins in land free from concession during the driving of a drainage tunnel, the concession of the respective appurtenances or extensions be applied for, the precepts of Articles 14 to 17 and relative parts of this law shall be applied, considering the beginners of the tunnel as explorers for the effects of the final part of Article 13. vii. When once the license of which clause iv treats has been authorized, only by virtue of express compact can any other persons, besides those who in conformity with said license are benefited by the tunnel, be regarded as members of the undertaking. viii. The owners of appurtenances crossed by a drainage tunnel can, during the driving of the tunnel in his or their respective properties, appoint a confidential inspector whose functions shall be limited to watching the work and giving notice to the agent of the mining district or the presiding judge of any abuse that may be observed. ix. In places where drainage tunnels, for any reason whatever, communicate with mine workings, grates shall be placed to impede transit or passage as soon as the communication is made. x. Only by virtue of an unanimous consent expressed in public writing by those interested in a general drainage tunnel, in conformity with clause iii, can said tunnel be used for any other purposes beyond that of drainage; in which case, under penalty of nullity, all particulars referring to passage or transit indicated in the foregoing clause ix shall be named in the compact. xi. Mines which may be newly opened in places where they can be benefited by a general drainage tunnel already existing shall be subject to the provisions of clauses iii, vii, viii, ix and x. xii. The legal right of use for ventilation consists in the obligation of every owner of appurtenances to permit his interior workings to communicate with those of proprietors of adjacent properties, to whom the communication produces, as a necessary result, the ventilation which cannot be accomplished in any other manner without great expense. xiii. Unless by special agreement to the opposite, made in a public document by the owners of the property giving and receiving the benefit, there shall always be grates located to impede passage or transit at the borders of the respective properties. xiv. When a communication, different from that foreseen in clause xii effectually ventilates one or more works, that service of ventilation shall give no right to the miner who made the communication to exact indemnity from the proprietors of the other ventilated works, nor shall said other proprietors, in their turn, acquire legal right of use which burdens the mining property that furnishes the ventilation. xv. If during the construction of the open work, according to the provisions of clause xii, paying ore is found, the prescriptions of clauses v, vi and viii shall be observed, so far as they apply to the case. xvi. Also in that which applies to the case the prescription of clause iv shall be observed. xvii. All the cost which the work of making an opening to secure ventilation occasions and the cost of the after keeping of such works shall be for the exclusive account of the party who shall have applied for the legal right of use (for ventilation). xviii. For the future establishment of a legal right or use to the benefit of one mining property and to the burden of another, there shall be required either the acquiescence of the owner of the burdened property expressed in public writing, or in a declaration signed and ratified before judicial authority, or before the department of public works; or an administrative resolution agreed to by the interested parties; or a judicial sentence. xix. The owner of appurtenances in whose favor the benefit of legal right of use accrues, who fails to obtain the consent of the party whose property is to be burdened, may apply to the department of public works, which shall decide within the period and with the formalities established by the regulations what it deems right, always giving previous hearing to the dissenting party. If either the latter or the applicant should not agree to the administrative decision, their right to apply to the respective local tribunals within the time fixed by the regulations remains undiminished. The judgment shall be communicated by the court which pronounces it to the department of public works. xx. If the administrative solution is favorable to the applicant and adverse to the defendant, it can only be executed immediately by the applicant first giving bonds satisfactory to the department of public works to indemnify for damages and injuries in case the defendant should obtain execution in the tribunal in his own favor. xxi. The regulations of the three preceding clauses apply to all cases in which those laid down in the other clauses give or could give rise to legal contention.

II. EXPLORATIONS AND CONCESSIONS:

Art. 13. Any inhabitant of the Republic can on government land freely make explorations leading to the discovery of mineral deposits, but if in place of borings, excavations should be made, these cannot exceed ten meters in extent, either in length or in depth. No license is required for said explorations, but previous notice should be given to the respective authorities as the regulations provide. No mining explorations can be made upon private lands without the permission of the owner or his representative; but in case that permission cannot be obtained, the corresponding administrative authority may be petitioned to give it in the manner which the regulations provide, requiring a bond for possible damages and injuries, which the explorer will be obliged to execute to the satisfaction of the authorities after consultation with the owner of the land or his representative. Only by permission of the owner can explorations be made inside of private buildings and their dependencies. Explorations will not be permitted within the boundaries of towns, nor in works, buildings or fortifications of the Republic, nor in their vicinity. The law will fix in all these cases the minimum distances within which said works of investigation can be allowed. During three months, not to be extended, counting from the day of the notice of permission, or of the administrative authority of which this article speaks, the explorer shall have the sole right of obtaining mining appurtenances.

Art. 14. The unit of concession or the appurtenance in the future shall be a solid of unlimited depth, limited above ground by that part of the earth's surface bounded by a horizontal rectangle of one hundred meters on a side, and bounded underground by the four corresponding vertical planes. The mining appurtenance is indivisible in all contracts made concerning mining concessions or which affect the ownership.

Art. 15. Saving the disposition in the final clause of Article 13 of this law, the concessions shall belong and shall always be given to the first applicant, and shall include in all cases in which there is sufficient land free from concessions, the number of appurtenances which the interested party may ask for, which number he should always clearly specify, and, in accordance with the provisions of the regulations, the situation which the appurtenances forming his concession are to occupy in the land. If between the appurtenances granted and others already existing there remains a space smaller than that of a unit of concession, this space also shall be granted to the first applicant.

III. ACQUISITION OF CONCESSIONS:

Art. 16. The Departments of State and of Public Works shall name in the states, territories and federal districts its special agents for each, before whom petitions shall be presented for mining concessions. These agents shall be authorized to charge fees according to the tariff which the said department fixes.

Art. 17. The agents of the Department of Public Works shall receive the applications for mining concessions, entering at once in a register the day and hour of the presentation. They shall then proceed to the publication of the application, and to the measurement of the appurtenances by the expert or practical man whom they appoint; and, providing there be no opposition, shall send a copy of the proceedings and of the plan to the department of public works for the proper approval and issuance of the title. The regulations will fix the periods within which these proceedings shall be fulfilled and will detail the mode of procedure of the agent.

Art. 18. After obtaining the approval of the proceedings and the title of the property issued in his favor, the applicant shall enter into possession of the mining appurtenances without further formality.

Art. 19. The agents of the Department of Public Works cannot suspend the course of the proceedings, except in case of opposition; and as soon as the term fixed by the regulations terminates, they shall be obliged to transmit at once a copy of the proceedings in the state in which it may be found to the department of public works, in order that the latter, after examination, may declare the tardy applicant rejected, if the fault be his, or the exact responsibility of the agent if, because of him, the proceedings have been delayed. The tardy applicant cannot re-petition for the same concession.

Art. 20. When opposition is presented by the owner of the soil to the applicant for any mining concession or to the taking of the measurements, alleging that the mineral deposit does not exist, then if there should be found any indication of such deposit in the surface of the earth or any cut or work of exploration in the said deposit, the agent of public works shall openly reject the opposition. In case that no indications of the deposit exist in the surface of the earth, nor in any cut or other work of exploration within the limits, a proceeding similar to that of Article 11 of this law shall be followed. The respective judge shall decide if the concession shall be given or not, and his decision is subject to appeal in either case. The writ of execution shall be communicated to the department of public works.

Art. 21. The agents of the Department of Public Works shall suspend proceedings in case of opposition being presented, and send the matter to the respective local judge of the first instance for the rendition of the proper judgment. The judicial authority will give a report of his decision to the department of public works.

IV. GENERAL DISPOSITIONS:

Art. 22. The exploitation of mineral substances, whether belonging to those who have acquired right of property in the same by concession according to this law, or belonging to the owner of the soil, shall be subject to all the measures which the regulations framed under this law shall pre-

scribe concerning the government and safety of said developments; but complying with these rules, the owners shall enjoy complete liberty of industrial action in order to work in the manner which suits them best, pushing, retarding or suspending for a greater or lesser time their labors, employing in them the numbers of operatives which they wish and at the point which appears to them most fitting; and following, indeed, those systems which they prefer, of use, extraction, drainage and ventilation, according as they judge it most conducive to their interests. Yet the owners remain responsible for accidents which occur in the mines because of being badly worked; and are obliged to indemnify these damages and injuries which they occasion by lack of drainage or by any other circumstance to the owners of adjoining properties.

Art. 23. When necessary to hasten the works of the mines of a locality, to push to completion drainage tunnels, the execution of these works shall be subject to contract between the interested parties.

Art. 24. Partnerships or companies formed for the development of mines shall be governed by the provisions of the commercial code, excepting those relative to associations which are not admissible in mining matters.

Art. 25. The contracts for furnishing sustenance to the miner shall in the future have the character either of partnership, when the provisions of the foregoing article shall be observed, or of mortgage. The mortgage in mining matters may be made freely according to the provisions of the civil code of the federal district, but holding in account the indivisibility of the appurtenance, established in Article 14 of this law, and observing the provision in the commercial code with regard to registry, for which purpose a special book of mining operations shall be opened. The mortgagee shall always have the right to pay the tax of which Article 5 of this law treats, and shall acquire by said payment a right of preference over the owner of the mine, with precedence of his mortgage.

Art. 26. The mortgage can be divided into mortgage notes payable to a specified person or to bearer, in the title constituting the debt or by a later document. In every case it shall contain the provisions governing the common representation of the holders of bonds. These provisions, as well as those relative to the amount of the debt, to the conditions of the same and to the guarantee, shall be plainly printed on each one of the notes. The holders of mortgage notes can only bring their actions against the debtor or the mortgaged property by means of a common representative, whose acts in that which refers to their rights shall be obligatory upon all the holders.

Art. 27. The decisions in mining matters shall be rendered in the federal district and territories, or in each state by the judges and courts which are competent there, in accordance with the provisions of the commercial code, observing that prescribed in Chapter 9, Title 1, Book 4, of said mercantile code, upon which basis the first cost of administration indicated in paragraph 2 of Article 1030 of the same code is the tax payment.

Art. 28. The new tax which all mining concessions shall return, with the exception of those which are expressly exempt by contract, shall be a federal property tax and the respective corresponding law will establish it. In regard to other mining taxes, the prescriptions of the law of the 6th of June, 1887, shall be observed.

Art. 29. Default in payment of the property tax according to the prescription of the law which ordains it shall constitute, from the day of taking effect of the present law, the only cause for the forfeiture of mining properties, which shall in such case continue free from all burden and shall be granted to the first applicant in accordance with the provisions of this law and its rules.

Art. 30. The industry of mining shall belong to the Department of State and of Public Works, Colonization and Industry, which shall therefore have power, in conformity with the prescriptions of the law, to dictate all the measures it shall judge proper to promote the prosperity of the mining industry, and watch the enforcement of said law; to name the inspecting engineers of mines, make studies, conduct investigations and discharge in general the trusts which the department recommends, in accordance with that which the regulations detail.

Art. 31. The executive shall designate, in the terms of Article 21 of the federal constitution, the legal penalties which those incur who infringe the provisions of those regulations issued for the application of this law. Over those official transgressions for which the agents of the Department of Public Works may be responsible, the corresponding judges of the district shall have jurisdiction in conformity with the respective laws. The ordinary transgressions committed in the mines are subject to the corresponding territorial judges without prejudice to the legal penalties which in every case the federal authority may impose.

Art. 32. The establishment and working of mills and every class of metallurgical offices shall be governed by the prescription of the common law, and, in the matter of taxes, by those of the law of the 6th of June, 1887.

Art. 33. That part of those tunnels situated outside of concessionary appurtenances shall remain exempt from tax when they are destined entirely for ventilation, drainage or the extraction of ores which do not originate in or come from said tunnels.

V. MINING TAX: [By law of June 6, 1892.]

Article 34. In accordance with the provisions of the new mining law, there shall be established a federal property tax, consisting of two parts; one, which has to be paid once only, in stamps to be affixed to all titles of mining property, and the other, which has to be paid annually, for each one of the appurtenances of which a concession is composed. As regards the tax, the appurtenance shall be the one established by Article 14 of the new mining law. Consequently all old and new appurtenances existing in the Republic, whatever be their extent, shall be valued according to this unit. For the fractions of appurtenances that amount to one-half or more, the tax shall be paid as if they were whole appurtenances, and nothing shall be paid for the fraction that is less than one-half.

Art. 35. Every owner or actual proprietor of mines, whatever title he may have, shall be obliged to show his documents at the treasury office which the regulations of this law may determine, within the time, not to be extended, counting from the taking effect of this law to the 21st of October of the present year, so that new stamps of ownership of the mines may be affixed to the title, and account taken, for the payment of the annual contribution, of the number of appurtenances which form the property, a corresponding register being opened for this purpose. The titles, which in future the Department of Public Works will extend in accordance with the new mining law, must bear the stamps corresponding to the same. These stamps shall be furnished by the party receiving the concession, in proportion to the appurtenances which the concession contains.

Art. 36. The property stamps of the mine shall be of the value of ten dollars and be affixed to the titles of the property, one for each appurtenance of ten thousand square meters; the rule established in Article 34 to be followed regarding the fractions. These stamps must be cancelled by the Department of Public Works.

Art. 37. From the first day of July of the present year all owners or proprietors of mines shall pay the sum of ten dollars annually for each one of the appurtenances of which their concessions consist. The amount of the tax shall be the same, whatever the nature of the substance which is being worked, provided that the mine has been acquired through denouncement or special concession before the day on which the new mining law takes effect, and that in future it shall be acquired by concession and title in accordance with the new law. Only those mines shall be exempt from payment of the annual tax on appurtenances and for title stamps of the property which have been expressly freed from the same by contracts made with the executive government in virtue of the authority given and approved by the legislature. This exemption shall only last for the time mentioned in the contract, and no extension of the time will be granted.

Art. 38. The annual property tax on mines shall be paid in three advance payments during each fiscal year, this payment to be made during the first month of each third part of a year, in that treasury office which the regulations of this law shall determine, and to which the taxpayers are obliged to go in order to make their payments, without further need of notification or any other requisite on which they might found delay or excuse.

Art. 39. Failure of presentation of the title which secures the possession of the mine in the time fixed in Article 35 shall be punished by a fine equal to the stamps which the title has to bear, if the same be presented within two months following the expiration of the time allowed. For every two months that the presentation is delayed the holder shall incur a fine equal to the stamps. The concealment of the number of appurtenances shall be punished with a fine equal to double the amount of the stamps which the title ought to have borne for the concealed appurtenances, to which shall be added double the amount of the annual tax for the whole of the time it has not been paid. This shall not interfere with the civil or criminal responsibility to which the concealer is liable and to which he may be subjected. Failure to pay the annual property tax within the first month of each one-third part of the year shall cause the owner to incur a fine amounting to fifty per cent of the tax, in case he pay during the second month. If the payment be made in the third month, the fine shall be equal to the tax. When once this last-named time has expired without the tax and accumulated fines being paid, the mining property shall be lost to the owner without recourse of any kind. The Department of the Treasury shall make the corresponding declaration and publish it in the Diario Oficial, so that any other party may petition for the property.

Art. 40. When the owner of the mine sells it he shall give the requisite notice for noting in the register, and the bill of sale given shall bear the stamps which according to the stamp tax it should have.

Art. 41. When it no longer suits a person or company to continue working the mine or mines which he or it may own, the proper officer of the Treasury shall be ad-

vised in writing, so that the tax may be settled up to the date of the notification and the corresponding note made in the register.

ADMINISTRATIVE REGULATIONS.

I. AGENTS:

Article 1. The special agents, subordinates of the Department of Public Works, whom that department appoints in conformity with the provisions of Article 16 of the law, in those mining districts which in its judgment require the same, shall receive and transmit the applications for mining concessions and extensions which are presented to them, and shall exercise the other functions delegated by the law. In case of doubt concerning the application of the law or its regulations, the agents shall consult the Department of Public Works.

Art. 2. At the time of making the appointment, the limits of jurisdiction of each agent shall be fixed, and together with any after modification of the same, shall be published in the Diario Oficial, the official organ of the government.

Art. 3. In order to become an agent of the Department of Public Works in the branch of mining, it is required that the appointee be a Mexican citizen in the exercise of his rights, and not occupying any other office of authority of the state, territory or federal district.

Art. 4. For each agent of public works named at a mining district, such deputies shall be named as the amount of business in the district requires. Said deputies should have the same qualifications as the agents, and they have to serve instead of the agents in all temporary or permanent absences of agents, as well as on occasions of legal impediment in certain business, when called upon by the agents.

Art. 5. Legal impediments, for agents, will be the same as those which Sections I to IX, and XII, of Article 1132, of the commercial code, establish for judges.

Art. 6. In the case of death or serious illness, hindering the appointed agent from calling upon the deputy, the latter shall enter upon the exercise of his functions, at once giving notice to the Department of Public Works by mail, or by telegraph, if there be one.

Art. 7. The agents of public works must give notice to the public of the place where they will attend to mining matters and the hours which they will devote to that business, which business cannot be interrupted except on Sundays and national holidays.

Art. 8. The agents shall receive no fees, except those which the authorized schedule fixes; except in cases not provided for in said schedule, when the agents shall consult the Department of Public Works concerning the amount of fees to be charged.

Art. 9. The agent shall forward to the Department of Public Works, within the first ten days of each month, a detailed report of the applications for mining concessions which he has taken during the preceding month.

II. EXPLORATIONS:

Art. 10. Every inhabitant of the Republic can make mining explorations in public lands, but shall give in conformity with the law to the agent of public works the necessary notice in duplicate specifying the limits of the territory to be explored. The agent shall return to the explorer the duplicate of the notice, after noting upon it the day and hour of its presentation, reminding him, that, in case he makes excavations, he should subject himself strictly to the provisions of Article 13 of the law and Article 14 of this regulation.

Art. 11. If the exploration is to be made on private lands, the explorer shall ask the permission of the owner or representative, who, in case he grants the permission, shall give the explorer a written instrument, stating the limits of the land within which the exploration must be confined. Said instrument shall be presented by the explorer to the agent of public works in order that he may make due record thereof.

Art. 12. In case of not obtaining the permission of the owner or representative, the explorer should apply to the agent of public works for the same, naming in his application the bondsman whom he proposes. The agent shall give notice of said application to the owner of the land, with notice that if he make no contest within fifteen days he will be held to have consented. At the end of said fifteen days the agent shall deliver his decision, fixing the amount of security required of the explorer to cover any damages and injuries which may occur, allowing the term of thirty days for the presentation of the same. The security having been furnished, the agent shall give to the explorer a written acknowledgment, on which shall be expressed the limits of the territory to be explored.

Art. 13. The agent of public works, during a period of three months, not to be extended, from the date of the notification referred to in Article 10 of this regulation, or of the permission provided by Article 11 or of the administrative decision prescribed in Article 12, shall not admit upon the place of exploration, nor within the limits of the same, applications for concessions other than those which the said explorer presents.

Art. 14. The explorers shall not make explorations near the limits of towns, except at the distance of fifty meters from the exterior lines of their buildings, private and public, and of their dependencies. The same distance shall be observed with respect to other public works or constructions, but may be reduced to thirty meters from the exterior lines of the common roads, railroads and canals. With respect to fortified points, the minimum distance at which mining explorations can be made shall be one kilometer from the outer lines of the works.

III. CONCESSIONS:

Art. 15. The application for a concession of mining appurtenances or of extensions must be presented in duplicate to the agent of public works. They shall express clearly the number of appurtenances which are solicited, their situation on the land in its municipality, with the most prominent signs for their identification, and the designation of the mineral substance which it is proposed to exploit. If in the judgment of the agent there is not sufficient clearness in said description, he shall endeavor to obtain it, interrogating the applicant and including his explanations in the application, in his duplicate, and in the record book of the agency, in the presence of the interested party. The inability of the latter to give explanations, or his refusal to do so, shall not be considered a sufficient reason for not making the registry, nor for suspending the other proceedings.

Art. 16. The agent cannot accept another application for the same site until the department of public works delivers the final decision in each proceeding for concession of mining appurtenances or extensions.

Art. 17. After an application for a mining concession is made to the agent of public works he shall proceed at once to register it in the presence of the applicant. The applications should be registered in the exact order of dates and hours in which they shall have been represented, without leaving blank spaces in the book between the different entries.

Art. 18. In the simultaneous presentation of two or more applications for concession of mining appurtenances or of extensions upon the same, priority of such shall be decided by chance, in the presence of the interested parties.

Art. 19. Within three days following the presentation and registry of an application for a mining concession, the agent shall appoint a titled expert, or a practical surveyor to measure the appurtenances and extensions applied for, and draw a corresponding plan, indicating clearly in the same the corners of the appurtenances or extensions expressed, and also those of the contiguous appurtenances which are encountered in a surrounding tract within a radius of one hundred meters. The agent may appoint the expert whom the applicant indicates to him, always providing the said expert complies with the requisite conditions.

Art. 20. Within eight days following the appointment of which the preceding article treats, the expert should communicate to the agent whether he accepts the office or not, and if so, what is arranged with the applicant regarding the payment of fees. The agent will enter the due acknowledgment in the proceedings. The agent can only extend the aforesaid period of eight days to another eight, and on one occasion only, at the request of the applicant.

Art. 21. At the time of entering the acknowledgment of which the preceding article treats, the agent shall fix for the expert the period of sixty days, not to be prolonged, for him to present in triplicate the plan of which Article 19 speaks, accompanied by explanatory information, and shall proceed to draw up in duplicate an abstract containing the following: i. A copy of the application, with a clear and concise specification of the name and residence of the applicant and of the serial number of the proceeding. ii. The name, residence and acceptance of the expert appointed. iii. A notice that a period of four months, not to be extended, counting from the date of the abstract, is open for the confirmation of the proceeding in the agency. One copy of the abstract shall be posted on the bulletin-board, which shall be placed on the exterior of each of the agencies, requiring of the applicant the cost of the necessary stamps for the publication. The abstract shall remain fixed for one month upon the bulletin-board, of which due entry shall be made in the proceeding. The other copy of the abstract shall be delivered to the applicant, in order that he may at his own cost and risk and within the forty days following the date of the abstract, cause the same to be published three consecutive times in the official periodical of the respective state, territory or federal district. The applicant is required to deliver at the agency, in order that the same may be attached to the proceeding, the respective issues of the periodicals in which the publications have been made.

Art. 22. The publication of the abstract, as given in the preceding article, serves the same purpose as a summons to all those who may believe they have the right to object to the application for a mining concession.

Art. 23. The agent, upon entering the acknowledgment of which Article 20 treats, shall give the expert a certified copy of his appointment, which shall conclude with the warning, that whosoever resists in the execution of

the field-work which the expert has to do shall be held accountable under the penalties established in Article 904 of the penal code of the federal district, or in the corresponding provisions of the laws of the states.

Art. 24. If the experts, in the execution of the work of which the preceding article speaks, encounter resistance, they should request the aid of the local authority.

Art. 25. The experts must heed such observations as the applicant may make to them, and those also which have been or may be made in opposition to the application for a concession, but they shall not express judgment upon the observations, except in the written information of which Article 21 treats, the presentation of which, within the period there fixed, is on the personal responsibility of said experts, to whom shall be charged all the damages and injuries which may originate in default of presentation of that document or of the plan.

Art. 26. During the four months fixed in Section iii, of Article 21, any opposition shall be admissible which may be presented for either of the following reasons: i. Dissent of the owner of the soil. ii. Invasion of appurtenances or extensions adjoining. iii. Ownership of or prior application for the appurtenances or extensions solicited, or for a part of them.

Art. 27. The agent, after receiving protest against any application, will give notice of the same to the applicant by publication, during three consecutive days, on the bulletin-board, of the names of the opponent and applicant, and of the serial number of the proceeding, in which due entry shall be made that such publication has been made.

Art. 28. Unless the applicant repair to the agency and declare that he withdraws the application, the agent will order the filing of the opponent's protest until the receipt of the report and plan of the expert.

Art. 29. On the day of receiving these documents the agent shall summon the interested parties to a meeting, within fifteen days following, by a notice posted for three consecutive days on the bulletin-board, which shall plainly express the number of the proceeding, the names of the interested parties and the day and hour of the meeting. At that meeting the agent shall try to reconcile the differences and avoid legal complications. Of all these particulars due entry shall be made in the proceeding.

Art. 30. If the opponent is the owner of the soil, and in the expert's information it should appear that there are indications of a mineral deposit in the surface, or any work of exploration in the said deposit, the agent shall continue the proceeding until its termination, in order that the Department of Public Works may issue to the applicant the respective title, providing that the said title, in conformity with Articles 7 and 11, Title I, of the law, either is understood solely with respect to the subsoil, or finally leaves subject to judicial decision the extent and the price of the surface which the miner is to occupy. The agent, at the end of the respective proceedings which arise in these cases, shall advise the interested parties that they have perfect liberty to appeal to the tribunals in conformity with Article 20, Title III, of the law.

Art. 31. In any of the cases of opposition enumerated in Article 26, the agent, if he should not obtain the reconciliation provided for by Article 29, shall suspend all proceedings and shall deliver the proceeding to the applicant, so that, upon his own responsibility and within the time which the agency fixes, he may present it to the corresponding local judge of the first instance.

Art. 32. If any opposition be presented founded upon a cause different from those enumerated in Article 26, the agency shall be limited to include the matter in the proceeding without suspending the continuation of the same.

Art. 33. If the opposition should be presented after the receipt of the plan and the information of the expert, but before the expiration of the four months fixed in Section iii of Article 21, the proceedings provided for in Articles 29 and 32 shall be continued in the conduct of the case, this being the only case (besides that of remission to the tribunals) in which the agencies can delay the termination of the proceedings for thirty-five days beyond the four months, providing the opposition be presented less than twenty days before that on which the said four months would expire.

Art. 34. The four months of which Article 26 speaks, having passed without opposition, or in the event referred to in Articles 30 and 32, or the proceeding having devolved upon the tribunals, with execution in favor of the applicant, the agencies under their strictest responsibility and within the fifteen days following shall take out a copy of the proceeding and remit it, with copies of the plan, under registered cover, to the Department of Public Works, unless the applicant wishes to be intrusted with the delivery of these documents, in which case the agency shall advise the department.

Art. 35. The applicant shall take care to furnish the agent the stamps which the title requires, in order that he may remit them to the Department of Public Works, in the registered letter in which he sends the copies of the proceeding and the plan, which shall be returned to the interested party, through the agent, in the event that the department, not approving the proceeding, does not grant the title. If the applicant should prefer, he may designate a person to present to the Department of Public Works the stamps referred to.

Art. 36. Any omission in the presentation of petitions, the furnishment of stamps, publication, payment of fees, or attendance at meetings, and in general in all of the proceedings which this chapter designates, as they may be imputable to the applicants or to the opponents, shall signify for the former, that they have withdrawn their application for a concession; and for the latter that they have withdrawn their opposition, and acknowledged the application valid.

Art. 37. The proceedings having been examined in the Department of Public Works and approved by that department, said department shall proceed to issue the title and send it to the agent of public works, so that he may deliver it to the interested party, with a copy of the plan, stamped by the said department. The department shall give to the Treasury Department a detailed report of the concession granted. If the proceeding should not be approved, the corresponding observations thereon shall be given to the agent, to the end that the faults observed may be rectified within the time that the department may signify, provided these faults cannot be imputed to the applicant or the agent, for in that case the proceeding must be in conformity to the provisions of Article 19, Title III, of the law.

IV. GENERAL DISPOSITIONS:

Article 38. The duties which the expert appointed in conformity with Article 19 has to perform shall be executed so that, by the necessary scientific proceedings, the horizontal length of the sides of the appurtenances and the angles which the same form with the true meridian may be obtained. For this purpose the expert shall determine the magnetic deviation of the compass, in case this instrument is used to measure the directions of the sides. The boundary lines and corners shall be marked by fixed monuments, and the necessary data obtained to make verifications of the work. The expert shall designate upon the ground where the respective land marks should be constructed in accordance with the prescriptions of Article 41.

Art. 39. For their preservation the plans of the appurtenances shall be drawn correctly, with neatness and upon strong paper. Copies may be taken therefrom on tracing cloth. The scales shall always be decimal and proportioned to the object of the plans, containing also the lengths of the sides in meters, their direction with relation to the true meridian, the dip of the compass used, with the date upon which it was determined, and the area of the surface in hectares.

Art. 40. The survey and measurement of appurtenances in land do not imply the right to its occupation, and only serve to mark out the limits of the mining concession; and the applicant should understand that he must treat with the owner of the land to acquire by purchase, within convenient time, that part of the surface which he needs for his mining operations; or the total area of the same surveyed for the appurtenances, in the case of placers or superficial deposits; or otherwise procure the same by appropriation, procuring the corresponding judgment of the tribunal, according to the prescriptions of Article 2, Title I, of the law.

Art. 41. The land marks must fill the following requirements: i. They must be permanent, for, being destined to designate points not to be changed, as long as the limits of the appurtenances or concessions which they mark are not modified, they shall be built solidly and shall always be preserved in good condition, making such repairs as shall be necessary. ii. They shall be located so that in every case each can be seen from each, and in form, color or some other character be distinguishable from those of adjacent erections.

Art. 42. The owners of mining concessions cannot go out of the boundaries of the same (according to the provisions of Article 5, Title I, of the law), except when there is free land and previous application for extension before the agent of public works, who shall conduct the proceedings on the same terms and with the same requisites as for mining concessions. The same proceedings shall be pursued in the furtherance of applications for rectification of appurtenances.

Art. 43. The mineral substances enumerated in Article 3, Title I, of the law cannot be worked without a concession, and, therefore, no labor will be permitted in mines and placers of said substances, which are not found protected by a legal title, duly registered. Consequently no labor will be permitted, either open to the air or subterraneous, which has for its object the future exploitation of any of the substances mentioned.

Art. 44. Every application for a concession to exploit any substances not specified in Article 3 aforesaid, and which according to Article 4 of the same title number, are for the free exploitation of the owner of the soil, shall be rejected.

Art. 45. In order to obtain the legal right referred to in Section iv of Article 12, of the law, the application for the license shall be presented to the local agent of public works, accompanied by as much of the horizontal projection and profile of the tunnel, both in one decimal

scale, and also as much of the cuts and details as are believed necessary to illustrate the nature and circumstances of the projected work. The agent shall remit to the Department of Public Works, together with the application and corresponding plans, a report upon the matter, also giving his opinion. The proper minister, in view of the said documents and of other data which he may require, shall render his decision.

Art. 46. The owner who would be benefited by a legal right of use, not obtaining the consent of the owner whose property would be burdened, should apply to the Department of Public Works, in conformity with the provisions of Section xix of Article 12, of the law, accompanying the application with all necessary data. The department, in view of the report of the agent of public works, and previous hearing granted to the dissenting party, or representative, shall render his decision within the time which he shall designate, according to the circumstances of the case.

Art. 47. If the solicitor or he who ought to grant the right referred to in Section xix of Article 12, of the law, does not agree with the decision of the Department of Public Works, he may appeal to the respective judge, provided he does so within two months from the date of the administrative decision.

Art. 48. In those parts of the Republic not included in the jurisdiction of an agent of public works in the branch of mining, the applications for mining concessions, as also the notices and instruments granting permission of exploration, shall be presented to the postmaster, who shall note upon the application, or the notice, or the instrument of permission of exploration, the day and hour of the presentation, and shall give immediate notice to the Department of Public Works by mail, and by telegraph, if there be one.

Art. 49. The postmaster can only receive and note applications for concession, and the notices and instruments granting permission of exploration, to which the preceding article refers, when the place of his residence is outside of the jurisdiction of any agent of the Department of Public Works in the branch of mining.

Art. 50. The said department shall publish every six months in the Diario Oficial, the federal official paper, notice of the titles of mining property issued during the said period.

Art. 51. The special book mentioned in Article 25 shall be kept by persons prescribed in Article 18 of the commercial code, in the manner prescribed by that code in Chapter II, Title 2, Book 1.

Art. 52. It is the right of individuals to register titles of future concession, or existing ownership, in the commercial record, as permitted by Article 26 of the mercantile code, wherever the proper registry book is not kept.

Art. 53. Registration is obligatory upon mining corporations and upon creditors of mines, in conformity with Article 25 of the law and Article 39 of the transitory laws given in Title V.

Art. 54. Mining corporations are obliged to register in the capital of the province or judicial district, both the location of the mining concession and the office or offices which the company has in the Republic.

Art. 55. If, through the extension of mining concessions, or any other cause, there should be any doubt about the place in which the registry should be made according to the preceding article, the Department of Public Works will determine, communicating its decision to the Minister of the Treasury.

V. FEES:

Article 55. (The fees herein noted are payable to the agent of the Mines Division of the Department of Public Works.)

i. For the notes in the notice or in the permission of exploration, to which Articles 10 and 11 of the administrative regulations, and the corresponding entry	$ 1.00
ii. For proceedings and issuance of permission of exploration mentioned in Article 12	2.00
iii. For registering each application for a mining concession, or extension or rectification of same, and making record	1.00
iv. For advices, memorials and abstracts of proceedings, each ten lines or fraction thereof	.20
In addition, for each title page which covers the proceedings and other documents to be abstracted	.10
v. For the transcription, marking and authorization of the evidence and certificates, and other copies, each 100 lines or fraction thereof	1.00
vi. For search proceedings or any other documents from the record	1.00
When the interested party does not furnish sufficient data, and he has to register corresponding documents for more than one year, for each year which is registered	1.00
vii. For each kilometer each way traversed, in the transaction of any business	.25
viii. For any interior view or exterior examination, and rendering the corresponding information	5.00
ix. For inspections, visits or examinations in works below the surface, for each one hundred meters of depth or fraction thereof	5.00
For the corresponding information	5.00
x. For attendance at meetings not exceeding one hour	3.00
For each hour additional or fraction thereof	1.00

VI. ANNUAL TAX:

Article 56. The annual tax mentioned in Article 37 ("VII. Mining Tax") of the law will be collected by the stamp offices in accordance with the laws of March 31, 1887, and December 9, 1891, and such others bearing thereon now in force, and is payable in interior rent stamps, the face thereof to bear an imprint, diagonally placed thereon, reading "Mining Tax."

Art. 57. The stamp officers will receive, as sole fee, two per cent of the gross amount received from the sale of stamps for the payment of the annual mining tax.

Art. 58. The stamp officers will keep a mine register situated in their respective districts, by aid of the data which the Treasury Department will furnish for that purpose.

Art. 59. The owners or holders of the mines will make their payments in the principal or sub-tax office corresponding to that district in which such mines are located. The Treasury Department, however, may modify this rule in instances where it may be deemed equitable and convenient to do so, advising the general office, that the latter may transmit information thereof to the proper tax office of the district within which the mine is located.

Art. 60. The principal stamp officers will require the sub-offices or agencies to forward them in time the stubs of the stamps sold for each mine, affixed to pages on which they will state for which mines, respectively, the stamps have been sold, and whether the sale corresponds to the extension of the property detailed on the titles and indicated on the duplicate thereof returned in accordance with the provision of the law relating to extensions. On receipt of these pages or sheets by the principal stamp officers they will communicate the fact to the Treasury Department, to which they will also send, at the end of each fiscal year, all such stamped pages or sheets received, corresponding to each mining enterprise.

Art. 61. Each one of the three advance payments referred to in Article 38 ("VI. Annual Tax") of the law must be made previous to July 31st, November 30th and March 31st of each year. For this purpose the respective principal or sub-stamp office will deliver to interested parties a printed ticket or placard containing: i. The title or heading, "Mining Tax." ii. The name of the state and municipality of the office issuing the ticket or placard. iii. The name of the mine, number of appurtenances for which the tax is paid; municipality in which the same is located; name of owner or company which may be in possession thereof, and the registry number of titles. iv. The amount payable for each third part of the year. v. Three blank columns intended to receive the stamps corresponding to each third part of the year, which stamps are to be duly canceled. The interested parties must place the ticket or placard referred to in this article in a visible part of the office of the management or owner of the mining properties, with the stamps accrediting the payment affixed thereto.

Art. 62. Upon any tax payment becoming due, as provided for in the previous article, and upon the stamp office being notified that such payment has not been made, it will communicate the fact to the agent of public works, in order that the latter may, during one month, fix a notice thereof on the bulletin-board mentioned in Article 21 of the administrative regulations, which notice, as regards the creditors of the mines, will operate as a summons to avail themselves of the privileges indicated in Article 25 ("IV. General Dispositions") of the mining laws. The payment of the tax by these creditors cannot be effected until the notice referred to has been placed upon the bulletin-board of the agency of public works.

Art. 63. If within the district of any principal stamp office there should happen to be no agency of public works to which the notice mentioned in the preceding article can be given, the said principal stamp office will notify the creditors of the mines through the respective District Court, ascertaining previously in the proper commercial registry office the names of such creditors.

Art. 64. Upon the expiration of the terms mentioned in the final part of Article 39 ("VII. Mining Tax") of the law, and the tax still remaining unpaid, the principal stamp offices will immediately advise the Treasury Department so that the latter may at once declare the loss of the property, and the Department of Public Works dispose of the mine. This ruling shall be published in the Diario Oficial.

Art. 65. The notice prescribed in Article 40 ("VII. Mining Tax") of the law will be made in writing, by the party interested, to the principal stamp office through the proper local sub-office or agency. The main stamp office will advise the Treasury Department thereof for entry in the register.

Art. 66. The notifications referred to in Article 41 ("VII. Mining Tax") of the law will be made as prescribed in the last preceding article. The principal stamp office will transmit them to the Treasury Department, that the latter may make entry thereof in the register and order their

publication in the Diario Oficial, and effect the necessary liquidation, which it will communicate to the proper main stamp office, that the latter may return, in such instances, the amount due the petitioner.

Art. 67. The grantees of zones referred to in Articles 14 and 16 ("II. Explorations, etc.," and "III. Acquisition of Concessions") of the mining law are required, within the first ten days of the fiscal year, to communicate with the Treasury Department, that the latter, while in the possession of the papers mentioned in said articles, may issue the voucher exempting them from payment of the annual mining tax during the current fiscal year.

VII. SPECIAL PROVISION:

With the object of obviating any difficulties that might arise in different localities of the national territory in complying with the provisions of Articles 35 and 38 of the mining tax law ("VII. Mining Tax"), owing to the distance at which mining properties may be situated from their respective federal tax offices and to the difficult means of communication, the President of the United States of Mexico has seen fit to determine that in such cases the nearest agent of public works—subject to the fees which for the performance of this duty will be designated by the proper ministry and will be payable by the parties interested—is authorized to receive the manifestations prescribed for in the above referred to Article 35, and a copy of the original and last transfer title papers, which he will duly compare and legalize; the latter, together with the manifestation, constituting the proceedings in the matter, which shall be forwarded, accompanied by the report which he must render bearing on the accuracy and limits of the dependencies, to the proper agent of the Treasury, in order that the latter, after making the necessary entries, may, without further procedure, carry out the provisions of Article 37 of the said law. The agents of public works will be careful to affix and cancel the stamps, which the law prescribes, on the original titles, retaining the latter in their possession until a final decision is made, when they shall be returned to their owners with the respective number and day of entry on the register of federal mining taxes noted thereon, and duly transmitted by the proper agent of the Treasury.

VIII. FOREIGNERS:

Foreigners acquiring mining property are still subject to the laws of 1856 regarding foreigners. The new law permits any number of concessions to be taken out by one person or company.

COMMERCIAL, CORPORATION AND MINING LAWS

— OF THE —

STATES, TERRITORIES AND PROVINCES

— OF THE —

UNITED STATES AND CANADA, 1896

ARRANGED AND INDEXED IN ALPHABETICAL ORDER.

[NOTE—Mining in Alaska (the laws of which are, by the difficulty of obtaining a reliable digest of them in time for publication, omitted) is governed by the Revised Statutes of the United States (Mining Laws of the United States, Amendatory and Additional Acts, Sec. 8, "IX. Mineral Laws in Alaska," q. v.), subject of course to local regulations, as expressed in Sec. 2324, VI. District Regulations, Mining Laws United States (q. v.) The commercial practice of Alaska corresponds very closely to that of Oregon.

[In the case of Prince Edward Island (Canada), both commercial and mining law correspond in substance and effect to that of other provinces of the Dominion.

[Wherever mining laws are omitted under any state title, it is because there are no special regulations governing mining operations therein; and in such case, the Mining Laws of the United States apply unreservedly.

[All quarries, stone and mineral deposits other than metals, are located, developed, acquired and worked as placer mines, save where the laws of the state in which they are situated makes other provision.]

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF ALABAMA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by ELLIOT G. RICKARBY, Attorney-at-Law, Mobile, Alabama.

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COMMERCIAL LAW.

I. ALIENS:

An alien, resident or non-resident, may take and hold property, real and personal, in this State, either by purchase, descent or devise, and may dispose of and transmit the same by sale, descent or devise, as a native citizen.

II. ASSIGNMENTS:

Every general assignment made by a debtor, by which a preference or priority of payment is given to one or more creditors, shall enure to the benefit of all the creditors equally. Embraces mortgages, save those given to secure a debt made contemporaneously with the execution of the mortgage and for the security of which the mortgage was given. (Code, Sec. 1737.) A sale by the debtor of substantially all of his property in the payment of antecedent debts is a general assignment. All assignments by a debtor made with intent to hinder, delay or defraud creditors are void.

III. ATTACHMENT:

Attachment process will issue for the collection of a debt, whether due or not; to recover damages for breach of contract, or where the action is for damages alone, upon affidavit by the creditor or his agent of the amount due, and that the debtor absconds, or resides out of the State, or secretes himself so that process can not be served upon him, or is about to remove out of the State, or has or is about to fraudulently dispose of his property, or fraudulently withholds money, chattels or effects which are liable to the satisfaction of his debts. Plaintiff must give bond in double the amount claimed. Garnishment process will issue in aid of attachment in all such cases. Garnishment may be dissolved by giving bond. (Acts 1891, p. 590.)

Non-residents may sue out an attachment against a non-resident for an existing debt or ascertained liability; but the plaintiff, his agent or attorney, in addition to the oath necessary in other cases, must swear that according to the best of his knowledge, information and belief the defendant has not sufficient property within the state of his residence to satisfy the debt; and must also give bonds as in other cases, with resident surety, and security for costs. Corporations, foreign or domestic, are entitled to process of attachment for recovery of debts or ascertained demands due them, the president or cashier of the corporation, or an agent or attorney thereof, making the affidavit and executing bond. Levy of an attachment creates a lien upon the estate so levied on from the levy. (Code, Sec. 2929, et seq.)

IV. CLAIMS AGAINST ESTATES:

All claims against the estate of a deceased person must be presented within eighteen months after the same have accrued, or within eighteen months after the grant of letters testamentary or of administration, and if not so presented are forever barred. Minors and persons of unsound mind are allowed eighteen months after the removal of their disabilities to present their claims. The presentation of claim may be made either to the executor or administrator, or by filing the claim or a statement of it in the office of the judge of Probate of the county in which letters were granted, with a note of the time of such presentation. (Code, Secs. 2081, 2082, 2083.)

A claim against an estate declared insolvent must be filed in the office of the judge of Probate within nine months after such declaration, or after the same accrues, verified by the oath of the claimant or some other person who knows the correctness of the claim, and that the same is due, or it is barred forever. If verified by claimant, affidavit must state that the claim is just and unpaid; if by third person, it must show that he knows the correctness of the demand, and that it is just and unpaid. (31 Ala., 409; 27 Ala., 623.) Affidavit that the claim is just and correct to the best of affiant's knowledge and belief

is not sufficient. (34 Ala., 611.) If such claim is filed by an executor, administrator, guardian or other trustee, it may be verified by affidavit that he believes the claim to be just, due and unpaid. All claims, whatever their dignity, must be filed and verified. (32 Ala., 502; Ib., 611; 13 Ala., 34; 11 Ala., 730.) Infants and persons of unsound mind are allowed nine months after the removal of their disabilities to file their claims. When the claim is filed, verified by the oath of a person out of this State, but within the United States, the oath may be made before a notary public, justice of the peace, or any judge of a court of record, or a commissioner of this State. If made before a justice of the peace, it must be certified that such officer was a justice of the peace and that his attestation is genuine, by some judge of a court of record, or a commissioner of this State. When such oath is taken out of the United States, it may be taken before any judge of a court of record, mayor or chief magistrate of any county, city, borough or town, notary public, or diplomatic, consular or commercial agent of the United States. (Code, Secs. 2238, 2241.)

Executors or administrators of insolvent estates must make settlement of their accounts at such times as the court may appoint; not less than nine nor more than fifteen months from the time the estate is declared insolvent. (Code, Sec. 2247; 73 Ala., 456.) No suit must be commenced against an executor or administrator, as such, until six months, and no judgment rendered against him, as such, until eighteen months after the grant of letters testamentary or of administration. (Code, Sec. 2263.)

V. COURTS:

The Supreme Court has only appellate jurisdiction, except in matters of remedial writs.

Circuit Courts have unlimited common-law jurisdiction and exclusive jurisdiction of libel, slander, assault and battery, and ejectment. There are thirteen circuits in the State.

Regular terms of both Circuit and Chancery Courts twice a year in nearly every county. Chancery Courts have full equity powers. City Courts have concurrent jurisdiction with the Circuit and Chancery Courts, with the exception of Mobile and Jackson counties, which have concurrent jurisdiction with the Circuit Court only.

Probate Courts hold term second Monday of each month, but court is always open, except on Sundays.

County Court is held once a month in each county, and has jurisdiction of all misdemeanors. The judge of Probate is ex-officio judge of this court.

Justices of the peace have original jurisdiction in their respective counties of all actions founded on any contract when the sum claimed does not exceed one hundred dollars; of all actions founded on any wrong or injury where the damages claimed do not exceed fifty dollars, except in cases of libel, slander, assault and battery, and ejectment; of all actions of forcible entry and unlawful detainer, and of actions brought to recover specific property not exceeding one hundred dollars in value.

VI. FEES:

Acknowledgment before notary public	$ .50
(Extra for seal, 25c.)	
Acknowledgment before justice	.50
(Extra for seal, 25c.)	
Acknowledgment before clerk of court	.50
(Extra for seal, 25c.)	
Attachment, issuing and taking bond	1.00
Appeal—varies according to circumstances.	
Commencement of suit in Justice Court—issuing summons and complaint	.75
Commencement of suit in court of record—issuing summons and complaint	1.25
Incorporation—see "Corporations."	
License for drummer—none.	
" " mining—see "Corporations."	
Mandamus—varying according to circumstances.	
Probate— " " " "	
Protest, including presentment	1.50
" each notice	.50
Recording, per 100 words	.15
Redemption—varies according to circumstances.	
Sheriffs— " " " "	
Transcription—per 100 words, Law cases, 20c; Chancery	.15
Witness, in civil cases	1.50

VII. DEEDS—REAL PROPERTY:

All persons of the age of twenty-one years may aliene land or any interest therein by instrument in writing, or by their last will. Conveyances must be written or printed, signed at the foot by the contracting party or his agent having written authority, and, unless acknowledged, witnessed by one witness; two where contracting party cannot write. Conveyance must be recorded in the office of the Probate judge of the county where situated, but to be recorded must be proved or acknowledged. Record operates as notice from time of delivery to Probate judge. A seal is not necessary to convey the legal title to land, or to enable the grantee to sue at law. Neither the wife individually, nor her separate estate, is bound by a covenant of warranty contained in any deed conveying land belonging to the husband, executed by such husband and wife, but such deed shall have the effect only of a relinquishment of dower, unless there be contained therein a special covenant of the wife expressing her intention to bind her separate estate. (Code, Sec. 1899.)

Conveyances of personal property to secure debts must be recorded in the county in which the grantor resides; also in the county where the property is at the time of the conveyance. If removed to another county before the lien is satisfied, the conveyance must be again recorded within six months in the county to which removed.

Acknowledgments and proofs of conveyances may be taken by judges of the Supreme and Circuit Courts, and their clerks; chancellors and registers in Chancery, judges of the Probate Court, justices of the peace, and notaries. In other states, they may be taken by judges and clerks of any Federal court, judges of any court of record; mayor or chief magistrate of any city, town, borough, or county; notaries public, or any diplomatic, consular or commercial agent of the United States.

VIII. DEPOSITIONS:

The evidence of witnesses may be taken, in civil cases, by either party, where the witness is a woman, or from age, infirmity or sickness is unable to attend court, or resides more than one hundred miles from the place of trial, or resides out of or is absent from the State, or is about to leave the State and will probably not return until after the trial; or where the claim or defense or a material part thereof depends exclusively on the evidence of the witness; or where the witness is Governor of the State, treasurer, auditor, chancellor, judge, or clerk of any court of record, register in chancery, sheriff, president, director or other officer of a bank incorporated in this State, postmaster or any other officer of the United States, or practicing physician, or lawyer, or person constantly employed on any steamboat or other water craft, or about the engine or other machinery of any railroad, plank road or manufactory, or is a superintendent, secretary, treasurer, master of road repairs, or conductor of any railroad, or a telegraph operator, or a teacher in a school actually engaged in teaching; or is a minister of the gospel in charge of a diocese, parish, church, district or circuit. The party desiring to take such depositions, or his agent or attorney, must make affidavit, setting forth one or more of the above causes, and that the witness is material, which must be filed in the cause. Interrogatories to be propounded to the witness are filed with the clerk, notice of which is given to the opposite party or his attorney, in writing, who has ten days to filo cross-interrogatories, to which the party filing the interrogatories may file rebutting interrogatories; but if the party to whom notice is to be given resides out of, or is absent from, and has no attorney of record within the county, notice may be given by filing the interrogatories in the office of the clerk for ten days. After the expiration of the ten days the clerk issues a commission, accompanied by a copy of the interrogatories, to one or more persons, to take the deposition, prescribing the notice to be given to the opposite party or his attorney, of the time and place of taking it, if such notice is required. It is the duty of the commissioner to reduce the answers of the witness to writing, or cause it to be done by the witness himself, or some impartial person, as near as may be in the language of the witness, having first sworn him to speak the truth, the whole truth and nothing but the truth. The deposition must be read over to and subscribed by the witness, and when complete must be by the commissioner enveloped, together with the commission and any document which may have been deposed to, sealed and directed to the clerk of the court where the cause is pending, with the title of the cause endorsed thereon. (Code, Secs. 2801 to 2807.)

IX. DESCENT:

The real estate of persons dying intestate as to such estate descends, subject to the payment of debts, charges against the estate, and the widow's dower, as follows: (1) To the children of the intestate or their descendants in equal parts. (2) If there be no husband, or widow, or children, or descendants of children, then to the parents in equal portions, and in case but one parent is surviving then he or she shall be entitled to one-half of such estate, and the other half to the brothers and sisters of the deceased, or their descendants; and if there be no brothers and sisters, then the whole estate shall go to the surviving parent. (3) If there are no children or their descendants, and no parents, then to the brothers and sisters of the intestate, or their descendants, in equal parts. (4) If none of these be living, then to the next of kin to the intestate, in equal parts, or if none, then (5) to the husband or wife, if capable of taking; and if no relations, no husband or wife, it escheats to the State. Lineal descendants in equal degree represent the ancestor. There is no representation among collaterals other than the descendants of the brothers and sisters of the intestate. There is no distinction between the whole and the half blood in the same degree, unless the inheritance came to the intestate by descent, devise or gift from one of his ancestors, in which case all those who are not of the blood of the ancestor are excluded from the inheritance as against those of the same degree. Posthumous children of the intestate inherit as if born in his lifetime. Illegitimate children inherit of the mother, and the mother from them. Degrees of kindred are computed according to the rules of the civil law.

The personal estate is distributed in the same manner as the real estate, except that the widow, if there are no children, is entitled to all the personal estate; or if but one child, she is entitled to one-half; if more than one and not more than four children, to a child's part, and if more than four children, to one fifth. (Code, Sec. 1915, et seq.)

X. EMINENT DOMAIN:

Any corporation organized under the laws of this State, or any person or association of persons proposing to take lands, or to acquire an interest or easement therein, for any uses for which private property may be taken, may, if there be no other mode of proceeding prescribed by law, apply to the Court of Probate of the county in which such lands or a material portion thereof may be situate, for an order of condemnation thereof to such uses.

The application must be in writing, verified by the oath of the applicant, or by the oath of an agent or attorney, and accompanied with security for the costs, and must state with certainty the name and residence of the applicant, the uses or purposes for which the land is to be taken, or the interest or easement therein to be acquired, and must state the name and residence of the owner, if known, or if unknown must show that reasonable diligence has been used to ascertain the same.

The court must hear all the allegations of the application, and objection which may be filed to the granting thereof, and any legal evidence touching the same, and shall make an order granting or refusing the application. If the application be granted, the judge of the Probate Court shall appoint three citizens of the county in which the lands sought to be condemned are situated, who shall possess the qualifications of jurors, who shall be disinterested, and who shall be required to file a certificate along with their award that neither of them had ever been consulted, advised with or approached by any person in reference to the value of said lands, or the proceedings to condemn the same, before their appointment on the trial of the same. The judge of the Probate Court is authorized to fill any vacancy occasioned by death, resignation, failure to act, or any disqualification of either of said commissioners from interest, prior knowledge of subject matter, or by being consulted, advised with or approached in reference to the condemnation of such lands prior to appointment or trial of the same.

When the court shall have appointed the commissioners as herein provided, he shall at once issue a notice of such appointment to the sheriff, whose duty it shall be to serve such notice upon the person therein designated, within five days of the receipt of such notice by such officer.

Where any of the parties at interest are non-residents, minors, or of unsound mind, then notice of the proceedings herein provided for shall be given in the same manner as other notices of the proceedings of the Probate Court in this State are given to non-residents, minors, or persons of unsound mind.

It shall be the duty of the commissioners, or a majority of them, thus appointed by the judge of the Probate Court to assess the damages and compensation to which the owner of the lands is entitled, and they shall be sworn as jurors are sworn. The commissioners may view the lands to be subjected, and must receive all legal evidence that may be introduced by either party touching the measure of the damage the owner of the lands will sustain, and the amount of compensation he is entitled to receive; but the amount of compensation to which the owner is entitled must not be reduced or diminished because of any incidental benefits which may accrue to him, or to his remaining lands, in consequence of the uses to which the land proposed to be taken, or in which an easement is proposed to be acquired, will be appropriated. The commissioners, or a majority of them, must, from the evidence, ascertain and assess the damages or compensation to which the owner or owners are entitled, and report the same in writing to the court, within ten days from their appointment; and thereupon the court must order the same to be recorded, and must make an order of condemnation in pursuance thereof, upon payment of the damages or compensation so assessed and reported. If the owner does not appear on the hearing of the application, the court must hear the same, and if the application be granted must appoint commissioners as herein provided for, and thereafter the same proceedings shall be had as if such owner had appeared.

The hearing and trial provided for herein must in all respects be conducted and evidence taken as in trials in civil cases at common law; on the trial and hearing either party may, by bill of exception, reserve any opinion or decision of the court, as in cases in which bills of exception are allowed in civil cases in courts of common law; and either party is entitled to an appeal to the Supreme Court from the order of the court, within one month from the making thereof. Either party may appeal from the assessment of damages and compensations by the commissioners, to the City or Circuit Court of the county, within thirty days after the making of the order of the commissioners, by filing in the court rendering the judgment a written notice of appeal, a copy of which shall be served upon the opposite party, and on such appeal the trial shall be ne novo; but no appeal shall suspend the judgment if the applicant shall give bond in good and sufficient security, to be approved by the court, to pay such judgment as shall be rendered on appeal. Any applicant or land owner may employ counsel to represent him, or to be present in person at any of the proceedings or trials. The order of condemnation upon the payment of the sum ascertained and assessed by the verdict of the jury, or the deposit thereof in court for the defendant, shall vest in the applicant the easement proposed to be acquired for the uses and purposes stated in the application, but for no other uses and purposes. If an appeal shall be taken by either party, then the person, corporation or association asking to acquire such right of way, upon the deposit in said court, for the party whose land is sought to be condemned, of the amount of damages so assessed, together with the costs of said proceedings, shall be entitled to enter upon said land and survey, construct and operate on said land, for the uses and purposes stated in the application, but said easement shall not vest absolutely in said person, corporation or association until the final determination of the case and the payment or deposit in court of such damages as shall be then adjudged.

The cost of the application and of the proceedings thereunder, including the compensation of commissioners, who shall receive the pay of jurors, must be adjudged against the applicant and his surety for costs, for which execution may be issued; but should the applicant tender to the land-owners, prior to the application for condemnation proceedings for the lands sought to be condemned, a sum of money in excess of the award of the commissioners for compensation or damages for the same, then the costs of the proceedings before the commissioners shall be against the land-owner; provided, the commissioners shall have no knowledge of the amount so tendered, and shall certify in their award that they had no knowledge of such tender; provided, further, that the principles of law and rules of justice relative to tender now in force in the courts of this State shall apply to all tenders made under the provisions of this act. (Code, Sec. 3207, et seq. Acts 1890 and 1891, pp. 1131, et seq. Acts 1892-3, p. 462.)

In Limestone County the amount of compensation assessed by the commissioners must not exceed three times the value at which the land was given in for taxes.

The above does not include the procedure in the case of erection of dams.

XI. EXECUTIONS:

An execution is a lien on the lands and personal property of the defendant subject to levy and sale, only in the county in which it is received by the officer, from the time it is so received, which lien continues as long as the writ is regularly issued and delivered to the sheriff without the lapse of an entire term. The execution of a bond for an appeal by which the judgment is suspended, or the execution of a bond by the defendant upon the proper officer granting an injunction, supersedeas or restraining order, destroys the lien created by the delivery of a fieri facias to the sheriff. (Code, Sec. 2894 et seq.)

XII. EXEMPTIONS:

The homestead, not exceeding one hundred and sixty acres in area, and not exceeding two thousand dollars in value; or, in a city, town or village, the lot, with dwelling, etc., not exceeding two thousand dollars in value, owned and occupied by any resident. The area of the homestead is not enlarged by reason of any encumbrance or defect in the quantum of interest such resident may own. Exemption of homestead may be waived, but wife must join in the waiver and it must be acknowledged. Any person may by stipulation in writing waive the whole or any specific part of exemption of personalty without the consent of wife. Personal property to the value of one thousand dollars selected by debtor and wages to twenty five dollars per month are also exempt. Widow's exemption includes also wearing apparel, family books and pictures, and provisions for twelve months. There is no exemption against judgment for torts and penalties. Nor on homestead for mechanics' lien for work done on same.

XIII. INTEREST AND USURY:

The legal rate of interest is eight per cent and all contracts for the payment of interest upon the loan or forbearance of goods, money, things in actions, or upon any contract whatever, at a higher rate, are usurious and cannot be enforced except as to the principal. (Code, Sec. 1754.)

XIV. JUDGMENTS:

Judgments are not liens until execution is issued, unless registered as hereinafter provided. When an execution has issued on a judgment within a year after its rendition, another may be issued within ten years without a revival of the judgment. Judgments may be obtained at the first term where service is perfected twenty days before the sitting of the court; and in Justices' Courts on three days' notice. A certificate of the clerk or register of the court showing the court which rendered the judgment, the amount and date thereof, the amount of costs, the names of parties, and plaintiff's attorney, may be filed by the plaintiff or owner of any judgment or decree in the office of the judge of probate of the county in which the judgment was obtained, and every such judgment or decree so filed and registered shall be a lien upon all the property of the de-

fendant in the county where judgment is rendered, subject to levy and sale under execution, and such lien shall continue for ten years from the date of registration of such judgment or decree and shall be notice to all persons of the existence of such lien. (Code, p. 635, note.)

XV. LIENS:

Mechanics, employees and materialmen have for their work done, or materials furnished, a lien upon the building or improvements and upon the land upon which said building or improvements are erected, if the work was done or materials furnished by virtue of any contracts with the owner or proprietor, or his agent, trustee, contractor or sub-contractor. (Acts 1894-5, p. 1238 et seq.) Every person claiming a lien must file in the office of the judge of probate of the county in which is the property upon which the lien is sought to be established, within six months if an original contractor, thirty days if a journeyman or day laborer, or four months if any other person, from the time the indebtedness was incurred, a statement in writing, verified by oath, containing a true description of the property and the demand secured by the lien, and the name of the owner. This lien shall extend only to the unpaid balance due, unless the person furnishing materials shall notify the owner or his agent in writing that certain specified materials will be furnished by him to the contractor for use in the building at certain specified prices, and unless he, the owner, objects, the furnisher shall have the full price specified in the notice, regardless whether such claim exceeds the unpaid balance or not. Anyone other than the original contractor must give the owner ten days' notice before filing a lien, except in the case of materialmen who have given notice as above. An original contractor, failing to furnish owner with a complete list of employees and materialmen, or failing to pay such under terms of special contract with owner, forfeits right to lien. All actions to be commenced within six months after filing lien.

Blacksmiths, woodworkmen, and all other mechanics who contribute their labor or material to the production or repair of any vehicle, implement or article of any kind, shall have a lien thereon while in the hands of the owner or a purchaser with notice, such lien to be enforced within six months from the time when filed.

Landlord has a lien on crop grown on rented land for the rent of the current year, or for advances in money, or other thing of value, whether made by him or for which he assumed responsibility; also on each and every article advanced, and upon all property purchased with money advanced or obtained by barter in exchange for any article advanced. Such liens for rent and advances shall be paramount over all other liens. (Code, Sec. 3056.)

The landlord of a store-house, dwelling-house or other building has a lien on the goods, furniture and effects belonging to the tenant, for his rent, which is superior to all other liens except those for taxes. Such lien may be enforced by attachment where tenant has fraudulently disposed of his goods, or made an assignment for benefit of creditors, or transferred substantially all his goods without paying the rent in full for the term.

Superintendents of plantations and agricultural laborers have a lien upon the crops, and laborers and employees of railroads a lien upon all the property of the company for work and labor done by them. (Code, Sec. 3077 et seq.)

XVI. LIMITATIONS:

The following actions must be commenced after the cause of action has accrued within the periods preceding their characterization:

(1) Within twenty years: By the State, to recover real or personal property against a citizen thereof; upon a judgment or decree of any court of the State of Alabama, or of the United States, or of any state or territory of the United States. (2) Within ten years: On any contract in writing under seal; for the recovery of lands, tenements, or hereditaments, or the possession thereof; motions or other actions against sheriffs, coroners, constables, and other public officers for nonfeasance, misfeasance, or malfeasance in office. (3) Within six years: For any trespass to person or liberty; trespass to real or personal property; detention or conversion of personal property; promise in writing not under seal; to recover money upon a loan; upon a stated or liquidated account; for arrears of rent due upon a parol demise; for the use and occupation of land; actions or other actions against the sureties of any public officer, or the sureties of executors, administrators or guardians for any misfeasance or malfeasance whatever of their principal, the time to be computed from the act done or omitted by their principal which fixes the liability of the surety; motions or other actions against attorneys at law for failing to pay over money of their clients or for neglect or omission of duty; any action upon any judgment of a justice of the peace of this State; and any action arising from simple contract or specialty not herein specially enumerated. (4) Within five years: Actions founded on equities of redemption, where lands have been sold under a decree of the Chancery Court, existing in any person not a party to the proceedings, who claims under the mortgagor or grantor in the deed of trust. (5) Within three years: All actions or motions against any surety to a writ of error, appeal, replevin or forthcoming bond, entered in any cause in any of the courts of the United States or in any other state or country, except the State of Alabama. (6) Within three years: To recover money due by open or unliquidated account, the time to be computed from the date of the last item of the account, or from the time when by contract or usage the account is due. (7) Within two years: Actions by personal representative for wrongful acts or omissions, causing death of intestate or testator, if such intestate or testator could have maintained the action for such acts or omissions had they failed to produce death. (8) Within one year: For malicious prosecutions, criminal conversation, seduction of a female, breach of marriage promise, qui tam actions, or for a penalty given by statute to the party aggrieved, unless the statute imposing it prescribes a different limitation; actions of libel and slander; actions for damages for wrongful act or omission, causing personal injury to or death of a minor, under Sec. 2588; actions for an injury to the person or rights of another, not arising from contract, and not herein specifically enumerated. (Code, Sec. 2612 et seq.)

Minors, married women (except as to their separate estates), the insane, and those imprisoned on a criminal charge for a term less than life, have three years after the termination of the disability to bring suit or make entry or defense; except that no disabilities shall extend the time after the lapse of twenty years from the time the cause of action or right accrued. (Code, Sec. 2624; 66 Ala., 445.)

If a person is absent from the State during the period within which a suit might have been brought against him, such period or periods of time must not be computed as a portion of the time necessary to create a bar.

No act, promise or acknowledgment is sufficient to remove the bar to a suit, or is evidence of a new or continuing contract, except a partial payment made upon the contract by the party sought to be charged before the bar is complete, or an unconditional promise in writing signed by the party to be charged. The time between the death of a person and the grant of letters testamentary or of administration, not exceeding six months, is not to be taken as any part of the time limited for the commencement of actions by or against his executors or administrators. (Code, Secs. 2628-2632.)

XVII. MARRIED WOMEN:

The wife, if the husband be of sound mind and has not abandoned her, or be not a non-resident of the State, or be not imprisoned under a conviction for crime for a period exceeding two years, cannot alienate her lands, or any interest therein, without the assent and concurrence of the husband, to be manifested by his joining in the alienation in the mode prescribed by law for the execution of conveyances of land. But if the husband be non compos mentis, or has abandoned his wife, or is a non-resident of the State, or is imprisoned under a conviction for crime for a period exceeding two years, the wife may alienate her lands as if she were sole. But the personal property of the wife, or any part thereof, may be sold, exchanged or otherwise conveyed or disposed of by the husband and wife, by parol or otherwise. If the husband is living apart from the wife, without fault upon her part, or if he be of unsound mind, the wife may convey or dispose of such property as if she were sole. The husband and wife may contract with each other, but all contracts into which they enter are subject to the rules of law as to contracts by and between persons standing in confidential relations; but the wife shall not directly or indirectly become the surety for her husband.

All property of the wife held by her previous to the marriage, or to which she may become in any manner entitled after the marriage, is the separate property of the wife and is not subject to the liabilities of the husband. The earnings of the wife are her separate property, but she is not entitled for compensation for services rendered to or for the husband, or to or for the family. The wife has full legal capacity to contract in writing as if she were sole, with the assent or concurrence of the husband expressed in writing. The wife must sue alone at law or equity, upon all contracts made by or with her, or for the recovery of her separate property, or for injuries to such property, or for its rents, income, or profits, or for all injuries to her person or reputation; and upon all contracts made by her, or engagements into which she enters, or for all torts committed by her, she must be sued as if she were sole. The wife may, with the consent of the husband, expressed in writing and filed and recorded in the office of the judge of probate of the county of their residence and of the county in which the business is carried on, enter into and pursue any lawful trade or business, as if she were sole. But the consent of the husband is not necessary, if he be of unsound mind, or has abandoned his wife, or is a non-resident of the State, or is imprisoned under a conviction for crime. All property of the wife, whether acquired by descent or inheritance, or gift, devise or bequest, or by contract or conveyance, or by gift from, or contract with, the husband, is the separate property of the wife within the meaning of this article, saving and excepting only such property as may be conveyed to an active trustee for her benefit. Married women under twenty-one, but over eighteen, years of age may convey dower interest in land. Marriage of a woman under twenty-one but over eighteen years of age relieves the disabilities of non-age.

XVIII. MORTGAGES:

Mortgages of real property must be acknowledged or proved and recorded in the same manner as deeds. A power to sell is usually incorporated in the mortgage in the event of default in payment of the debt secured, on giving notice by advertisement, or it may be foreclosed by proceedings in chancery. The power to sell in a mortgage is part of the security and may be executed by anyone who, by assignment or otherwise, becomes entitled to the money. (Code, Sec. 1844.) Whenever the property has been sold under the power the debtor may redeem the same from the purchaser or his vendee at any time within two years thereafter on tender to the purchaser of the purchase price, with ten per cent interest and all other lawful charges.

Conveyances of unconditional estates and mortgages or instruments in the nature of a mortgage of real property to secure any debt created at the date thereof, are void as to purchasers for a valuable consideration having no notice thereof unless recorded within thirty days from their date. (Code, Sec. 1810.)

Conveyances of personal property, to secure debts, or to provide indemnity, must be recorded in the county in which the grantor resides, and also in the county where the property is at the date of the conveyance; if the property is removed to another county, the conveyance must again be recorded in the county to which it is removed within six months. (Code, Sec. 1806.) Conveyances of personal property to secure debts or to provide indemnity are inoperative against creditors and purchasers without notice, until recorded, unless the property is brought into this State subject to such incumbrances, in which case four months are allowed for the registration of the conveyance; and if such property is removed to a different county from that in which the grantor resides, the conveyance must be recorded in such county within six months from the removal or it ceases to have effect after such six months against the creditors or purchasers of the grantor without notice. (Code, Sec. 1814.)

Mortgages of personal property are invalid unless they are in writing and subscribed by the mortgagor. (Code, Sec. 1731.)

Mortgage of stock of merchandise, which permits mortgagor to remain in possession and to sell the goods in the ordinary course of trade for his own benefit, is invalid as to creditors. (75 Ala., 121.) But mortgage of stock of goods given to secure bona fide debt, authorizing mortgagor to retain possession and sell for the benefit of mortgagee, and to pay over the proceeds of sale is good as against creditors. (86 Ala., 234.) Any mortgagee, transferee or assignee of such mortgage who has received satisfaction of the amount secured by such mortgage, must at the written request of the mortgagor, enter satisfaction upon the margin of the record thereof, which operates as a release of such mortgage and a bar to all actions thereon; and must at the written request of a bona fide creditor of mortgagor, enter the amounts received by him thereon and dates thereof. Failure for three months to make such entry, either in person or by attorney, after such payment and request, forfeits to the party aggrieved two hundred dollars, unless, where demand is for entry of satisfaction, at the time of such request or within said three months, there shall be a pending suit between said parties involving whether such mortgagee, transferee or assignee has received satisfaction of such mortgage. The payment of the debt secured by mortgage has the effect to divest the title of the mortgagee or his assigns, and revest the same in the mortgagor or his assigns. (Code, Sec. 1869.)

XIX. NOTES AND BILLS:

Bills of exchange and promissory notes, payable in money, at a bank or private banking house or a certain place of payment therein designated, are governed by the commercial law, and all other instruments payable in money at a bank or private banking house are also governed by the commercial law as to days of grace, protest and notice. Such are assignable by indorsement in writing so as to authorize an action thereon by each indorsee. No person is chargeable as acceptor of a bill of exchange, unless his acceptance is in writing, signed by himself or agent; but an unconditional promise in writing to accept a bill before it is drawn amounts to actual acceptance. (64 Ala., 1.)

Every holder of a bill presenting the same for acceptance may require that the acceptance be written on the bill; and refusal so to do is refusal to accept, and the bill may be protested for non-acceptance. These provisions must not be construed to impair the right of any person to whom a promise to accept a bill may have been made, and who on the faith of such promise has negotiated the bill, to recover damages of the person making such promise, on his refusal to accept such bill. If bill is not returned accepted or non-accepted by the party upon whom it is drawn, within twenty-four hours after delivery to him, he must be deemed to have accepted the same. All bills drawn and payable within this State are inland bills, and those drawn in this State and payable elsewhere are foreign bills. The damages on inland or foreign bills protested for non-acceptance or non-payment are five per cent on the sum drawn for. (Code, Sec. 1760 et seq.)

Sunday, Christmas Day, the first of January, twenty-second of February, twenty-sixth of April, the Fourth of July and Thanksgiving Day, Good Friday, Labor Day and Mardi Gras, shall each be deemed a holiday. If Christmas Day, the first of January, twenty-second of February or the Fourth of July falls on Sunday, the Monday following is a holiday. If any paper entitled to days of grace by the allowance thereof, or subject to protest, becomes due on a holiday, it must be taken as due on the next succeeding business day. (Code, Sec. 1759.)

XX. SUITS:

Suits at law in this State are commenced by summons and complaint. The complaint which must accompany the summons is in lieu of a declaration and must be signed by the plaintiff or his attorney. (Code, Sec. 2671.)

All actions on contracts, expressed or implied, for the payment of money, whether under seal or not, may be united in one action. (Code, Sec. 2672.) Husband and wife must be joined either as plaintiffs or defendants when the wife has an interest in the subject matter of the suit; unless the suit relates to her separate estate, when she must sue or be sued alone. (Code, Sec. 2577.)

Actions on promissory notes, bonds or other contracts, express or implied, for the payment of money, must be prosecuted in the name of the party really interested, whether he has the legal title or not, subject to any defense the payor, obligator or debtor may have had against the payee, obligee, or creditor, previous to notice of assignment or transfer, except that, in actions upon bills of exchange and promissory notes payable at a bank or banking house, or at a designated place, and other commercial instruments, the suit must be instituted in the name of the person having the legal title. (Code, Sec. 2594.)

Infants must sue by next friend and must defend by a guardian appointed by the court. (Code, Sec. 2579.) Idiots, lunatics or persons of unsound mind having no guardian resident in this State may sue by their next friend; and guardian of person of unsound mind may be sued on any contract made by the ward or for any tort committed by him while of sound mind, or for necessaries furnished him or his family before the appointment of a guardian.

All actions on contracts, except as may be otherwise provided, must be brought in the county in which the defendant, or one of the defendants, resides, if such defendant has within the State a permanent residence; all other personal actions, if the defendant, or one of the defendants, has within the State a permanent residence, may be brought in the county of such residence, or in the county in which the act or omission complained of may have been done, or may have occurred. All actions for the recovery of land, or of the possession thereof, or for a trespass thereto, must be brought in the county where the land lies; a summons issuing contrary to this section must be abated on the plea of the defendant. (Code, Sec. 2640.)

A foreign or domestic corporation may be sued in any county in which it does business by agent. Summons may be executed by the delivery of a copy of the summons and complaint to the president or other head thereof, secretary, cashier, station agent, or any other agent thereof. (Code, Sec. 2642, 2657.)

Names of all parties plaintiff and individual names of co-partners must be given in writs. Partnerships may be sued in courts of law in the firm name, without setting forth the names of co-partners. The writ may be served upon any one of the co-partners. The judgment reaches the partnership property alone. Non-residents must give security for costs when suit is brought in any of the courts, but money may be deposited with the clerk in lieu of sureties.

All suits at law or in equity commenced by or for the use of a non-resident of this State will be dismissed on motion if security for costs be not given, but money may be deposited with the clerk or register, subject to increase or diminution on the order of the court.

XXI. TAXES:

All taxes levied on property in this State shall be assessed in exact proportion to its value. The State, in the levy of taxes for any year, is restricted to a rate not greater than three-fourths of one per cent; counties, to one-half of one per cent—provided, however, that counties may, for debts created for the erection of necessary public buildings or bridges, levy and collect a special tax.

Municipal corporations cannot levy or collect a larger rate of taxation in any one year than one-half of one per cent of the value of the property therein as assessed for State taxation during the preceding year. (Constit., 1875, Art. XI.)

Immediately after the sale of lands for taxes, the tax collector delivers to the purchaser a certificate of purchase, which certificate is assignable by endorsement, vesting in such assignee the title acquired by the purchase. If the bid for such lands is not sufficient to cover the taxes, interest and costs, the collector shall bid it off in the name of the State, and deliver a certificate therefor to the auditor of the State. The lands so bid in for the State are not assessed thereafter until redeemed, and are subject to the same rules of redemption as lands purchased by individuals. Lands sold for taxes may be redeemed at any time before the expiration of two years and six

months from the date of sale, by the owner, mortgagee or any person having a beneficial interest therein; infants and lunatics are allowed one year after the removal of their disability to redeem. Actions for the recovery of lands sold for taxes are barred if not brought within five years from the date of sale; minors and insane persons are allowed one year after removal of disability to bring such action. (Code, Sec. 607; 69 Ala., 299.)

XXII. WAGES:

The wages, salaries, or other compensation of laborers or employees, residents of this State, for personal services, to the amount of twenty-five dollars per month shall be exempt from levy under writs of garnishment or other process for the collection of debts. (Code 1886, Sec. 2512.) The wages or hire of any head of a family in this State, not having property liable to levy and sale under execution, cannot be defeated or abated by any set-off of a money demand acquired by the person contracting to pay such wages, by assignment or transfer, unless the parties otherwise agree in writing. (Sec. 2678. See also Liens.)

XXIII. WILLS:

All persons over the age of eighteen may make wills of personal property, if of sound mind; but only those twenty-one years of age can make a will of real estate. A will must be signed by the testator, or by some person in his presence and by his direction, and attested by at least two witnesses, who must subscribe their names thereto in the presence of the testator. (Code, Sec. 1968.)

Nuncupative wills are valid when the property bequeathed does not exceed five hundred dollars in value. If an unmarried woman after making a will marries, the marriage operates as a revocation of the will. If a man after making a will marries and have issue of such marriage born within his lifetime or after his death, and the wife or such issue is living at the death of the testator, such will must be deemed revoked, unless provision has been made for such issue. (Code, Sec. 1953 et seq.)

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

Corporations may be formed under general laws, but shall not be created by special act, except for municipal, manufacturing, mining, immigration, industrial and educational purposes, or for constructing canals, or improving navigable rivers and harbors of this State, and in cases where, in the judgment of the General Assembly, the objects of the corporation cannot be attained under general laws. All general laws and special acts passed pursuant to this section may be altered, amended or repealed.

No corporation can engage in any business other than that expressly authorized by its charter, or issue stock or bonds, except for money, labor done, or money or property actually received; and all fictitious increase of stock or indebtedness shall be void. The stock and bonded indebtedness of corporations shall not be increased, except in pursuance of general laws, nor without the consent of the persons holding the larger amount in value of stock first obtained at a meeting to be held after thirty days' notice, given in pursuance of law. No corporation, municipal or otherwise, shall take, injure or destroy private property for public use without making just compensation therefor, which compensation shall be paid before such taking, injury or destruction. In no case shall any stockholder be individually liable, otherwise than for the unpaid stock owned by him. No telegraph company shall consolidate with, or hold a controlling interest in the stock or bonds of, any other telegraph company owning a competing line, or acquire, by purchase or otherwise, any other competing line of telegraph.

Corporations sue and are sued the same as natural persons and may mortgage their property on complying with the statute as to notice to be given by publication and personally to stockholders.

The State shall not be a stockholder in any bank, nor shall the credit of the State ever be given or loaned to any banking company, association or corporation. Every railroad company shall have the right with its road to intersect, connect with or cross any other railroad, and shall receive and transport each the others' frieight, passengers and cars, loaded or empty, without delay or discrimination. (Constit., 1885, Art. XIV.)

II. ORGANIZATION:

A corporation may be formed by two or more persons associating for the purpose of mining, quarrying or manufacturing, who shall file in the office of the judge of probate of the county wherein said corporation shall have its place of business, a declaration signed by each of them and setting forth the following: (1) The names and residences of the subscribers: (2) the name and style of the proposed corporation; (3) the amount of capital stock and the number of shares in which it is divided; (4) the general purposes of the corporation and the nature of the business proposed; (5) the principal place of business of the corporation; (6) such other matters as the incorporators may deem it desirable to state. (Code, Sec. 1557 et seq.)

There must be fifty per cent of the proposed capital stock subscribed and twenty per cent paid in before certificate of incorporation will be issued and the corporation authorized to do business.

On the filing of the declaration above mentioned the judge of probate must issue a commission to two or more subscribers, who are then authorized to open books of subscription.

All subscriptions must be payable in money; but the commissioners may receive subscriptions payable in money, the subscriber reserving at the time the privilege of discharging the same in the rendition of services or labor for the corporation at the reasonable value thereof, or of such property as the corporation has the capacity to acquire and hold, at the reasonable value thereof, provided the nature and character of the property and when it is to be transferred or conveyed be stated in the subscription.

When fifty per cent of the capital stock has been subscribed in good faith by subscribers of whose solvency the commissioners are satisfied, they shall call the subscribers together at a time and place fixed by them for the election of directors and officers. The directors must consist of not less than three or more than nine stockholders, who hold office for twelve months; at such organization meeting an officer must be designated to receive from the commissioners the subscription for stock, and such officer shall thereupon require payment in cash of twenty per cent of such subscription from each subscriber who has not reserved the privilege of discharging such subscription in stipulated services or conveyance of property; and from the subscribers who have reserved the privilege of discharging their subscriptions in services or property, contracts in writing binding them to the rendition of the services or to make transfer of the property at such times as the board of directors may appoint. The proceedings of the meetings must be reduced to writing, signed by the subscribers and delivered to the commissioners, who must return and file the same with the judge of probate. The officer designated to receive the subscriptions must make a copy thereof, verified by his affidavit, stating in such affidavit from which of the subscribers he has received the cash payment and from which he has received contracts as above mentioned. This copy must also be filed in the office of the judge of probate. Upon the filing of these papers the judge of probate issues a certificate of incorporation.

III. POWERS:

1. To have succession by the corporate name for the period expressed in the declaration; and, if a period of time be not expressed, perpetually. 2. To sue and be sued; and, if deemed necessary, to have a corporate seal, and the same to alter at pleasure. 3. To hold, purchase, dispose of and convey such real and personal property as the nature of its business and the purposes for which it is formed may require. 4. To appoint such officers and agents as may be deemed necessary for the transaction of its business and the management and control of its affairs and property. 5. To make all needful by-laws, rules and regulations for the transaction of its business, the management and control of its affairs, and the uses and disposition of its property, and for the transfer of its stock, and for the creation and preservation of a lien upon the shares of its stockholders for the payment of any debt or liability they may incur to the corporation. 6. To carry on the business or accomplish the purposes expressed in the declaration. 7. To borrow money, and to mortgage or otherwise convey or pledge its property, real or personal, and its franchises, to secure the payment of the money so borrowed, or any other debt contracted by it; but it has not power to borrow a sum exceeding its capital stock, or at a rate of interest exceeding eight per cent, payable semi-annually; nor must such mortgage, conveyance or pledge be made otherwise than by the consent of the holders of the larger part in value of the capital stock, expressed by vote, at a meeting of the stockholders called for that purpose, of the time and place of which meeting, and of the purpose for which it is called, thirty days' notice is given each stockholder personally, whose residence is known, and by publication for four consecutive weeks in the newspaper published nearest the place of business of the corporation.

Such corporation, when duly organized, has, in addition, power to locate, construct and operate, to and from its mines, furnaces, mills, factories, quarries or other works, railways, tramways, canals or roads, or to acquire by purchase railways, tramways, canals or roads, whereby a connection may be made to and with the principal place of its business, its mines, furnaces, mills, factories, quarries or other works, and any public highway, turnpike, macadamized, plank or other graded road, or railroad, or navigable waters, or to or with its mines, ore-beds, coking or cooling grounds, or timber lands; or canals or aqueducts to and from its mills or factories, or furnaces, or quarries, and any waters or water-courses; and such corporation has also power to transport, as a common carrier, persons or property on any railroad, or other road, or on any canal or aqueduct, constructed or purchased by it, taking reasonable compensation. If necessary in the construction

of such canals, aqueducts, railways, tramways, or roads, the corporation has power to condemn lands, or an interest or easement therein, private property, for a way and right of way, in the mode prescribed by law, such way and right of way not exceeding one hundred feet in width throughout the whole length of such canal, aqueduct, railway, tramway, or road; and without the consent of the owner of the land, the same must not be constructed through the yard, garden, orchard, stable-lot, gin-house, barn or through the curtilage of a dwelling-house; and such corporation has power to erect, at such place as may be deemed convenient for its uses, depots, or other buildings, or structures, or wharves; and may purchase, hire or charter vessels or boats for the transportation of its products or property; and may aid in the construction of railroads, or in the establishment of lines of vessels or boats, running to and from such depots, or other buildings, or structures, or wharves; but the owner of any land which may be taken under the provisions of this section shall have the right to have all his property, of like kind with that transported by the corporation, carried by such corporation over or upon such canal, railway or tramway, upon the payment of a just and reasonable compensation for such carriage.

Corporations, in construction of their railways, tramways or roads, may cross public highways or roads, but must place same in satisfactory condition. They may likewise cross any navigable streams, but must not impair navigation.

IV. CONSOLIDATION OF CORPORATIONS:

Any two or more may consolidate, upon recommendation of the board of directors of each corporation in writing, if adopted by a majority in value of capital stock. When the proposition of consolidation has been adopted and the agreement therefor reduced to writing under the corporate seals, stating the consolidation to be with the consent of the stockholders, and its terms and conditions, such agreement must be recorded in the office of the judge of probate where such corporations are located, and such consolidation is thereby completed.

The consolidated corporation may adopt the name and charter of either corporation, and may make such changes as to the amount of stock and directors as may be deemed proper. The consolidated corporation is entitled to all the property and rights of each, and liable for the debts of each, and pending suits shall proceed in the name of the consolidated corporation.

V. INCREASE OF CAPITAL STOCK:

Capital stock may be increased to a sum not exceeding ten million dollars, by vote of stockholders holding the larger amount in value of the capital stock. Thirty days' notice of a meeting called for this purpose must be given each stockholder personally and by publication in a newspaper published in the place where the corporation is located. The proceedings of the meeting, signed by the president, must be filed and recorded in the office of judge of probate. Stockholders are entitled to a preference in taking the increased stock.

VI. ALTERATION OR AMENDMENT OF CHARTER:

Corporations may on vote of not less than three-fourths of the stockholders, holding not less than two-thirds in value of the stock, alter or amend the charter by filing, in the office of the judge of probate where the original declaration is filed, a declaration in writing, signed by them, setting forth the name, purpose of the corporation, and business, capital stock subscribed for and taken, and the proposed changes, which declaration must be verified by affidavit of one of the signers, stating that the statements of the declaration are true, and that the signers signed the same in the presence of affiant, or acknowledged their signatures thereto. Upon the filing of such declaration the judge of probate issues a certificate authorizing the corporation to do business under the amended declaration. (Acts of Alabama 1888-89, p. 20.)

VII. MEETINGS IN OTHER STATES:

Meetings may be held in other states by a vote, at a meeting of the directors or stockholders, whenever all of the Alabama stockholders consent thereto in writing, and provided such corporation shall keep an office, agent and place of business within the State, and within thirty days after such meeting shall deposit with such agent a certified copy of the proceedings of such meeting, which certified copy shall be received in evidence in all courts in this State, in lieu of the original, and which certified copy shall at all times be subject to inspection by any person lawfully entitled to demand such inspection. Failure to keep such certified copy on deposit is cause for proceedings to dissolve the corporation.

There must also be filed in the office of the judge of probate in the county where its agent and principal place of business are kept a declaration showing the name and style of such agent, and the place where certified copies of its records are kept. Service of process on such agent shall be deemed and taken as service of process on the corporation. (Acts of Alabama 1888-89, page 76.)

Board of directors is elected annually by the stockholders. Vacancies are filled by theboard of directors.

VIII. INCORPORATION FEES:

All corporations incorporated under the laws of this State, before they are authorized to do business, are required to pay to the judge of probate or other officer issuing a certificate, fees proportionate to the amount of the proposed capital as hereunder tabulated; provided, however, that all corporations and mutual companies which have no capital stock shall pay a fee of twenty-five dollars:

Up to $50,000 (inclusive)	$ 25.00
$ 50,000 to $100,000	50.00
$100,000 to $250,000	75.00
$250,000 to $500,000	100.00
$500,000 to $1,000,000	200.00
Over $1,000,000	250.00

IX. FOREIGN CORPORATIONS:

All foreign corporations are required to pay into the treasury of the State like fees as those required of corporations organized under the laws of this State. Failure to comply with the provisions of the law requiring such license fees invalidates any contract made by the corporation so failing to comply with the law. (Acts of 1894-95, p. 1024.)

No foreign corporation shall do any business in this State without having at least one known place of business and an authorized agent or agents therein (67 Ala., 26; 71 Ala., 60; Acts, 1886-87, p. 102; 89 Ala., 198; 88 Ala., 275, 280, 281), and such corporation may be sued in any county where it does business, by service of process upon an agent anywhere in this State.

MINING.

I. COMPANIES:

State laws governing the formation of companies for the development and operation of mineral and quarry lands are given in extenso under the head of "Corporations."

II. INSPECTION OF MINES:

The law of this State provides for the appointment by the Governor of a mine inspector who shall not be a member of a firm or stockholder of any corporation engaged in mining, and who shall give a bond of one thousand dollars for the faithful performance of his duties. He shall hold office for two years and give his whole time and attention to the duties of his office. The inspector shall keep his office in the city of Birmingham. The Governor may discharge him at any time and appoint a successor upon the filing of a written complaint substantiated by proof, of unfairness, unfitness, incompetency or malfeasance.

"It shall be the duty of the mine inspector to examine all the mines in this State as often as possible to see that all the requirements of the law are strictly observed and carried out. He shall particularly examine the works and machinery belonging to any mine, examine into the state and condition of the mines as to ventilation, circulation and condition of air, drainage and general security; he shall make a record of all examinations of mines, showing the date when made, the conditions in which the mines were found, the extent to which the laws relating to mines and mining are observed or violated; the progress made in the improvements and security of life and health sought to be secured by the provisions of this act; number of accidents, injuries received, or deaths in or about the mines; the number of persons employed in or about each mine, together with all such other facts and information of public interest concerning the condition of mines, development and progress of mining in this State, as he may think useful and proper, and so much thereof as may be of public interest, to be included in his biennial report. In case of any controversy or disagreement between the mine inspector and the owner and operator of any mine, or the persons working therein, or in case of conditions of emergency requiring counsel, the mine inspector may call on the board of examiners for such assistance and counsel as may be necessary. Should the mine inspector find any of the provisions of this act violated, or not complied with, by any owner, lessee, or agent in charge of any mine, he shall immediately notify such owner, lessee, or agent in charge, of such neglect or violation, and unless the same is within a reasonable time rectified and the provisions of this act fully complied with he shall institute a prosecution. The inspector shall exercise a sound discretion in the enforcement of the provisions of this act, and if in any respect (which is not provided against by, or may result from a rigid enforcement of any express provision of this act), the inspector finds any matter, thing or practice in or connected with any such mine to be dangerous or defective so as in his opinion to threaten or tend to the bodily injury of any person, the inspector may give notice thereof in writing to the owner, agent or manager of the mines, and shall state in such notice the particulars in which he considers such mine or any part thereof, or any matter, thing or practice to be dangerous or defective, and require the same to be remedied. For the purpose of making the inspection and examination provided for in this section the mine inspector and board of examiners shall have the right to enter any mine at all reason-

able times by night or by day, but in such manner as shall not unnecessarily obstruct the working of the mine, and the owner or agent of such mine is hereby required to furnish the means necessary for such entry and inspection. The inspection and examination herein provided for shall extend to fire clay, iron ore and other mines as well as coal mines." (Acts of Alabama, 1894-95, Sec. 2.)

The inspector of mines shall give directions to the mine operators, owners and general managers as to the method and manner of working gaseous mines and the manner of working and propping the roof in any and all mines, and shall examine the machinery and appliances used in working the same, and give directions as to the examination of the same. All such directions shall be given in writing, subject, however, to the approval of the board of examiners as herein provided.

The inspector of mines shall biennially, prior to the convention of the General Assembly, make a written report to the Governor of the condition of the mining interests of the State, with such suggestions as may be of advantage thereto.

III. MAPS AND REPORTS:

An accurate and exact map of each underground mine in the State shall be made by a competent engineer, showing the exact position of the mine in relation to section lines, any branches, creeks or rivers under which said mine may extend, and as near as possible the position of any old or abandoned mine near by. This map must be corrected every twelve months and filed in the office of the inspector.

On or before the twenty-fifth day of January in each year the operator or superintendent of every coal, iron and clay mine, or limestone quarry, shall send to the mine inspector a correct report, specifying with respect to the year ending with the thirty-first day of December preceding, the name of the operator and office of the mine and the quantity of coal, ore, clay or limestone mined. The report shall be in such form and give such information regarding such mine or quarry as may be from time to time required and prescribed by the mine inspector. Blank forms for such reports will be furnished by the mine inspector.

IV. BOARD OF EXAMINERS:

The inspector of mines shall, together with two mining engineers and one practical miner, to be appointed by the Governor for two years, constitute a Board of Examiners. The said board shall be empowered to grant certificates of competency of two grades, namely: Certificates of the first class to persons who have had experience in mines generating explosive gases, and who shall have the necessary qualification to fulfil the duties of mine foremen in such mines; and certificates of the second class to persons who give satisfactory evidence of their ability to act as mine foremen in mines not generating explosive gases. Applicants for first and second class mine foremen's certificates shall be at least twenty-three years of age and shall have had at least five years' practical experience after having attained to the age of fifteen years, as miners, superintendents, at or inside of any iron ore or coal mine in this State, and shall be citizens of this State and men of good moral character and of known temperate habits. No person shall act as mine foreman in any iron ore or coal mine in this State generating explosive gases unless in possession of a first-class certificate of competency.

V. ACCIDENT:

When an explosion or other accident causing loss of life shall occur in a mine it shall be the duty of the person in charge of the mine to give immediate notice to the mine inspector, who will repair at once to the mine and make such suggestions as may appear necessary to secure the safety of any persons who may be endangered. He shall also investigate the cause of the accident and keep a record thereof on file.

VI. MEASURES OF SAFETY:

Ventilation: Every coal mine, whether worked by shaft, slope or drift, shall be provided with sufficient ventilation for each and every person employed therein, and ventilating doors shall be so hung as to close automatically.

The cages used for the purpose of hoisting and lowering persons in and out of the mine must be provided with sufficient cover and with improved safety catches. An adequate brake and a proper indicator showing the position of such cage shall be attached to every drum or machine used in operating such cages.

When a place is likely to contain a dangerous accumulation of gases or water, approaching works shall not exceed eight feet in width, and there shall be constantly kept at a sufficient distance ahead, not less than three yards in advance, one bore hole near the center of the working and sufficient flank bore holes on each side.

When gas is known to exist, the owner, agent or operator of any coal mine shall employ a competent fire boss, whose duty it shall be to examine every place in the mine before the men are permitted to enter for work. Said fire boss shall be at some convenient place each day to inform every man as to the state or condition of his working place before entering. Said works shall be carefully examined every morning with a safety lamp by the fire boss before the workmen are allowed to enter therein.

No woman shall be employed to labor or work about any mine in this State, nor any boy under the age of ten years.

Whenever required by the inspector, two openings shall be made to a mine within a reasonable time, one to be used as an escape way.

Owners, agents and operators of any coal mine shall keep a sufficient supply of props and other timber used in the mines, so that the workmen may, at any time, be able to prop their working places, and the owner, agent, or operator shall afford the miners working in their mines proper facilities for the delivery of props and other timber needed by them in their respective working places.

An abstract of the rules relating to mines enacted by the State shall be posted in some conspicuous place at or near the mine, and any person injuring or defacing such abstract shall be guilty of a misdemeanor.

VII. MISDEMEANORS:

Any person or persons who shall intentionally or carelessly injure any shaft, safety lamp, instrument, air course or brattice, or obstruct or throw open airways or take matches for any purpose, or pipes or other smokers' articles beyond any station inside of which locked safety lamps are used, or injure any part of the machinery, or open a door in the mine and not close it again immediately, or open any door the opening of which is forbidden, or use any oil not known to be the best miners' oil in lamps, or do any act whatsoever whereby the lives or the health of persons or the security of the mines or machinery is endangered, shall be deemed guilty of a misdemeanor, and upon conviction thereof by a court of competent jurisdiction be punished by a fine not exceeding two hundred and fifty dollars, or imprisonment in the county jail not exceeding six months, or both, at the discretion of the court.

VIII. ENGINEERS:

The owner, agent or operator of any coal mine shall place in charge of any engine used for conveying into and hoisting out of such mine, none but an experienced, competent and sober engineer. No engineer in charge of such engine or machinery shall allow any person—except such as may be deputed for that purpose by the owner, agent or operator—to interfere with it, and no person shall interfere with, or in any way intimidate the engineer in the discharge of his duty.

IX. WEIGHT OF COAL:

The mine inspector, miners employed in the mines, and owners of lands, or persons interested in the rental and royalty of such mines, shall at all proper times have full right and access to all scales used at said mines, including bank book in which the weight of coal is kept, and to examine the amount of coal mined for the purpose of testing the accuracy thereof. In all mines where miners or laborers are paid by weight of coal or ore mined or cut, said weighing is to be done honestly and carefully, and the mining inspector must test the scales at least once every six months; oftener if complaint in writing be made to him.

X. ENCROACHMENT:

Whenever the owner or lessee of any land, adjacent to other lands upon which any mine is being worked, has reason to believe that his land is being encroached upon by said mine, he may, after notice to the mine owner, upon making affidavit to the Probate judge, procure an order from said Probate judge to enter said mine with a competent surveyor for the purpose of inspection of the same, and if admission be refused to said adjacent land holder or engineer, the owner or operator of the mine shall be guilty of a misdemeanor and fined not exceeding one hundred dollars for each offense. (Acts 1892-93, p. 331.)

DIGEST OF THE

Commercial, Corporation and Mining Laws OF ARIZONA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by CHARLES BLENMAN, Attorney and Counsellor at Law, Tucson, Arizona.

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COMMERCIAL LAW.

I. COURT FEES:

Acknowledgment before notary public	$ .75
" " justice	.25
" " " with certificate	.75
" " clerk of court	.75
Attachment, writ of	1.00
Appeal, filing	3.00
Appeal, transcript of record, per 100 words	.20
Commencement of suit in Justice Court, deposit	3.00
If garnishment or attachment also applied for	6.00
Commencement of suit in court of record, for plaintiff	10.00
Commencement of suit in court of record, for defendant	5.00
Incorporation, per 100 words	.20
Foreign corporations	5.00
Mandamus, no fee on order; writ	1.00
Probate, deposit on filing petition for probate, or letters administration	10.00
Protest	2.00
Each notice	.50
Record—Each 100 words	.20
Certificate and seal	.75
Mining location, first 100 words $1, and each additional 100	.20
Redemption	.75
Sheriff—Mileage one way, 30 cents per mile, and service fee	2.00
Attending court, each day	4.00
Transcription, on appeal, per folio	.15
Witness, mileage one way, 10 cents, and per day	2.00

II. EMINENT DOMAIN:

The right of eminent domain may be exercised in behalf of canals, ditches, flumes, aqueducts and pipes for public transportation, supplying mines and farming neighborhoods with water, etc.; roads, tunnels, ditches, flumes, pipes and dumping places for working mines; also outlets, natural or otherwise, for the flow, deposit or conduct of tailings or refuse matter from mines; also an occupancy in common by the owners or possessors of different mines of any place for the flow, deposit or conduct of tailings or refuse matter from their several mines.

III. LIENS:

All persons who may labor or furnish material of any kind in the construction, alteration or repair of any canal, water-ditch, flume or aqueduct, or reservoir, bridge, fence, or other structure or improvement, and to whom money or wages are due or owing therefor, shall hereafter have a lien upon the same for such sums as are unpaid. All miners, laborers and others who may labor, and all persons who may furnish material of any kind, designed or used in or upon any mine or mining claim, and to whom wages are due for such labor or material, shall have a lien upon the same for such sums as are unpaid. The word agent, as used in this act, shall be construed to include all contractors, sub-contractors, architects, builders and persons who have the charge or control of any mine, mining claim, canal, water-ditch, flume, aqueduct, reservoir, fence, bridge, mill, manufactory, hoisting-works or other property or thing upon which labor had been performed or material furnished. The liens provided for in this act are preferred to all liens, mortgages and other incumbrances which shall have attached upon the property subsequent to the time when the labor was commenced or the material commenced to be furnished. Also to all liens, mortgages and other incumbrances of which the lien-holder had no notice, either actual or constructive, at the time he commenced the labor or commenced to furnish the material.

No lien created by this act shall continue for a longer period than six months after the filing thereof in the county recorder's office of the proper county, unless suit is brought within such period in the proper court to enforce the same. In suits to enforce liens all lien-holders interested may be joined as plaintiffs where their interests do not conflict, and in case of conflict of interests a part may be joined as plaintiffs and a part may be made defendants. The assignee of any contract or account for material furnished or labor performed may attest, file, record and enforce the same as if he had been the original holder thereof.

The procedure to enforce the lien provided in this act shall be the same as in other civil cases.

CORPORATIONS.

I. ORGANIZATION:

Any number of persons may associate themselves together and become incorporated for the transaction of any lawful business. Articles of incorporation must contain: 1. Names of corporators, name of corporation and principal place of transacting business. 2. General nature of the business proposed to be transacted. 3. Amount of capital stock authorized, and times when and conditions upon which it is to be paid in. 4. The time of commencement and termination of corporation. 5. By what officers or persons affairs of corporation are to be conducted, and times at which they are to be elected. 6. Highest amount of indebtedness or liability to which the corporation is at any time to subject itself. 7. Whether private property is to be exempt from corporate debts. Unless so exempted, stockholders are liable for debts of the corporation, in the proportion which their stock bears to the whole capital stock.

Every corporation shall publish, for at least six days, in some newspaper published in the county in which its principal place of business is located or works established, if there be one, and if not, then in some newspaper having a general circulation in such county, a copy of its articles of incorporation.

Corporations for the construction of any work of internal improvement may be formed to endure for fifty years; those formed for any other purposes shall not exceed twenty-five years in duration, but in either case they may be renewed from time to time for a period not greater than was at first permissible, when three-fourths of the votes cast at any regular election held for that purpose shall be in favor of such renewal.

Before commencing any business, except that of their own organization, they must adopt articles of incorporation, which shall be signed and acknowledged by them, as deeds are required to be acknowledged, and recorded in a book for that purpose, in the office of the county recorder of the county where the principal place of business is to be. The corporation may commence business as soon as the articles are filed for record in the office of the county recorder, and their acts shall be valid if the publication in a newspaper is made, and the copy filed in the office of the Secretary of the Territory where such filing is necessary, within three months from such filing in the recorder's office. No change in any of the foregoing particulars shall be valid unless recorded and published as the original articles are required to be; nor shall any change be made at any time or in any manner which would be inconsistent with the provisions of this act.

II. DISSOLUTION:

The corporation shall not be dissolved prior to the period fixed upon in the articles of incorporation, except by majority of stock of its members, unless a different rule is adopted in the articles. And no such premature dissolution shall take place unless preceded by the newspaper publication required at its organization.

Any corporation organized or attempted to be organized in accordance with the provisions of this act shall cease to exist by non-user of its franchises for five years at any one time; but such body shall not forfeit its franchises by reason of any omission to elect officers or to hold meetings at any time prescribed by the by-laws. Corporations whose charters expire by their own limitation, or by the voluntary act of the stockholders, may, nevertheless, continue to act for the purpose of closing up the business but for no other purpose.

III. FRAUD:

Intentional fraud in failing or refusing to comply substantially with the articles of incorporation shall be

misdemeanor, and, upon indictment and conviction in a court of competent jurisdiction, the party or parties so offending shall be punished by a fine of not less than one hundred dollars or more than one thousand dollars, or imprisonment for not less than three months nor more than one year, or a fine and imprisonment both, at the discretion of the jury; and any person who has sustained injury from any such fraud may also recover damages therefor against those guilty thereof. The intentional keeping of false books or accounts by any corporation, whereby anyone is injured, shall be a misdemeanor on the part of those concerned therein, and they, upon trial and conviction, shall be fined any sum not less than one hundred dollars nor more than one thousand dollars.

IV. TRANSFER OF STOCK:

Transfers of the stock shall not be valid, except as between the parties thereto, until the same are regularly entered upon the books of the company, so as to show the names of the persons by whom and to whom the transfer is made, the numbers or other designation of the shares, and the date of the transfer. The books of the company shall be so kept as to show intelligently the original stockholders, their respective interests, the amount which has been paid thereon, and all transfers thereof; and such books or correct copies thereof, so far as they relate to the items mentioned in this section, shall at all times be subject to the inspection of any stockholder desiring the same. Mortgagees of shares of stock in any company are prohibited from voting at any election, general or special. The right to vote is restricted to the owner of the shares.

V. LIABILITY OF STOCKHOLDERS:

Nothing herein shall exempt the stockholders of any corporation from individual liability to the amount of the unpaid installments on the stock owned by them or transferred to them for the purpose of defrauding creditors; and an execution against the corporation to that extent may be levied upon the private property of such individual.

VI. FUNDS:

For the purpose of making repairs, building or enlarging or extending works, or to meet contingencies, or for the purpose of providing a sinking fund for the payment of debts, the corporation may establish a fund and loan the same out from time to time, taking in all cases a good and sufficient security for the payment of the same.

VII. IN LEGAL PROCESS:

In any proceeding by or against a corporation, the court shall have the power to compel the officers of the corporation, on motion of either party, upon proper cause being shown, to produce the books of the corporation, and when so produced either party may use the same in evidence.

Persons acting as a corporation under the provisions of this act shall be presumed to be legally organized until the contrary is shown, and no such franchise shall be declared to be actually null and forfeited, except in a regular proceeding brought for that purpose. No persons acting as a corporation under the provisions of this act shall be permitted to set up or rely upon the want of a legal organization as a defense to any action brought against them as a corporation; nor shall any person who may be sued on a contract made with such corporation, or sued for an injury done to its property, or for a wrong done to its interests, be permitted to rely upon such want of legal organization in his defense.

VIII. CONSTRUCTION OF WAYS:

No corporation organized under the provisions of this act for the purpose of doing a mining or manufacturing business shall have power to construct or operate any railroad, tramway, turnpike or canal, except such as may lead from its principal works or place of business to some navigable stream or to some existing railroad, turnpike or public highway.

IX. FOREIGN CORPORATIONS:

Any company organized under the laws of any other state or territory, for any enterprise, business, pursuit or occupation proposed to be carried on, or the principal office or place of business of which is proposed to be located within this Territory, shall make and file certified and duly authenticated copies of their articles of incorporation with the Secretary of this Territory and the county recorder of the county in which its business or principal office is located. Such company, or a company organized in a foreign country for like purpose, shall file with the Secretary of this Territory and the county recorder of such county the lawful appointment of an agent upon whom all notices and processes, including service of summons, may be served, and when so served shall be deemed and taken and held to be a lawful personal service for all purposes. Every act done by such corporation prior to the filing of the articles of incorporation and the appointment of such agent shall be utterly void. Such agents must be bona fide residents of the county; the appointment shall be by resolution of the company, signed by its president, manager or secretary, stating the full name and residence of such agent. Should any agent so appointed absent himself from the county in which his appointment is filed for a period of two months consecutively, and no other agent be appointed for such corporation within four months after the commencement of such absence of such agent, the right to transact business by the corporation represented by such agent shall cease, and all acts or contracts performed or made thereafter shall, at the option of any person interested, be declared null and void. Compliance with these provisions confers all rights and privileges enjoyed by any company organized under the Territorial laws; provided, that a corporation organized under the laws of any foreign country shall take, receive, possess, hold, acquire or own at any one time not more than three hundred and twenty acres of real estate, exclusive of mines and mineral lands and land necessary or convenient for milling, smelting, reducing or working ores, or for manufacturing or commercial purposes.

MINING.

I. CORPORATIONS:

The organization of corporations or companies for the development or operation of mining or quarrying lands is covered under the head of "Corporations," No. I.

II. DISTRICT REGULATIONS:

The mining districts heretofore or hereafter created in the several counties of this Territory are hereby authorized and empowered to make all necessary rules and regulations for the location, registering and working of mines therein; provided, that all locations and registrations of mines and mineral deposits hereafter made shall be filed with the county recorder for record within sixty days after the same shall have been located.

III. LOCATION AND RECORD:

The size of claim, annual work required to be done thereon, and the manner of location are regulated solely by United States statutes, but the following regulations imposed by the Territorial Legislature must be observed:

Every notice of location of a mining claim shall contain: 1. The name of the claim located. 2. The name of the locator. 3. The date of location. 4. The number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim. 5. The general course of the lode deposit or premises located. 6. The locality of the claim with reference to some natural object or permanent monument, such as will identify the claim.

All mining locations shall be absolutely void unless the certificate of location thereof shall contain: 1. The name of the lode or premises. 2. The name of the locator or locators. 3. The date of location. 4. The number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim. 5. The general course of the lode or premises, as near as may be. 6. The locality of the claim with such reference to some natural object or permanent monument as will identify the claim.

Before filing such location certificate with the county recorder of the proper county, the discoverer shall locate his claim by: 1. Sinking a discovery shaft upon the premises so claimed, to a depth of at least ten feet from the lowest part of the rim of such shaft at the surface, and deeper if necessary, until there is shown by such work a lode deposit or mineral in place. 2. By posting at the point of discovery, on the surface, a plain sign or notice, substantially conforming to the location certificate. 3. By marking such claim or premises on the ground, so that its boundaries can be readily traced. Such surface boundaries shall be marked by eight substantial posts, projecting at least three feet above the surface of the ground, or by substantial stone monuments at least three feet high, to-wit: One at each corner of said claim, and one at the center of each end and side line thereof.

Any open cut, cross cut, adit or tunnel which shall be made as above provided for, as a part of the location of a mining claim, and which shall be equal in amount of work to a shaft ten feet deep and four feet wide by six feet long, and which shall cut a lode or mineral in place at the depth of ten feet from the surface, shall be equivalent, as a discovery work, to a shaft sunk from the surface.

The discoverer shall have ninety days from the date of discovering the lode, and the posting of the notice thereon, to perform said discovery work thereon. If at any time the locator of any mining claim heretofore or hereafter located, or his assigns, shall learn that his original certificate was defective, or that the requirements of the law had not been complied with before filing, or shall be desirous of changing his surface boundaries, or of taking in any additional ground which is subject to location, or in case the original certificate was made prior to the passage of this law (July 1, 1895), and he shall be desirous of securing the benefits of this act, such locator or his assigns may file an amended certificate of location, subject to the provisions of this act regarding the making of new locations.

IV. ASSESSMENT WORK:

The amount of assessment or representation work or improvements to be done or made during each year, after the completion of the location as heretofore provided, and the time for doing the same, shall be as provided by the laws of the United States. Within three months after the expiration of the period of time fixed for the performance of annual labor, or the making of improvements upon any mining claim or premises, the person on whose behalf such work or improvement was made, or some person for him, knowing the facts, may make and record in the office of the county recorder of the county wherein such claim is situate, an affidavit setting forth the name and location of the lode or claim, the name of the owner or owners, the extent, nature and value of the work done, and the names of the men performing the same for the said owner.

Such affidavit shall be made before a notary public, under his official seal, and when so recorded shall be prima facie evidence of the performance of such labor or the making of such improvements, and said original affidavit, after it has been recorded, or a certified copy of record of same, shall be received as evidence accordingly by all the courts of this Territory.

V. RE-LOCATION:

The re-location of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing new boundaries in the same manner and to the same extent as is required in making a new location; or the re-locator may sink the original discovery shaft ten (10) feet deeper than it was at date of commencement of such re-location, and shall erect new, or make the old monuments the same as originally required. In either case a new location monument shall be erected, and the location certificate shall state if the whole or any part of the new location is located as abandoned property.

VI. DELINQUENT CO-OWNERS:

Whenever a co-owner or co-owners shall give to a delinquent co-owner or co-owners the notice in writing or notice by publication provided for in Section 2324 of the Revised Statutes of the United States, an affidavit of the person giving such notice, stating the time, place, manner of service and by whom and upon whom such service was made, shall be attached to a true copy of such notice, and such notice and affidavit must be recorded in the office of the county recorder of the county in which the mining claim is situated, within ninety (90) days after the giving of such notice; or, if such notice is given by publication in a newspaper, there shall be attached to a printed copy of such notice an affidavit of the editor, publisher or foreman of such paper, stating the date of the first, last and each insertion of such notice therein, and when and where the newspaper was published during that time, and the name of such newspaper.

Such affidavit and notice shall be recorded, as aforesaid, within one hundred and eighty (180) days after the first publication thereof. The original of such notice and affidavits, or the records thereof, shall be the evidence that the delinquent mentioned in said Section 2324 has failed or refused to contribute his proportion of the expenditure required by that section, and of the service or publication of said notice; provided the writing or affidavit hereinafter provided for is not of record.

If such delinquent shall, within the ninety days required by Section 2324 aforesaid, contribute to his co-owner or co-owners his porportion of such expenditure, such co-owner or co-owners shall sign and deliver to the delinquent or delinquents a writing, stating that the delinquent or delinquents, by name, has, within the time required by Section 2324 of the Revised Statutes of the United States, contributed his share for the then year upon the said mine, by name, and further stating therein the district, county and territory where the same is situate, and the book and page where the location notice is recorded. Such writing shall be recorded in the office of the county recorder of said county.

If such co-owner or co-owners shall fail to sign and deliver such writing to the delinquent or delinquents, within twenty days after such contribution, the co-owner or co-owners so failing as aforesaid shall be liable to a penalty of one hundred dollars, to be recovered by any person for the use of the delinquent or delinquents, in any court of competent jurisdiction. If such co-owner or co-owners fail to deliver such writing within said twenty days, then the delinquent, with two disinterested persons having personal knowledge of such contribution, may make an affidavit, setting forth in what manner, the amount of, to whom and upon what mine such contribution was made. Such affidavit or a record thereof in the office of the county recorder of the county in which said mine is situate shall be prima facie evidence of such contribution.

In all actions, proceedings, judgments, grants, notices, conveyances or writings it shall be a sufficient description of a mining claim if it can be intelligently learned therefrom the name of the claim, the district, county and Territory where same is situate, and the book and page where the notice thereof is recorded.

VII. MANIPULATION OF ORES WITH INTENT TO DEFRAUD:

Every person who shall mingle or cause to be mingled with any sample of gold or silver bearing ore any valuable metal or substance whatever that will increase or in any manner change the value of said ore, with the intent to deceive, cheat or defraud any person or persons, shall, on conviction thereof, be punished by a fine not less than five hundred nor more than one thousand dollars, or by confinement in the penitentiary for a term of not less than one nor more than ten years, or by both such fine and imprisonment.

VIII. DRAINAGE:

Whenever adjacent or contiguous mines, whether worked upon the same or separate lodes, have a common ingress or common drainage, they shall bear their proportionate share of such drainage expense to prevent the flowing of water upon neighboring mines. In case of failure to drain, whereby occupants of adjacent or contiguous mines are compelled to provide for water flowing in from first-mentioned mine, parties in default shall pay their proportion of actual and necessary cost of providing for said water, to be recovered by action. Common interests may unite in draining such mines, as a corporation, with all the rights, incidents and liabilities of a body corporate, so far as the same may be applicable. Failing to agree as above indicated, one or more of said parties, after reasonable notice to others interested, may drain, dividing and recovering by action the proportionate expense thereof. In an action to recover such expense, examination of the mines may be had before trial, under order of court, upon at least three days' notice; provided defendant has refused plaintiff or his agent the privilege to make said examination. These provisions do not apply to unopened or undeveloped mines.

IX. SALE BY PROBATE COURT:

Mines or interests therein belonging to estates of decedents may be sold by order of Probate Court having jurisdiction of the estate, upon petition by party in interest, and personal service on all persons interested in the estate of order to show cause, etc.

X. WATER RIGHTS:

The common-law doctrine of riparian rights is abolished. All rivers, creeks and streams of running water are public and applicable to the purposes of irrigation and mining. Rights in acequias, or irrigating canals, heretofore established, shall not be disturbed, nor the course of such acequias be changed without consent of the proprietors of such established rights. Right to irrigate shall be preferable to all others, and shall not be obstructed or impeded by the erection of any dam, mill, machinery, or by any sluice or dyke, except for mining purposes or reduction of metals as hereinafter provided. When reduction works or other mining apparatus shall be placed upon lands previously held for agricultural purposes, the holder thereof shall be entitled to a remuneration to be fixed by appraisement of damages.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF ARKANSAS.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by C. B. MOORE, Attorney-at-Law, Little Rock, Arkansas.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments of deeds within the State may be taken before the Supreme Court, the Circuit Court, or either of the judges thereof, or the clerk of any court of record, or any justice of the peace or notary public. Anywhere else within the United States, or their territories, before any Federal, State or Territorial Court having a seal, or the clerk of any such court, notary public, mayor of any city or town, or chief officer of any city or town having a seal, or a commissioner appointed by the Governor of this State. Out of the United States, before any court having a seal, any mayor or chief officer of any city or town having a seal, or any officer of any foreign country, authorized by the laws of such country to take probate of conveyance of real estate of his own country, having an official seal, or before the clerk of any court of record of the Indian country, embracing the five civilized tribes.

II. ALIENS:

Aliens may own, devise, transmit, inherit, or in any way acquire or dispose of lands or other property.

III. ASSIGNMENTS:

Assignments for the benefit of creditors may be made with or without preference, with the exception that no preferences are allowed among creditors of insolvent corporations, except for wages and salaries of laborers and employes. Assignee must give bond in double the amount of property assigned, and must sell at auction within one hundred and twenty days, all the property assigned to him for the payment of debts. Proof of fraud on the part of the assignor is sufficient to invalidate the assignment, whether the assignee knew of it or not.

IV. ATTACHMENTS:

Plaintiff in civil action, arising on contract, may at or after commencement thereof have attachment against property of defendant where said defendant is non-resident of the State, or foreign corporation, or has been absent four months from the State, or has departed from it with intent to defraud his creditors, or has left the county of his residence to avoid service of a summons, or conceals himself so that a summons cannot be served upon him, or has transferred, sold, conveyed or removed his property out of the State with fraudulent intent, or is about to sell, remove or dispose of the same with such fraudulent intent, not leaving enough to pay all his debts. Under a writ of attachment debts due the defendant may be garnisheed. Plaintiff must give bond with sureties, conditioned to pay all damages defendant may sustain if the order of attachment is wrongfully obtained.

V. CLAIMS AGAINST ESTATES:

Claims not exhibited within two years after the grant of letters are barred. Claims in favor of the executor or administrator, against the estate of his testator or intestate, must be established by competent testimony in the Probate Court; and the executor or administrator must make the same affidavit to his claim which is required of other persons. Claims against estates are payable in the following order: 1. Funeral expenses. 2. Expenses of last sickness, wages of servants and demands for medicines and medical attendance during last illness. 3. Judgments rendered against deceased in his lifetime which are liens on his lands. 4. All other demands exhibited within one year after the grant of letters. 5. All such demands exhibited after the end of one year from the grant of letters, and within two years thereafter. All actions pending against deceased at the time of his death, and revived against his personal representative, are considered as legally exhibited against his estate from the time of such revival. All actions commenced against an executor or administrator are considered as demands legally exhibited against his estate from the time of service of process. Claims are exhibited by delivering to the executor or administrator a copy of the judgment, note, or other written contract, and exhibiting the original; or if the claim is on an account, an itemized account must be delivered. The claimant must append to his demand an affidavit that nothing has been paid or delivered toward the satisfaction of the demand except what is credited thereon, and that the sum of —— dollars above demanded is justly due. The affidavit may be made by anyone acquainted with the facts. If not made by the claimant, it must state that the affiant is acquainted with the facts sworn to. The administrator may allow the claim by indorsing his approval. If the claim is approved it shall be by the claimant returned into the Probate Court for allowance and classification. If rejected, the claimant must give the administrator ten days' notice of the presentation of the claim to the Probate Court for allowance. That court will hear and determine all such demands; and its concise entry of the allowance of a claim has the same force as a judgment.

VI. COURTS:

Circuit Courts with original jurisdiction over all civil cases exceeding one hundred dollars excluding interest, are held twice a year in each county. In Pulaski county, in which Little Rock is situated, suits may be commenced at any time, and if service is had twenty days before the term adjourns, defense must be filed, or judgment by default may be taken. Justices have original jurisdiction in matters of contract up to one hundred dollars, and concurrent up to three hundred dollars, excluding interest. Where there are two or more defendants, living in different counties, suit may be brought before a justice of the peace in the county in which any one of the defendants resides, and summons issued to the other counties for the other defendant or defendants. Courts of Common Pleas are authorized by the constitution, and are established in a few counties, with specially defined jurisdiction in matters of contract, etc., varying from five hundred to one thousand dollars.

VII. FEES:

Acknowledgment before notary public.....	$ .50
Acknowledgment before justice of the peace.....	.50
Acknowledgment before clerk of the court.....	.50
Attachment, contingent on amount involved, etc., say.....	10.00
Appeal, contingent.	
Commencement of suit in Justice Court, say.....	5.00
Commencement of suit in court of record, say.....	7.50
Incorporation	25.00
License for mining, State license.	
Mandamus, contingent.	
Probate, contingent.	
Protest, contingent on number of notices, etc., not less than	2.50
Record, 10c per 100 words and county tax seal, etc..	1.00
Redemption, contingent.	
Sheriff's, entirely contingent, never less than say....	.65
Transcription, 10c per 100 words and certificate, etc., say	.50
Witness, per day.....	1.50

VIII. DEEDS:

The husband must join in conveyance of wife's lands, acquired before October 13th, 1874. In case of lands acquired since that date, the wife may convey as a single person, or in the statutory form for conveyances by married women. Wife must join with husband in deed of his lands—or her dower does not pass—and the certificate of acknowledgment must show that the wife acknowledged her relinquishment of dower. Deeds and mortgages are not required to be filed for record within any specified time. Mortgages are not liens until filed for record.

IX. DEPOSITIONS:

Depositions may be used on the trial of all issues in any action where the witness does not reside in the

county where the action is pending, or is absent from the State, or resides more than thirty miles from the place where the court sits in which the action is pending, and may be taken de bene esse, or upon reasonable notice to the adverse party, or upon interrogatories and commission. Reasonable notice is one day for each thirty miles of travel, and one day for preparation, where the distance is one hundred miles or less, and two days when it is more. Where the distance exceeds fifty miles, and the usual mode of travel for the whole or part of the distance is by steamboat, railway, or other public conveyance, the time ordinarily required by such mode of travel, with the days of preparation, shall be deemed sufficient in the notice. Where more than three days' notice has been given to take a deposition out of the State, the party may, by notice to adverse party, or his attorney, served in one day after service of the first notice, require the deposition to be taken upon interrogatories. Where a deposition is taken upon interrogatories, neither the party nor his agent or attorney shall be present, unless both parties are present or represented, unless the opposite party, or his agent or attorney, has been seasonably notified of the time and place of the examination, or the party attending has been notified by the adverse party to attend. The court has power to order that depositions taken in another county in the State shall be taken on interrogatories. The certificate of the officer must state the time and place of taking the deposition; that the witness was duly sworn before he gave his testimony, and that his testimony was written, and read to, and subscribed by him, in the presence of the officer; and also state by whom it was written, and which of the parties, in person, or by agent or attorney, was present at the examination of the witness. When the depositions are completed, they shall be sealed up by the officer, and directed to the clerk of the court in which the action is pending, with an indorsement thereon, showing them to be depositions, and the style of the case, and either delivered or mailed to the clerk by the officer taking them; except that depositions taken out of the State, sealed and directed as above, may be delivered to the party taking the same, his agent or attorney, to be by him delivered, such person so delivering them taking an oath that they have not been opened by him, or other person to his knowledge. The statement of the witness must be written in the presence of the officer taking it, either by the witness or the officer. Depositions may be taken in the State before any judge, clerk of record, justice of the peace, mayor of a city, or notary public. Depositions may be taken out of this State before a commissioner appointed by the Governor thereof, a judge of a court, a justice of the peace, mayor of a city, notary public, or any other person empowered by a commission directed to him, by consent of the parties or by order of the court. Where a deposition is taken out of the State before an officer having no seal, his official character should be certified by a clerk of a court of record of the county.

X. DESCENT:

Real and personal property descends: 1. To children and their descendants, in equal parts. 2. If there be no children, to the father, then to the mother; if no mother, then to the brothers or sisters, or their descendants in equal parts. 3. If there be no children, father, mother, brothers, or sisters, not their descendants, then to the grandfather, grandmother, uncles, aurts, and their descendants, in equal parts, and so on in other cases without rest, passing to the nearest lineal ancestor and their children and descendants, in equal parts. Where there are descendants of the intestate the property descends to them per capita if in equal degree and per stirpes in unequal degree. In case of real estate, if the inheritance was ancestral and came from the father's side, then it will go to the line on the part of the father, not in postponement, but in exclusion of the mother's line, and conversely where the inheritance came from the mother's side. If the inheritance is not ancestral, but a new acquisition, then, after a life estate reserved in succession to the father and mother, if alive, it will go in remainder, first, to the line of the intestate's paternal uncles and aunts and their descendants, in postponement of the mother's line until the former becomes extinct; and then to the line of the intestate's maternal uncles and aunts and their descendants, unless there should be kindred lineal or collateral, who either in right of propinquity or by right of representation, stand in a nearer relationship to the intestate than the uncles and aunts; in which cases such nearer kindred would take the inheritance to the exclusion of both of these collateral lines; and in their hands it would become an ancestral estate, and afterwards go in the blood of the relative whence it came in the ordinary course of descent prescribed for ancestral inheritances. The half blood and their descendants take personalty as well as realty, equal with the whole blood, except they are excluded from real estate when ancestral, if they lack the blood of the transmitting ancestor. Posthumous children of the intestate inherit as if born in the life of the intestate, but other posthumous children not born at his death do not inherit from him. Illegitimate children are capable of inheriting and transmitting an inheritance on the part of the mother.

XI. EXECUTIONS:

Executions are returnable sixty days from date from the Circuit Court, and thirty days from a justice's court. Where execution from Circuit Court has not been stayed, sales are made on a credit of three months on bond and security, said bond having the force of a judgment if forfeited. Execution may be stayed for six months by defendant giving bond with security for judgment, interest, and costs, which bond has the force and effect of a judgment. Sales under a justice of peace execution are for cash in hand.

XII. EXEMPTIONS:

Homestead of married person or head of family in country not exceeding one hundred and sixty acres, with improvements, not to exceed two thousand five hundred dollars; but in no case can the homestead be reduced below eighty acres, without regard to value. In any town, city or village, homestead of one acre, with improvements, of total value of two thousand five hundred dollars, not reducible below one-fourth of an acre, without regard to value. Personal property of married person or head of a family, five hundred dollars besides wearing apparel; unmarried, or not head of a family, two hundred dollars and wearing apparel. No conveyance, mortgage or other instrument affecting homestead of a married man (except for taxes, laborer's and mechanic's lien) is valid unless the wife joins in, and acknowledges same. Debtor may select and claim his homestead, before or after sale on execution, whenever suit is brought for possession. If he neglects to claim it, his wife may do so.

XIII. INTEREST AND USURY:

The legal rate of interest is six per cent., but contracts may be made for any rate not exceeding ten per cent. Interest begins to run on an open account from the time payment is unreasonably withheld. Judgments bear the same interest as contract sued on, if in such instrument the words "until paid" are used concerning the payment of interest. But if the words "per annum" alone are used, then, regardless of the rate stipulated, the judgment would draw six per cent. Usury forfeits principal and interest.

XIV. JUDGMENTS:

Judgments and decrees of Circuit Courts are liens on real estate of defendant within the county in which the court is held and on personal property from the time execution is received by the sheriff. Judgments of justices of the peace become a lien on real estate by filing a transcript with the clerk of the court, and are a lien on personal property from the time execution is received by the constable. Executions may be issued on judgment until it is barred by the statute of limitations. Judgments are rendered at first term of a court of record if no defense is made. Executions cannot issue on justice s judgment after a lapse of five years. If the judgment is over ten dollars, exclusive of costs, plaintiff may, within five years, file transcript of judgment in the circuit clerk's office, and it then has the force and effect of a Circuit Court judgment.

XV. LIENS:

Every mechanic, builder, artisan, laborer or other person, has a lien for work done, and materials or money furnished, on any building, erection or improvement made by him, and upon the land upon which the same is situated, to the extent of one acre in the country, or on the lots of land in a town or city. When the material or property on which a lien exists has been sold or transferred, prior to the release or satisfaction of the lien, the purchaser with notice of such lien, as well as the property, is liable for the amount due. The lien attaches to leasehold interest in land. A just and true account of the demand for lien must be filed in the office of the clerk of the Circuit Court in the county where the property is situated, within ninety days after the lien accrues, and all actions to enforce the lien must be commenced within ninety days after filing the account.

All laborers, including miners in this State, who perform work under a written or verbal contract, have an absolute lien on the production of their labor and for materials furnished, when unpaid for the same. To avail themselves of such lien they must file a sworn statement in the court having jurisdiction of the amounts, showing amount due, with list of land, property, crops or other production of labor and materials furnished. This sworn statement answers the place of an attachment. Such proceedings must be commenced within eight months after the work is done. Summons issues and trial is had as in ordinary suits, if served thirty days before day of trial in Circuit Court and ten days before a justice of the peace.

Landlords also have liens for rent of land. See "XIV. Judgments," and "XIX. Mortgages."

XVI. LIMITATIONS:

Accounts, three years; notes, five years; judgments, ten years; sealed instruments executed prior to March 7th, 1889, ten years; executed after that date, five years. A written acknowledgment of indebtedness or promise to pay, or a part payment, revives the debt. Limitation of actions for the recovery of real estate, seven years. Usual saving clause in favor of infants, married women, and insane persons, but not as to non-residents. Suits to foreclose mortgages or trust deeds are barred unless brought within the period of limitation, so as to affect rights of third parties, unless mortgagee, trustee, or beneficiary, prior to expiration of limitation, endorses memorandum and date of such payment on margin of the record of the mortgage or trust deed; where the debt would be barred in less than one year from March 25th, 1868, mortgagee is allowed one year from that date to bring an action to enforce his lien.

XVII. MARRIED WOMEN:

Married women have the same absolute and unqualified right in property of every description, when acquired, as femmes sole, and the same is not liable for debts or contracts of the husband. To entitle a married woman to her right as to personal property, she must cause such separate property to be recorded in her name in the county of her residence. She may carry on business on her sole and separate account, and she may sue or be sued alone on account of her separate property, business, or services; and she may contract and bind herself in respect to such separate property or business, and no such contract shall be binding on her husband, or render him or his property in any way liable therefor. She may convey property by agent duly appointed by power of attorney. In all actions where a married woman is a party—except as to such separate property or business—her husband must be joined with her in the suit. Widow takes dower in one-third of all lands of which the husband was seized of an estate of inheritance during marriage, unless legally relinquished; also an absolute one-third of all personalty. Where there are no children she takes one-half of realty in fee simple when the estate is a new acquisition, and one-half of the personal estate absolutely, as against collateral heirs; but as against creditors she takes one-third of the real estate in fee simple, and one-third of the personalty absolutely. But if the real estate is ancestral, she takes life estate in one-half as against collateral heirs and one-third as against creditors. The Supreme Court of Arkansas has decided that a wife cannot form a business partnership with her husband; nor can she release dower in favor of her husband; and husband and wife are incapable of contracting with each other.

XVIII. MILLS:

Milldams may be erected at will across non-navigable streams, by the owner of the land or stream, unless likely to cause damage to the property or health of others. If likely to so damage others, a petition must be filed in the Circuit Court and a writ of ad quod damnum issues, and a jury of inquest is appointed to ascertain and report whether the dam can be erected so as not to materially injure health and not to obstruct the passage of fish; and if it may be erected, to assess damages to owners of adjacent lands. Provision is also made for condemning as much as one acre of land for abutment of the dam if the builder owns only one side of the stream. All dams not made in compliance with the law shall be deemed public nuisances and dealt with accordingly.

XIX. MORTGAGES:

Real estate and chattel mortgages are acknowledged same as deeds, and are not liens until filed for record, though good between the parties. May be foreclosed by complaint in equity. Mortgages for real estate to be recorded in the county or counties where the lands lie. Chattel mortgages must be acknowledged as other mortgages. May be filed and not recorded at option of mortgagee, and are liens from time of filing for one year. If the mortgagor of personal property is a non-resident of the State, chattel mortgage must be recorded, or "filed and not recorded," in the county in which the property is situated at the time the mortgage is executed. When marked "filed" by the recorder, the mortgage is a lien from date of filing. Trust deeds must be acknowledged and filed same as mortgages. Before sale under mortgages, the property must be appraised under oath or affirmation, by three disinterested householders appointed by a justice of the county where the property is situated, and must bring two-thirds of the appraised value, or it is reserved from sale twelve months, if real estate, and thirty days, if personal property. At second offering it is sold for what it will bring. The mortgagor is not permitted to waive his right of appraisement or redemption. It is a misdemeanor, or punishable by fine, to sell or remove beyond the limits of the county personal property on twelve months after execution of the mortgage.

Chattel creates no lien, unless the crop is planted within which mortgage rests. Mortgage given on a crop to be

XX. NOTES AND BILLS:

Commercial paper may be defined in general terms as that species of contracts used in the transaction of business as a representative of value, consisting of promissory notes, bills of exchange, and checks, etc. There is no law requiring it to be paid at a bank, or any other fixed place. Foreign and inland bills of exchange are governed by mercantile law as to days of grace, protest and notice. All indorsers or assignors of any instrument in writing assignable by law, which by its terms is payable "without discount or defalcation," may be notified of non-payment or protest of such instrument, and are equally liable with the maker, obligee or payee thereof, or may be sued separately. Sunday, Christmas Day, January 1st, February 22d, July 4th, and Thanksgiving Day, are the legal holidays in the State. Bills of exchange, notes, etc., falling due on either of these holidays are payable on the next day preceding, and may be noted and protested on such next preceding day; but notice and protest the next day after the holiday is valid and effectual. Payer of notes given for "patent rights," or "patent right" territory, may make all defenses against assignee that could have been made against original payee, whether assigned before maturity or not.

XXI. SUITS:

Suits in the Circuit Court are commenced by filing written complaint signed by the party or his attorney, verified by affidavit of the party, but such verification is not required where the complaint is founded on a bill, note, or other written obligation. The first term is trial term, where the summons has been served within the county within which the action is brought, or in adjoining county ten days before the beginning of the term; twenty days elsewhere in the State, or sixty days outside the State.

Suits before a justice of the peace are commenced by filing the account or written contract, or short written statement of facts. Trial five days after service of summons where not exceeding fifty dollars is involved, and ten days if over fifty dollars is involved.

XXII. TAXES:

Taxes must be paid between the first Monday in January and the tenth day of April in each year. If not paid within the time required by law twenty-five per cent. penalty is added, and lands are advertised for two weeks and sold. Lands may be redeemed by the owner or agent or other person for the owner within two years, by payment of purchase money, penalty, and costs, and ten per cent. interest per annum; and by insane persons, persons in confinement, and minors, within two years after expiration of disabilities. Sale conveys absolute title, subject to such redemption.

XXIII. WILLS:

Every person over twenty-one years old may devise realty and personalty, and all persons over eighteen may bequeath goods and chattels by last will and testament. Every will must be executed as follows: 1. It must be subscribed by the testator at the end of the will, or by some person for him at his request. 2. Such subscription shall be made by the testator in the presence of each of the attesting witnesses, or shall be acknowledged by him to have been so made to each of the attesting witnesses. 3. At the time of such subscribing or acknowledgment the testator shall declare the instrument so subscribed to be his last will and testament. 4. There shall be at least two attesting witnesses, each of whom shall sign his name as a witness at the end of the will at the request of the testator. 5. Where the entire body and signature of the will are in the handwriting of the testator it may be established by the unimpeachable evidence of at least three disinterested witnesses to the handwriting and signature of the testator without subscribing witnesses; but no such will shall be pleaded in bar of one subscribed in due form.

Nuncupative wills may be made during last illness, and must be proved by two witnesses, and are not good where the estate bequeathed exceeds five hundred dollars. A copy of a foreign will may be admitted to probate in this State if it appears by the copy of the probate in another state that it was so executed as to be a valid will of lands in this State by the laws thereof. Wills are proved and recorded in the office of the clerk of the Probate Court of the county in which the testator resided at the time of his death. If he had no known place of residence in this State, and land is devised, then in the county where the land, or the greater part thereof, lies. If no land is devised, then in the county where he died, or that in which his estate, or the greater part thereof, shall lie, or where there may be any debt or demand owing to him.

CORPORATIONS.

MINING AND QUARRYING COMPANIES:

There are no constitutional or statutory provisions especially relating to mining or quarrying companies. They are incorporated under a general law, provided for all

incorporated companies, by filing articles of incorporation in the office of the Secretary of State. There is no system of official examination, and no reports are made, except statement required to be made to assessor for the purpose of taxation.

An annual statement is required to be filed in the office of the county clerk by every corporation, showing its financial condition. There are no forms prescribed by the law for incorporation of such companies. The corporation may be formed by three or more persons entering into articles of association for that purpose. The directors must be at least three in number and chosen annually. They elect the president (who must be one of their number) and the other officers. The articles of association, with a certificate, sworn to by the directors, must be filed with the Secretary of State and clerk of the county where the corporation is to have its place of business. The corporation may, of course, issue and sell stock. The capital stock has to be divided into shares of $25 each, and the number of shares fixed in the articles of the association, but may be increased at a meeting of the stockholders called for the purpose. The stock can only be transferred on the books of the corporation in such form as the directors prescribe. A certificate of such transfer must be deposited with the county clerk and be noted by him in a book kept for that purpose. The personal liability of each share or stockholder is limited to the amount of his stock. His liability ceases at the date of the transfer of his stock. It is not necessary to advertise sale of stock in order to be relieved of liability.

MINING.

I. CONSTITUTIONAL PROVISIONS:

The constitution provides for such laws as will foster and aid the agricultural, mining and manufacturing interests of the State; and for the health and safety of persons employed in mining. Under these provisions a bureau has been established, which is superintended by the Commissioner of Mines, Manufactures and Agriculture. His duties, so far as mines are concerned, is to keep a record of all individuals, companies and incorporations engaged in mining for coal, manganese, silver, lead, copper and other minerals, and of all persons and companies quarrying marble, granite, etc.; and to elicit from such persons and companies information as to extent of deposit, output, cost of production, etc.; also, to obtain information from persons owning mineral lands, as to locality, character of minerals, facilities for working and transportation, etc. He is required also to methodically arrange all such statistics, so as to furnish useful information to immigrants and persons seeking to invest capital in the State.

II. COMPANIES:

The formation of companies, associations or corporations for the development or operation of mineral or quarry lands is provided for under the corporation laws; such corporations being further amenable to the laws governing mining and quarrying operations.

III. INSPECTION OF MINES:

The Governor of the State is required to appoint an inspector of mines, who must be a practical miner, of not less than seven years' experience, a citizen, and a qualified elector of the State. He must take the usual oath of office. He shall not be interested as owner of any mine; and shall hold his office for two years, at a salary of fifteen hundred dollars per annum.

It is made his duty to visit and personally inspect all coal mines in the State, where twenty or more persons are employed to work under ground, at least once every ninety days, and see that precaution is taken to insure the health and safety of workmen employed in any of such mines.

He is required to make a report to the Governor, on the first day of every November, showing the number of mines, visits made by him, manner of mining, etc., number of men employed, and other information of importance to the State.

Owners, agents and operators of mines are required to furnish all necessary facilities for making examinations and inspections.

If the inspector finds any mine worked contrary to law, or unsafe for the workmen, he shall file a complaint in the Circuit Court, or before the judge thereof in vacation, and the owner, agent or operator shall be, on proper proof, restrained from operating the mine until the law is complied with.

The inspector, wilfully failing or refusing to perform any of his duties, shall be punished by a fine of not less than one hundred dollars, and, on a third conviction, shall be removed from office.

IV. PLANS OF MINES:

Owners and operators of coal mines employing twenty or more men working under ground are required to make, at the discretion of the inspector of mines, accurate maps or plans of the workings of such mines, of the veins or deposits, the general inclination of the strata, and of the boundary lines of the mine. A copy of this map must be filed with the clerk of the County Court, and a copy must also be kept for inspection at the office of the owner, agent or operator of the mine. During January of each year the owner, agent or operator must furnish the inspector and clerk of the County Court a further map or plan of the progress of the workings of the mine continued to the end of the month of December next preceding.

On failure or refusal of the owner, agent or operator to furnish such map or plan the inspector may cause it to be made, at the cost of the owner, agent or operator of the mine.

V. MEASURES OF SAFETY:

Escapement shafts are required to be made, with at least two distinct means of ingress and egress, for all persons employed or permitted to work in a mine. Such escapement shaft must be approved by the mine inspector.

A sufficient amount of ventilation, to be determined by the inspector, shall be provided for every mine; but in no case shall it be less than one hundred cubic feet of air per man per minute, measured at the foot of the downcast; and it shall be circulated in such manner as to keep the mine free from standing gas.

In all mines where fire damp is generated and known to exist, the place must be examined every morning with a safety lamp, by a competent person, before others are allowed to enter.

A bore-hole must be kept twenty feet in advance of the face of each and every working place, and, if necessary, on both sides, when driving towards an abandoned mine or part of a mine suspected of containing inflammable gas.

In all shafts suitable means of signaling between the bottom and the top; also safe means of hoisting and lowering persons in a cage, covered with boiler iron, must be provided. More than eight persons are forbidden to ride in a cage at a time.

No female, of any age, and no person under the age of fourteen years, is allowed to enter or work in any mine. No boy under sixteen years of age, unless he can read and write, is allowed to work in any mine. None but experienced, sober persons, at least eighteen years old, shall be placed in charge of any engine whereby men are lowered into or hoisted out of a mine.

Every landing place on a level, or above the surface of the ground, must be secured by a gate and bonnet, to cover and protect shafts and entrances.

Every steam boiler must be provided with steam gauge, water gauge and safety valve. All underground self-acting or engine plains or gangways on which cars are drawn, or persons allowed to travel, must be provided with proper means of signaling between stopping places and the end of such plains or gangways, and places of refuge at the sides of plains or gangways must be provided, at intervals of not more than thirty feet.

The owner, agent or operator of a mine must keep a sufficient amount of timber on hand to be used as props to prevent caving in, and, when required, shall send down and deliver such props at the place where the cars are delivered.

VI. DEATH OR INJURY:

Loss of life or serious personal injury by reason of explosion or accident of any kind, about a mine, must be immediately reported by the person in charge to the mine inspector. In case of death by accident in or about a mine, the coroner or some justice of the peace must be notified; and the inspector must investigate the cause of the accident and file a report thereof in his office.

VII. MISDEMEANORS:

Any miner, workman or other person, knowingly injuring any water gauge, barometer, air course or brattice, or carrying a lighted lamp or matches into places worked by safety lamps, or disturbing machinery, or doing any wilful act endangering the life or health of persons working in a mine, shall be deemed guilty of a misdemeanor, and on conviction shall be punished by fine or imprisonment, at the discretion of the court.

VIII. WEIGHT OF COAL:

The weighman, before entering on his duties, must take an oath to do justice between employer and employe and to weigh the output honestly and correctly. The miners in any mine may, if they desire, select by vote and employ, at their own expense, a check weighman, who shall also take a like oath as the regular weighman, and who shall have like rights, powers and privileges as the regular weighman, and be subject to the same penalties. Each of such weighmen shall keep an account of all coal weighed at the mine in a well-bound book. Every owner, agent or operator of a mine shall keep a correct account of the output of the coal, showing amount mined in each day, month and year.

IX. LIEN:

Miners have a laborer's lien on the output and machinery for amounts due them.

DIGEST OF THE

Commercial Corporation and Mining Laws

— OF —

BRITISH COLUMBIA, CANADA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by CREASE & CREASE, Barristers-at-Law, 16 Chancery Lane, Victoria, British Columbia.

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COMMERCIAL LAW.

ALIENS:

Can purchase and sell real and personal property; and may and acquire mining property under the Mining Acts as if they were native born British subjects, but aliens can not pre-empt Crown lands under the land laws unless they have signed statutory declaration that they intend to become naturalized British subjects.

II. ASSIGNMENTS:

There are no bankruptcy or insolvency acts in force. Under the Fraudulent Preference of Creditors' Act confessions or warrants to confess judgments given by insolvents to defeat or delay creditors, or to give one preference over the other are void; and assignments, conveyances, transfers, etc., by an insolvent of any goods, bills, bonds, notes, etc., with intent to defeat or delay his creditors, or to give any creditor preference, are void; but assignments for benefit of creditors generally are excepted.

Assignments for the benefit of creditors, i. e., to pay debts rateably and without priority, are valid if executed by the trustee or trustees within seven days after execution by debtor, and are exempt from land registry and bills of sale acts if duly recorded and notice thereof published for one month or upwards. Such assignment takes priority of judgments not executed by payment, except judgments registered against land under Land Registry Act. The debtor can exempt such goods as are by law exempt from seizure or sale under execution. The trustee must call a meeting within ten days of the assignment by mailing a circular to the creditors. Creditors can vote personally or by proxy.

Every creditor claiming to rank on the estate assigned must furnish the trustee with particulars of his claim, proved by affidavit, or declaration, and such vouchers as the nature of the case admits of, and stating what security, if any, is held for the claim. Wages of employees earned within the three months preceding assignment take priority to claims of ordinary or general creditors of debtor. (See XVIII, Mortgages.)

III. ATTACHMENTS:

Attachments lie where a debtor owing one hundred dollars or upwards is about to leave the Province to defeat his creditors, and are obtainable upon affidavits proving the facts to the satisfaction of a judge. Debts due to the debtor may be attached by garnishee process in the County Court before as well as after judgment; in the Supreme Court, after judgment.

IV. COURTS:

The Supreme Court of British Columbia, having its principal registry at Victoria, B. C., has jurisdiction in all cases, civil and criminal, arising within British Columbia, except as otherwise provided by statute. The court exercises jurisdiction in lunacy, probate and divorce matters. The chief justice, as local judge of the Exchequer Court of Canada, in the British Columbia Admiralty District, exercises admiralty jurisdiction, with principal registry at Victoria, B. C. Appeal lies from final judgments of the Supreme Court of British Columbia to the Supreme Court of Canada, and thence to the Privy Council, England.

County Courts have jurisdiction in all personal actions except in cases of malicious prosecution, libel or slander, seduction, breach of promise of marriage; or against a justice of the peace, where debt does not exceed one thousand dollars after admitted setoffs deducted from the demand; and in replevin, capias ad respondendum, etc., where the value of goods or debt does not exceed one thousand dollars; in questions of title of land where value of land does not exceed one thousand dollars, or rent payable in respect thereof three hundred dollars by the year; in administration of estates and trust funds, foreclosure and redemption, specific performance, etc.; dissolution of partnership, etc., where the amount involved does not exceed two thousand five hundred dollars; and of probate and questions affecting testacy or intestacy, and administration where personal estate of the deceased in the County Court district does not exceed two thousand five hundred dollars. County Court judges have also a limited jurisdiction in Supreme Court actions in certain cases and have jurisdiction in criminal matters for speedy trial of offences. As to the extensive mining jurisdiction of County Courts, see the Mining Acts.

V. FEES:

Acknowledgment before a notary public; 50 cents to.	$ 1.00
Acknowledgment before a justice of the peace	.50
Acknowledgment before clerk of court, 50 cents; and for seal	.50
Attachment of debts: approximately	4.00
Law costs, $15 to	20.00
Attachment of person	10.00
Sustenance of debtor, per day	.50
Law costs, $30 to	50.00
Appeal: entry of	.30
Appeal books: per folio	.10
Fees to counsel: Senior, first day, $50; second day.	25.00
Junior counsel, first day, $25; second day	10.00
Commencement of suit in County Court	5.00
Security of costs by foreign plaintiff if demanded by defendant, $50 to	100.00
Incorporation: of foreign company: Registering charter of incorporation	50.00

Registering company's office and address of agent or manager	10.00
Publication of notice of incorporation, over 250 and under 300 words	10.00
Every additional 50 words	.75
Incorporation of local companies:	
Filing certificate of incorporation	20.00
Public notice same as above.	
Probate: stamp fees	2.00
Duty payable on value of personal estate within jurisdiction of court; except on that descending to wife and children.	
Protest: bill of exchange, etc	2.50
Ship's protest, noting	5.00
Extending, 25 cents per folio of 85 words, and	25.00
Redemption: according to schedule of rules of court same as ordinary action.	
Sheriff: poundage on executions and attachments, $1,000 or under, 6 per cent; $1,000 to $4,000, 3 per cent; over $4,000, 1½ per cent.	
Bailiff of property: per day	2.50
Mileage per mile	.25
Service of writ on one defendant	2.50
Execution against goods in addition to poundage	6.00
Transcription: per folio of 100 words	.10
If certified by registrar of court: per folio, extra	.10
Witnesses: Indians and Chinese, per day	1.00
Ordinary witness, per day	2.00
Professional men, per day	4.00
Mileage	.30
Miners' license: obtainable from any government agent or mining recorder, per annum	5.00

VI. DEEDS:

Deeds should be under seal. One witness is sufficient. The civil law of England as existing on November 19th, 1858, so far as not inapplicable to the Province, applies. A land registry system for registration of titles, exists; under which the registrar, upon being satisfied, after examination of the title deeds that a prima facie title has been established, may register the applicant as the prima facie owner of the land. Mortgages and charges are also registered on application. Priority of registration creates priority of title. Registration of a mortgage or charge gives notice thereof to every person dealing with the real estate affected. Purchasers are not affected by any notice not on the register. Acknowledgment or proof of execution of all instruments authorized to be registered within the Province of British Columbia may be made before a registrar or deputy registrar of a land office, any stipendiary magistrate of the Province, or of any town or district thereof; any justice of the peace for any district in the Province; any judge or registrar of a court having a seal; or before any notary public. And if acknowledged or proved without the Province and within the British Dominions, may be made before any judge of a court, or clerk or registrar of any court having a seal; any notary public, any magistrate of any town or district within the said Dominions having a seal of office, or before any person commissioned on that behalf by the Lieutenant Governor. And if acknowledged or proved without the British Dominions, may be made before any British ambassador, charge d'affaires or minister, consul or consular agent, and judge of any court of record having a seal; or before any notary public practising in such country duly certified to be a notary public by some British ambassador, charge d'affaires, minister, consul or consular agent.

VII. DEPOSITIONS:

Oaths, affidavits, declarations or affirmations made out of the Province may be made before a notary public, certified under his hand and official seal, or before the mayor or chief magistrate of any city or town, certified under the common seal of such city or town; or before a judge of a court of record or any consul, vice consul, or consular agent of her majesty exercising his functions in any foreign place. The seal and signature to such documents need not be proved and are admitted in evidence without proof of such signature or seal being genuine or of the official character of the person before whom the oath, etc., is made.

VIII. DESCENT:

Course of descent of real estate of intestate is as follows: 1. To his lineal descendants and those claiming under him per stirpes. 2. To father. 3. To mother. 4. To collateral relatives subject to the rules of the Inheritance Act. Descendants in equal degree of consanguinity share equally. Children of heirs take their parents' share.

IX. EMINENT DOMAIN:

The Crown may appropriate lands for works of public utility. Reservations are contained in patents of lands under the Land Act, of the right to resume a portion not exceeding one-twentieth of the land conveyed as necessary for roads, canals, bridges, etc.; and the right to enter for mining, etc.; water rights, etc.; on paying compensation therefor.

X. EXECUTIONS:

Against goods may issue immediately after judgment. Execution may be had against lands if the judgment is registered and the execution against goods is unsatisfied. Execution against lands can issue seven days after judgment. The sheriff cannot sell until after one month after the writ is delivered to him; and he must advertise the sale of said land at least seven days. Mining claims not held under a Crown grant may be seized in execution against goods. (See Mining.)

XI. EXEMPTIONS:

A debtor can exempt goods to the value of five hundred dollars, except goods for the price of which the execution is issued.

XII. HOMESTEAD:

Any owner of land who shall declare his assets to be not less than two thousand five hundred dollars, may obtain registration of his land as a homestead, in which case he becomes free from forced sale or seizure, for liabilities incurred after the registration.

XIII. INTEREST:

The legal rate of interest is six per cent per annum unless a greater rate has been fixed by agreement of the parties. There are no usury laws. Banks may stipulate for or exact any rate of interest or discount not exceeding seven per cent per annum and may receive the same in advance, but no higher rate is recoverable.

XIV. JUDGMENTS:

Stand good for twenty years; and can be registered under the Land Registry Act as a charge against the real estate in the Province of the debtor. Such registration expires in three years unless renewed. Judgments do not affect the title to goods unless taken in execution, or unless purchaser, etc., has notice that writ of execution is lying unexecuted in the hands of the sheriff.

XV. LIENS:

There are no statutory liens for materials supplied unless there is an agreement to the contrary. Contractors, subcontractors, mechanics, laborers, etc., can file liens on buildings, works, etc., within thirty-one days after completion by filing affidavit with the particulars in the government agent's office or registry; and suit must be brought within thirty days from the filing of affidavit to realize lien, otherwise it expires.

XVI. LIMITATIONS:

Actions brought on contracts, book accounts, notes and other instruments not under seal must be brought within six years from the time cause of action accrued, of payment on account, or of acknowledgment of such indebtedness in writing. Actions on contracts, covenants, bonds, and instruments under seal, within twenty years. In the case of actions by persons under legal disability, time runs from cessation of said disability.

XVII. MARRIED WOMEN:

A married woman can hold real and personal property, and can enter into contracts and render herself liable to the extent of her present and after acquired separate property, either in contract or tort, as if she were a single woman. She may hold stock, make deposits in banks and draw checks in her own name without the concurrence of her husband; and her husband can transfer property to her without the intervention of a trustee, if not in fraud of creditors. Marriage settlements are not interfered with by the Married Women's Property Act.

XVIII. MORTGAGES (Chattel):

Excepting assignments for the benefit of creditors, marriage settlements, transfer of ships or of goods in ordinary course of trade, bills of sale of goods in foreign parts or at sea, bills of lading, warehousekeepers' receipts, warrants or orders for delivery of goods or other documents used as a proof of the possession or control of goods in ordinary course of business, all chattel mortgages, bills of sale, transfers, declarations of trust, of any goods and chattels which are in the apparent possession of the assignor must be registered within twenty-one days of the giving of such bill of sale, etc.; otherwise such are void as against creditors and subsequent purchasers and mortgagees in good faith for a valuable consideration. Such registration ceases to have effect unless renewed within five years. (See "VI. Deeds" for Real Estate Mortgages.)

XIX. NOTES AND BILLS:

Are governed by the Dominion Bills of Exchange Act and amending acts. A demand draft is without days of grace; but a sight draft has three days of grace. Protest and notice of dishonor is necessary to hold the endorser, unless expressly waived, but not the maker. Bills or notes falling due on a legal holiday (Sunday, Christmas, New Year's Day, Good Friday, Queen's Birthday, or any day made a holiday by royal proclamation) are payable on the following day.

XX. SUITS:

Are commenced by writ of summons in the Supreme Court. (See "IV. Courts.")

XXI. WAGES:

Clerks, servants, laborers or workmen to whom an execution debtor is indebted for wages may apply to the judge of the court out of which the process issues, and obtain an order that such wages up to three months' arrears may be paid in priority to all claims of the execution creditor, except the costs of judgment and execution. Three months' wages, if in arrears, may be paid by the trustee of assignment for the benefit of creditors, in priority to ordinary claims.

XXII. WILLS:

Every person over twenty-one years of age may make a will, if of sound mind. It must be in writing and signed at the foot or end thereof in the presence of two witnesses, who must also sign their names, all present at the same time. If testator cannot write, he may make his mark, or some one else may sign for him at his request and under his direction. Witnesses should not be persons taking benefit under the will. Gifts to witnesses become inoperative. Alterations shall be initialled by the testator and witnesses. Marriage revokes the will except the will is made in exercise of a power of appointment. Wills made under mistake, or obtained by fraud or undue influence, are inoperative.

CORPORATIONS.

I. ORGANIZATION:

Any three or more persons, who may desire to form a company, may make, sign and acknowledge, before some person competent to acknowledge deeds, a memorandum of association in duplicate, in which shall be stated: the corporate name with the addition of the words "limited liability;" the object; the amount of capital stock; the number of shares; the time of its existence (not to exceed fifty years); number of shares of which the stock shall consist; number of trustees and their names, who shall manage affairs of the company for the first three months; and the name of the city, town or electoral district where the company's head office is located.

The registrar of joint stock companies shall file such memorandum and inclose duplicate thereof to the Provincial Secretary, who shall cause the same to be published in the next issue of the British Columbia Gazette for at least one month thereafter. The registrar then shall issue a certificate of incorporation; thereupon, the said persons and their successors shall be a body politic and incorporate, and shall by their corporate name have succession for the period limited, and shall have power as under:

II. POWERS:

Every company so organized shall have power: 1. To issue shares. 2. To sue and be sued. 3. To make and use a common seal. 4. To purchase, hold, sell and convey such real and personal estate as the purposes of the corporation shall require. 5. To appoint officers, agents and servants and define the duties, powers and fix the compensations thereof. 6. Require security from said officers, remove them at will, except that no trustee shall be removed except by a vote of two-thirds of the whole number of trustees. 7. To make by-laws for the company and regulate its affairs within the purposes of the company.

A certificate of incorporation shall be conclusive evidence that the company is duly registered under the act. All companies so registered shall have the additional power to borrow money for the purpose of carrying out their objects; and to mortgage their property, to sign bills, notes and contracts for money borrowed or to be borrowed for the aforesaid purposes; which powers shall not be exercised, except with the consent of the shareholders representing two-thirds of the capital stock.

III. TRUSTEES:

The corporate powers of the corporation shall be exercised by a board of not less than three trustees, who shall be stockholders and residents of this Province, who shall be annually elected by the stockholders; but a majority of the trustees shall be residents. A failure to elect the trustees at the designated time shall not dissolve the company; but in such case the then trustees shall continue in office until the new trustees are elected under the by-laws. A majority of the whole board may transact business. The trustees of the company may also be termed directors, who shall have all the powers by law conferred upon the trustees.

IV. CAPITAL STOCK:

The stock of a company shall be deemed personal estate, transferable on the books of the company; but no transfer shall be made where there are charges or assessments unpaid. Stockholders' votes may be given either personally or by proxy, but the instrument appointing a proxy shall be delivered to the secretary twenty-four hours before the hour named for calling the meeting.

A company incorporated under this act may increase or diminish its capital stock to any amount deemed proper for the corporation. Whenever it is desired to increase or diminish the amount of capital stock a meeting of the stockholders may be called by a notice signed by at least a majority of the trustees, and published at least once a week for four weeks in some newspaper of the electoral district where the principal place of business is located. A certificate of the proceedings shall be made out, signed and verified by the affidavit of the chairman and secretary of the meeting, and certified by a majority of the trustees, and filed in the same manner as the memorandum of association.

The promoters of a company may state in the memorandum of association that a portion of the stock of the proposed company shall be preference stock, and may make a by-law authorizing the division of the existing capital into ordinary and preferential.

V. ASSESSMENTS:

Trustees may levy and collect assessments upon the capital stock for the purpose of paying the legal expenses and obligations of the company to the extent hereinafter provided, and not otherwise. The total amount of assessments shall not exceed, in the aggregate, the value at which the shares were issued. No one assessment shall exceed ten per cent of the amount of the capital stock actually subscribed, unless where all the powers vested in the company for the purpose of collecting shall have been exhausted, or where the collection of the previous assessment has been restrained by injunction or otherwise. No assessment shall be levied except by order of the trustees, concurred in by a majority thereof. The trustees may summarily forfeit shares whereon payment of calls and assessments is not made.

The trustees shall not declare or pay any dividends when the company is insolvent. No loan shall be made by the company to any shareholder, and if such is made the trustees and officers assenting thereto shall be jointly and severally liable to the company and to third parties to the extent of said loan.

VI. LIABILITIES:

The trustees of the company shall be jointly and severally liable to laborers, servants and apprentices thereof for debts not exceeding three months' wages due.

No shareholder shall be individually liable for the liabilities of the company, but shall be liable to the calls and assessments to be legally levied upon the shares held by him; and for the debts of the company to the extent of such amount, if any, as may be remaining unpaid upon the shares of capital stock held by him.

VII. BOOKS AND RECORDS:

It shall be the duty of the trustees to keep a registry-book containing the names of all persons who are stockholders, showing the number of shares of stock held by them respectively; which book shall be open for the inspection of stockholders and creditors of the company at their office.

VIII. DISSOLUTION:

Any corporation may dissolve itself by presenting to the judge of the County Court of the district, a certificate of its proper officers, setting forth that it was decided by a vote of two-thirds of all the stockholders to dissolve. Public notice shall then be given by the judge, which notice shall set forth the nature of the application, shall specify the time and place it is to be heard, and shall be published in some newspaper once a week for four weeks; and if satisfied that the corporation has taken the necessary preliminary steps, he shall make an order declaring it dissolved.

IX. FOREIGN CORPORATIONS:

Any foreign company incorporated for the purpose of carrying on any business that has for its object the acquisition of gain, and permitted to operate in the Province of British Columbia, may register itself and the members thereof, by depositing for registration a copy of its act, certificate and charter of incorporation; a certified copy of its articles of association; and also the written petition of the president and secretary thereof, acknowledged before a notary public of such foreign state, praying for registration. The registrar of joint-stock companies shall issue a certificate of registration, showing the corporate name of such company, the place of the head office, its objects, the amount of its capital stock, the number of shares, and the amount of each share; and such certificate shall be published for one month in the British Columbia Gazette, and in one paper in the locality where the company proposes doing business. Such a company may then sue and be sued in the corporate name and exercise the general powers of a domestic corporation.

MINING.

[THE MINERAL ACT, 1891, Abridged. As Amended in 1892, 1893, 1894 and 1895.]

I. SHORT TITLE:

1. This act may be cited as the "Mineral Act, 1891."

II. INTERPRETATIONS:

2. In the construction of this Act the following expressions shall have the following meanings respectively, unless inconsistent with the context:

"Mine" shall mean any land in which any vein or lode, or rock in place, shall be mined for gold or other minerals, precious or base, except coal:

"Mineral" shall mean all valuable deposits of gold, silver, platinum, iridium, or any of the platinum group of metals, mercury, lead, copper, iron, tin, zinc, nickel, aluminum, antimony, arsenic, barium, bismuth, boron, bromine, cadmium, chromium, cobalt, iodine, magnesium, manganese, molybdenum, phosphorus, plumbago, potassium, sodium, strontium, sulphur, or any combination of the aforementioned elements with themselves or with any other elements, asbestos, emery, mica, and mineral pigments: Limestone, marble, clay, or any building stone when mined for building purposes shall not be considered as mineral within the meaning of this Act:

"Rock in place" shall mean all rock in place bearing valuable deposits of mineral within the meaning of this Act:

"Vein," or "lode." Whenever either of these terms is used in this Act, "rock in place" shall be deemed to be included:

"Mineral claim" shall mean the personal right of property or interest in any mine:

"Mining property" shall include every mineral claim, ditch, mill-site, or water right used for mining purposes, and all other things belonging to a mine or used in the working thereof:

"Legal post" shall mean a stake standing not less than four feet above the ground, and squared or faced on four sides for at least one foot from the top, and each side so squared or faced shall measure at least four inches on its face so far as squared or faced, and any stump or tree cut off and squared or faced to the above height and size:

"Mill-site" shall mean a plot of ground located, as defined by this Act, for the purpose of erecting thereon any machinery or other works for transporting, crushing, reducing, or sampling ores, or for the transmission of power for working mines:

"Streams" shall include all natural water-courses, whether usually containing water or not, and all rivers, creeks, and gulches:

"Ditch" shall include a flume, pipe or race, or other artificial means for conducting water by its own weight, to be used for mining purposes:

"Ditch-head" shall mean the point in a natural water-course or lake, or other source where water is first taken into a ditch:

"Free miner" shall mean a person or joint stock company, or foreign company, named in and lawfully possessed of a valid existing free miner's certificate, and no other:

"Record," "register," and "registration," shall have the same meaning, and shall mean an entry in some official book kept for that purpose:

"Full interest" shall mean any mineral claim of the full size, or one of several shares into which a mineral claim shall be equally divided:

"Cause" shall include any suit or action:

"Judgment" shall include "order" or "decree:"

"Real estate" shall mean any mineral land in fee simple under this or any Act relating to gold mines, or to minerals other than coal:

"Joint stock company" shall mean any company duly incorporated for mining purposes under the "Companies' Act," "Companies' Act, 1890," and any company duly incorporated in British Columbia for mining purposes under the "Companies' Act, 1862" (Imperial), and shall include all companies, whether foreign or local, registered or incorporated under the "Companies' Act."

III. FREE MINERS AND THEIR PRIVILEGES:

3. Every person over, but not under, eighteen years of age, and every joint stock company, shall be entitled to all the rights and privileges of a free miner, and shall be considered a free miner, upon taking out a free miner's certificate. A minor who shall become a free miner shall, as regards his mining property and liabilities contracted in connection therewith, be treated as of full age. A free miner's certificate issued to a joint stock company shall be issued in its corporate name. A free miner's certificate shall not be transferable.

4. A free miner's certificate may be granted for one or more years, to run from the date thereof, or from the expiration of the applicant's then existing certificate, upon the payment therefor of the fees set out in the schedule of fees to this Act. Only one person or one joint stock company shall be named therein.

5. [Abridged from original version.] A free miner's certificate shall certify, over the signature of the gold commissioner or mining recorder of the district where taken out, that the holder thereof has paid to such officer the annual license demanded of all free miners, and for one year from the date thereof is entitled to all legal rights and privileges as such.

6. If any person or joint stock company shall apply for a free miner's certificate at the mining recorder's office during his absence, and shall leave the fee required by this Act with the officer or other person in charge of the said office, he or it shall be entitled to have such certificate from the date of such application; and any free miner shall at any time be entitled to obtain a free miner's certificate, commencing to run at the expiration of his then existing free miner's certificate, provided that when he applies for such certificate he shall produce to the mining recorder, or in case of his absence shall leave with the officer or other person in charge of the mining recorder's office, such existing certificate.

7. If any free miner's certificate be accidentally destroyed or lost, the owner thereof may, on payment of the fees set out in the schedule to this Act, have a true copy of it, signed by the mining recorder, or other person by whom or out of whose office the original was issued. Every such copy shall be marked "substituted certificate," and unless some material irregularity be shown in respect thereof, every original or substituted free miner's certificate shall be evidence of all matters therein contained.

8. Every person and joint stock company engaged in mining for minerals (other than coal) shall take out a free miner's certificate, and every person or joint stock company who mines or works as a miner in any mineral claim, mine held as real estate, or tunnel, or on any flume, drain, or ditch, without having taken out and obtained such certificate, shall, on conviction thereof in a summary way, forfeit and pay a penalty not exceeding twenty-five dollars, besides costs: Provided, always, that nothing herein contained shall prejudice the right to collect wages or payment for work done by any person who, through not being a free miner, has rendered himself liable to the above penalty.

9. No person or joint stock company shall be recognized as having any right or interest in or to any mineral claim, or any minerals therein, or in or to any water right, mining ditch, drain, tunnel, or flume, unless he or it shall have a free miner's certificate unexpired. And on the expiration of a free miner's certificate the owner thereof shall absolutely forfeit all his rights and interests in or to any mineral claim, and all and any minerals therein, and in or to any and every water right, mining ditch, drain, tunnel, or flume, which may be held or claimed by such owner of such expired free miner's certificate, unless such owner shall, on or before the day following the expiration of such certificate, obtain a new free miner's certificate. Provided, nevertheless, should any co-owner fail to keep up his free miner's certificate, such failure shall not cause a forfeiture or act as an abandonment of the claim, but the interest of the co-owner who shall fail to keep up his free miner's certificate shall, ipso facto, be and become vested in his co-owners pro rata, according to their former interests: Provided, nevertheless, that a shareholder in a joint stock company need not be a free miner, and, though not a free miner, shall be entitled to buy, sell, hold, or dispose of any shares therein: And provided, also, that this section shall not apply to mineral claims for which a Crown grant has been issued.

9A. Every owner of a mine or mineral claim, and every contractor for the performance of any work upon a mine or mineral claim, shall pay the annual fee for a free miner's license for any person in their employment and liable for the fee, and may deduct the amount so paid on account of such person from the amount of salary or wages due or to become due to him from such employer upon production and delivery of the receipt for such tax to such person. Every such owner or contractor shall furnish to the mining recorder or collector, when requested by him so to do, from time to time, a list of all persons in his employ, or indirectly employed by him, liable to pay the said license fee; but no such statement shall bind the recorder or collector, or excuse him from making due enquiry to ascertain its correctness.

9B. If any person fails to pay the said license fee for his employees, or to deliver to the recorder or collector the list mentioned in the preceding section when required to do so, or knowingly states anything falsely in such list, such person shall be liable to a penalty not exceeding one hundred dollars, to be recovered, together with the amount of the unpaid license fees, upon summary conviction before one justice of the peace.

10. Every free miner shall, during the continuance of his certificate, but not longer, have the right to enter, locate, prospect, and mine upon any waste lands of the Crown for all minerals other than coal, and upon all lands the right whereon to so enter upon, prospect, and mine all minerals other than coal shall have been, or hereafter shall be, reserved to the Crown and its licensees,

and also to enter, locate, prospect, and mine for gold and silver upon any lands the right whereon to so enter and mine such gold and silver shall have been, or shall be, reserved to the Crown and its licensees. Excepting out of all the above description of lands any land occupied by any building, and any land falling within the curtilage of any dwelling house, and any orchard, and any land for the time being actually under cultivation, and any land lawfully occupied for mining purposes other than placer mining, and also Indian reservations. Provided that where any hydraulic mining works, established in accordance with the "Placer Mining Act, 1891," have been in operation, the land which may have been uncovered by the operation of such works shall not be located or mined upon by any free miner other than the person or persons carrying on such hydraulic works for a space of six months next after the same shall have been so uncovered: Provided, that in the event of such entry being made upon lands already lawfully occupied for other than mining purposes, such free miner, previously to such entry, shall give adequate security to the satisfaction of the gold commissioner for any loss or damages which may be caused by such entry; and provided that, after such entry, he shall make full compensation to the occupant or owner of such lands for any loss or damages which may be caused by reason of such entry; such compensation, in case of dispute, to be determined by the court having jurisdiction in mining disputes, with or without a jury.

11. Any free miner may enter upon any Crown lands, or lands covered by timber leases, or any lands the timber whereon has been reserved by the Crown, to cut such timber as may be required for the purposes of the claim or claims worked by him alone, or by him in partnership with another or others.

12. Any free miner shall be at liberty, at any period of the year, while actually prospecting or engaged in mining, to kill game for his own use.

13. A free miner shall have all the rights and privileges granted to free miners by the "Placer Mining Act."

IV. LOCATION AND RECORD:

14. Any free miner desiring to locate a mineral claim, shall, subject to the provisions of this Act with respect to land which may be used for mining, enter upon the same and locate a plot of ground measuring, where possible but not exceeding, fifteen hundred feet in length by fifteen hundred feet in breadth, in as nearly as possible a rectangular form, that is to say: All angles shall be right angles, except in cases where a boundary line of a previously surveyed claim is adopted as common to both claims, but the lines need not necessarily be meridional. In defining the size of a mineral claim, it shall be measured horizontally, irrespective of inequalities of the surface of the ground.

15. A mineral claim shall be marked by two legal posts, placed as near as possible on the line of the ledge or lode, and the posts shall be numbered 1 and 2, and the distance between posts 1 and 2 shall not exceed fifteen hundred feet, the line between posts Nos. 1 and 2 to be known as the location line, and upon posts Nos. 1 and 2 shall be written the name given to the mineral claim, the name of the locator, and the date of the location. Upon No. 1 post there shall be written, in addition to the foregoing, "Initial Post," the approximate compass bearing of No. 2 post, and a statement of the number of feet lying to right and to the left of the line from No. 1 to No. 2 post, thus:—"Initial post. Direction of post No. 2. feet of this claim lie on the right, and feet on the left of the line from No. 1 to No. 2 post." All the particulars required to be put on No. 1 post shall be furnished by the locator to the mining recorder at the time the claim is recorded, and shall form a part of the record of such claim. When a claim has been located, the holder shall immediately mark the line between posts Nos. 1 and 2 so that it can be distinctly seen; in a timbered locality, by blazing trees and cutting underbrush, and in a locality where there is neither timber nor underbrush, he shall set legal posts so that such line can be distinctly seen. The locator shall also place a legal post at the point where he has discovered rock in place, on which shall be written "Discovery Post:" Provided that when the claim is surveyed, the surveyor shall be guided entirely by posts 1 and 2 and the notice of No. 1 the initial post, and the records of the claim. It shall not be lawful to move No. 1 post, neither shall it be lawful to move No. 2 post, except for the correction of distance by the Provincial government surveyor. Nos. 1 and 2 posts shall govern the direction of one side of the claim.

(a) The holder of a mineral claim shall be entitled to all minerals which may lie within his claim, but he shall not be entitled to mine outside the boundary lines of his claim continued vertically downwards:

(b) This Act shall not prejudice the rights of claim-owners nor claim-holders whose claims have been located under former Acts:

(c) No mineral claim shall be recorded without the application being accompanied by an affidavit or solemn declaration made by the applicant, or some person on his behalf cognizant of the facts, that mineral has been found in place on the claim proposed to be recorded.

16. Any location made upon Sunday or any public holiday shall not for that reason be invalid, any law or statute to the contrary notwithstanding.

17. In cases where, from the nature or shape of the ground, it is impossible to mark the location line of the claim, as provided by this Act, then the claim may be marked by placing posts as nearly as possible to the location line, and noting the distance and direction such posts may be from such location line, which distance and direction shall be set out in the record of the claim.

18. [Repealed 1892, Chap. 32, Sec. 2.]

19. Every free miner locating a mineral claim shall record the same with the mining recorder of the district within which the same is situate, within fifteen days after the location thereof, if located within ten miles of the office of the said mining recorder. One additional day shall be allowed for such record for every additional ten miles, or fraction thereof. Such record shall be made in a book to be kept for the purpose in the office of the said mining recorder, in which shall be inserted the name of the claim, the name of each locator, the number of each locator's free miner's certificate, the locality of the mine, the direction of the location line, the length in feet, the date of location, and the date of the record. Such record shall be, as near as may be possible, in the Form B in the schedule to this Act, and a certified copy thereof shall be given by the mining recorder to the free miner or his agent. A claim which shall not have been recorded within the prescribed period shall be deemed to have been abandoned.

20. A free miner shall not be entitled to a record of a mineral claim until he shall have furnished the said mining recorder with all the above particulars.

21. Upon the establishment of a mining division and the opening of a mining recorder's office therein, under the authority of this Act, such office and none other shall be the proper office for recording all mineral claims within such mining division, and making all records in respect thereof.

22. If through ignorance any free miner shall record a mineral claim in a different district or mining division to that in which such claim is situate, such error shall not affect his title to such claim, but he shall, within fifteen days from the discovery of his error, record such claim in the district or mining division in which it is situate, and such new record shall bear the date of the first record, and a note shall be made thereon of the error and of the date of the rectification of the same.

23. If a free miner applies at the mining recorder's office during his absence to record a mineral claim, or any document or other matter required by this Act to be recorded, and leaves the fee required by this Act, and the particulars and information required to enable the mining recorder to make such record with the officer or other person in charge of said office, he shall be entitled to have such record dated on the date of such application.

V. ASSESSMENT WORK:

24. Any free miner having duly located and recorded a mineral claim shall be entitled to hold the same for the period of one year from the recording of the same, and thence from year to year without the necessity of re-recording: Provided, however, that during each year and each succeeding year, such free miner shall do, or cause to be done, work on the claim itself to the value of one hundred dollars, and shall satisfy the gold commissioner or mining recorder that such work has been done, by an affidavit of the free miner or his agent, setting out a detailed statement of such work, and shall obtain from such gold commissioner or mining recorder, and shall record a certificate of such work having been done: Provided, also, that all work done outside of a mineral claim with intent to work the same shall, if such work have direct relation and be in direct proximity to the claim, be deemed, if to the satisfaction of the gold commissioner or mining recorder, for the purposes of this section, to be work done on the claim: Provided, further, that any free miner, being the holder of adjoining mineral claims, or any two or more free miners who locate and record adjoining mineral claims, to be worked by them in partnership under the provisions of any Act for the time being in force, shall, subject to filing a notice of their intention with the gold commissioner or mining recorder, be allowed to perform on any one or more of such claims all the work required to entitle him or them to a certificate for work for each claim so held by him or them. If such work shall not be done, or if such certificate shall not be so obtained and recorded, in each and every year, the claim shall be deemed vacant and abandoned, any rule of law or equity to the contrary notwithstanding.

24. The holder of a mineral claim may, in lieu of the work required by section 24 of the "Mineral Act, 1891," as amended, to be done on a claim in each year, pay to the mining recorder in whose office the claim is recorded the sum of one hundred dollars and receive from such recorder and record a receipt for such payment. Such payment and the record thereof in any year shall relieve the person making it from the necessity of doing any work during the year in and for which and upon the claim in respect of which such payment is recorded.

VI. SURFACE RIGHTS:

24B. The owner of a mineral claim shall be entitled to all surface rights, including the use of all the timber thereon for mining or building purposes, so long as he holds the said claim for the purpose of developing the minerals contained therein, but no longer.

VII. DISPUTED TITLES:

25. In case of any dispute as to the title to a mineral claim priority of record will determine the right, subject to any question as to the validity of the record, and subject also to a compliance by the free miner with the provisions of this Act.

VIII. LIMIT OF CLAIM RIGHT:

26. No free miner shall be entitled to hold in his own name, or in the name of any other person, more than one mineral claim on the same vein or lode, except by purchase, but such free miner may hold by location a claim upon any separate vein or lode.

IX. ABANDONMENT:

27. A free miner may at any time abandon any mineral claim by giving notice in writing of such intention to abandon to the mining recorder, and from the date of such notice all interest of such free miner in such claim shall cease.

28. When a free miner abandons a mineral claim he shall have the right to take from the same any machinery and any personal property which he may have placed on the claim, and any ore which he may have extracted therefrom within such time as shall be fixed by the gold commissioner or mining recorder.

29. No free miner shall be entitled to re-locate any mineral claim, or any portion thereof which he shall have failed to record within the prescribed period, or which he shall have abandoned or forfeited, unless he shall have obtained the written permission of the gold commissioner to make such relocation; and he shall hold no interest in any portion of such mineral claim, by location, without such permission.

30, 31, 32. [Repealed, 1892, Chap. 32, Sec. 2.]

X. TUNNEL RIGHTS:

33. Where a tunnel is run for the development of a vein or lode the owner of such tunnel shall, in addition to any mineral claim legally held by him, have the right to all veins or lodes discovered in such tunnel: Provided, that the ground containing such veins or lodes be marked out by him as a mineral claim, and be duly recorded within fifteen days after such discovery; and provided further, that such veins or lodes are not included in any existing mineral claim. Any money or labor expended in constructing a tunnel to develop a vein or lode shall be deemed to have been expended on such vein or lode.

XI. INTEREST IN CLAIM:

34. The interest of a free miner in his mineral claim shall, save as to claims held as real estate, be deemed to be a chattel interest, equivalent to a lease, for one year, and thence from year to year, subject to the performance and observance of all the terms and conditions of this Act.

XII. PURCHASE OF CLAIMS:

35. Any lawful holder of a mineral claim shall be entitled to a Crown grant thereof on payment to the Government of British Columbia of the sum of five hundred dollars in lieu of expenditure on the claim. The intending purchaser shall comply with all the provisions of section 36 of this Act, except such as have respect solely to the work required to be done on claims.

XIII. CERTIFICATE OF IMPROVEMENTS:

36. Whenever the lawful holder of a mineral claim shall have complied with the following requirements, to the satisfaction of the gold commissioner; he shall be entitled to receive from the gold commissioner a certificate of improvements in respect of such claim, unless an adverse claim shall have been filed in the office of the mining recorder:—

(a) Done or cause to be done work on the claim itself in developing a mine to the value of five hundred dollars, exclusive of all houses, buildings and other like improvements. For the purpose of this section, work done on the claim by a predecessor or predecessors in title shall be deemed to have been done by the applicant who receives a transfer of such claim; but in no case shall the cost of surveying be considered as improvements or work done on the claim.

(b) Found a vein or lode within the limits of such claim.

(c) Had the claim surveyed by an authorized provincial land surveyor, who shall have made three plats of the claim, and who shall have accurately defined and marked the boundaries of such claim upon the ground, and indicated the corners by placing monuments or legal posts at the angles thereof, and upon such monuments or posts shall be inscribed by him the name and the official designation of the claim, and the corner represented thereby, and who shall have, on completion of survey, forwarded at once the original field-notes and plan direct to the Lands and Works Department.

(d) Shall have posted on some conspicuous part of the land embraced in the survey a copy of the plat of the claim, and a legible notice in writing of his intention to apply for a certificate of improvements, and shall also have posted a similar notice in the mining recorder's office, and such notice shall contain: 1. The name of the claim. 2. The name of the lawful holder thereof. 3. The number of such holder's existing free miner's certificate 4. His intention to apply for certificate of improvements at the end of sixty days, for the purpose of obtaining a Crown grant. 5. The date of the notice.

(e) Shall have filed with the mining recorder a copy of the surveyor's original field-notes and plant.

(f) Inserted a copy of such notice in the British Columbia Gazette and in any newspaper published in the Province, and circulating in the district in which the claim is situate, for at least sixty days prior to such application, which insertion can be made at any time after the posting of the notice on the claim.

(g) Filed with the mining recorder an affidavit of the holder of the claim, or his agent (abridgement), showing that all prescribed requirements as herein set forth have been complied with.

(h) At the expiration of the term of the said publication, provided no adverse claim shall have been filed with the mining recorder, he shall forward to the gold commissioner, under Form J of the schedule to this Act the documents referred to above.

XIV. ADVERSE CLAIMS:

37. No adverse claim shall be filed by the mining recorder after the expiration of the period of publication in the next preceding section mentioned; and in default of such filing no objection to the issue of a certificate of improvements shall be permitted to be heard in any court nor shall the validity of such certificate when issued be impeached on any ground except that of fraud. 2. An adverse claim to be filed shall be on the oath of the person or persons making the same, and shall show with reasonable particularity, having regard to all the circumstances of the case, the nature, boundaries and extent of such adverse claim; and all proceedings, except the publication of notice and making and filing the affidavit thereof, shall be stayed until the controversy shall have been decided by a court of competent jurisdiction or the adverse claim shall have been withdrawn or waived. An adverse claimant shall, within thirty days after filing his claim (unless such time shall be extended by special order of the court upon cause being shown) commence proceedings in a court of competent jurisdiction to determine the question of the right of possession and shall prosecute the same with reasonable diligence to final judgment; and a failure so to commence or so to prosecute proceedings shall be deemed to be a waiver of his adverse claim. After such judgment shall have been rendered, the person or any one of the persons entitled to the possession of the claim, or any part thereof may file a certified copy of the same in the office of the mining recorder. After the filing of such judgment and upon compliance with all the requirements of the next preceding section, such person or persons shall be entitled to the issue to him or to them of a certificate of improvements in respect of the claim, or the portion thereof, of which he or they shall appear, from the decision of the court, to rightly possess. Provided, however, that if an adverse claim has, in the opinion of the presiding judge, been bona fide made, notwithstanding that the same may have been imperfectly made, the same shall nevertheless have legal recognition, and effect shall be given thereto according to the intent thereof.

38. After the issuing and recording of such certificate of improvements, and while such certificate shall be in force it shall not be necessary to do any work on such claim.

XV. CROWN GRANT OF CLAIMS:

39. On the granting and recording of such certificate of improvements in respect to a mineral claim situate outside of the railway belt, the holder thereof shall be entitled to a Crown grant of such claim without the payment of the five hundred dollars required by section thirty-five. And on the granting and recording of such certificate of improvements in respect of a mineral claim situate inside the railway belt, the holder thereof shall be entitled to a Crown grant of such claim on the payment of five dollars per acre to the mining recorder.

40. The holder of a mineral claim for which a certificate of improvements has been granted and recorded shall make application for a Crown grant to the gold commissioner, enclosing his certificate of improvements and the Crown grant fee of five dollars, within three months from the date of such certificate of improvements, and in default of such application having been made within such time such certificate of improvements shall lapse and become absolutely void.

41. If the holder of a mineral claim, after applying for a certificate of improvements, shall sell and transfer such claim to another free miner, upon satisfactory proof of such sale and transfer being made to the gold commis

sioner, the new holder of the claim shall be entitled to a certificate of improvements in his own name. And if a sale and transfer shall be made to any person or company after a certificate of improvements shall have been issued, upon proper proof of such sale and transfer being made to the satisfaction of the chief commissioner of lands and works, the Crown grant shall issue to the new holder of the claim.

41a. When a holder of a mineral claim has taken out his certificate of improvements he shall not record any transfer of his rights in the said claim until he obtains his Crown grant.

42. The issuance of a Crown grant shall not invalidate any lien which may have attached to any mineral claim previous to the issuance of such Crown grant.

43. A Crown grant of a mineral claim located on any waste lands of the Crown shall be deemed to transfer and pass the right to all minerals within the meaning of this Act (excepting coal) found in veins, lodes, or rock in place, and whether such minerals are found separately or in combination with each other, in, upon, or under the land in the said Crown grant mentioned.

44. Crown grants of mineral claims located on lawfully occupied lands the right whereon to enter, prospect, and mine all minerals (other than coal) has been reserved to the Crown and its licensees, shall pass to the grantee all minerals within the meaning of this Act (other than coal) found in veins or lodes, or rock in place, and whether such minerals are found separately or in combination with each other, which may be in, upon, or under the land in the said Crown grant mentioned, and including all the rights given to mineral claim holders of mineral claims so located, but such Crown grant shall expressly reserve the rights of such prior occupant. (Where the mineral claim is located on land lawfully occupied under a timber lease, the Crown grant shall convey the surface and minerals within the meaning of this Act (save coal) found in veins or lodes, or rock in place, but shall reserve the timber.)

45. Crown grants of mineral claims located on lawfully occupied lands, the right whereon to enter and mine gold and silver has been reserved to the Crown and its licensees, shall pass to the grantee all the gold and silver found in veins, or lodes, or rock in place, which may be in, upon, or under the land in the said Crown grant mentioned, and including all the rights given to mineral claim holders of mineral claims so located; but such Crown grant shall expressly reserve the rights of such prior occupant.

46-47. Repealed by 1892, c. 32, s. 2.

XVI. PARTIAL ADVERSE CLAIMS:

48. If an adverse claim shall only affect a portion of the ground for which a certificate of improvements is applied, the boundaries of such portion shall be shown by a plat of the entire adverse claim, and the applicant may relinquish the portion covered by the adverse claim, and shall be entitled to a certificate of improvements for the undisputed remainder of his claim, upon complying with the requirements of this Act.

49. When judgment in such case is rendered by the court, a memorandum of such judgment shall be entered in the "Record Book;" and if by any judgment the original boundaries of any claim shall be changed, a plat made by a provincial land surveyor, and signed by the judge by whom the judgment has been given, shall be filed in the office of the mining recorder.

XVII. TITULAR DOCUMENTS:

50. Every conveyance, bill of sale, mortgage, or other document of title relating to any mineral claim, mine held as real estate, or mining interest, shall be recorded within the time prescribed for recording mineral claims: Provided, always, that the failure to so record any such document shall not invalidate the same as between the parties thereto, but such documents as to third parties shall take effect from the date of record, and not from the date of such document.

XVIII. TRANSFER OF CLAIMS:

51. No transfer of any mineral claim, or of any interest therein, shall be enforceable unless the same shall be in writing, signed by the transferrer or by his agent authorized in writing, and recorded by the mining recorder; and if signed by an agent, the authority of such agent shall be recorded before the record of such transfer.

52. The transfer of any real estate acquired under the provisions of the "Gold Mining Amendment Act, 1873," or under this or any Act relating to minerals other than coal, shall be in writing, signed by the transferrer or his agent authorized in writing, and need not be by deed or under seal.

XIX. RESERVATION:

53. No mineral claim shall be open to location by any other person during the last illness nor, unless with the permission in writing of the gold commissioner, for twelve months after the death of the lawful holder.

XX. FAULTS OF OFFICIALS:

54. No free miner shall suffer from any acts of omission, or commission, or delays on the part of any government official, if such can be proven.

XXI. MILL-SITES:

55. A free miner may locate any unoccupied and unreserved Crown land not known to contain mineral, and not exceeding five acres, as a mill-site. No free miner shall be entitled to obtain and hold under this section more than one mill-site for each mineral claim lawfully held by him. Such mill-site shall be as nearly as possible in the form of a square. On locating a mill-site, the free miner shall comply with the following requirements: (a) Mark out the land by placing a legal post at each corner. (b) Post a notice on each post, stating: i. The name of such free miner; ii. The number of his free miner's certificate; iii. His intention, at the expiration of sixty days from the date of the notice, to apply for the land as a mill-site; iv. The date of the notice. (c) Post a copy of such notice on the office of the mining recorder.

56. On the expiration of sixty days after the fulfillment of the above requirements, the free miner shall deposit, in duplicate, in the office of the mining recorder, a plat of the said land made by an authorized provincial land surveyor, and prove by affidavit that he has complied with the above requirements, and that the said land is not known to contain minerals, and shall furnish such other proof of the non-mineral character of the land as the gold commissioner may require; the free miner shall then be entitled to a lease, for one year, of the said land, which lease shall be executed by the gold commissioner. If, during the continuance of such lease, such free miner shall prove to the satisfaction of the gold commissioner that he has put or constructed works, or machinery for mining or milling purposes, on the said mill-site, of the value of at least five hundred dollars, he shall be entitled to a Crown grant of such mill-site upon payment of five dollars per acre for such land. Any free miner now having a lease of a piece of land for a mill-site, upon proving to the satisfaction of the gold commissioner that he has put or constructed works, or machinery for mining or milling purposes, on the said mill-site of the value of at least five hundred dollars, shall, on payment of five dollars per acre, be entitled to a Crown grant of such mill-site.

57. On applying for a Crown grant of a mill-site, the free miner shall: i. Pay the sum of five dollars per acre to the mining recorder; ii. Deposit with the mining recorder the following documents: (a) Lease of the mill-site; (b) Plat of mill-site; (c) Surveyor's original field-notes; (d) A certificate from the gold commissioner that works or machinery for mining or milling purposes have been put or constructed on the mill-site to the value of at least five hundred dollars; (e) Application for the Crown grant.

58. Crown grants of mill-sites shall pass to the grantee all the surface of the land in the said Crown grant mentioned, but all such Crown grants shall expressly reserve all minerals under the said land, and the right to the Crown and its licensees to enter and mine the said minerals.

XXII. TUNNELS AND DRAINS:

59. Any free miner, being the holder of a mineral claim or mine held as real estate, may, at the discretion of the gold commissioner, obtain a license to run a drain or tunnel, for drainage or any other purpose connected with the development or working of such claim or mine, through any occupied or unoccupied lands, whether mineral or otherwise, upon security being first deposited or given to such gold commissioner to his satisfaction for any damage that may be done thereby, and upon such other terms as he shall think expedient.

XXIII. WATER RIGHTS:

60. A free miner who is the holder of a mineral claim or mine held as real estate, or of any mill-site, may, at the discretion of the gold commissioner, obtain a grant to a water right in any unappropriated water, for any mining or milling purpose, for any term not exceeding twenty years, upon such terms and conditions as such gold commissioner shall think fit.

61. Before applying for any such grant, the free miner shall—

i. Post a notice in writing on a legal post upon some conspicuous part of the ground on which such water is intended to be used and a copy of such notice on the office of the mining recorder for at least sixty days, which notice shall contain the following particulars: (a.) The name of each applicant; (b.) the number of each applicant's free miner's certificate; (c.) the name, or if unnamed, a sufficient description of the stream, lake, or other source from which such water is intended to be taken; (d.) the point of diversion or intended ditch-head; (e.) the number of inches of water applied for; (f.) the purpose for which it is required; (g.) the date of the notice. ii. If more than three hundred inches are applied for, a deposit shall be made with the gold commissioner of twenty-five dollars, to be refunded if the grant is not made.

62. The grant of such water right shall be recorded in the office of the mining recorder within the time limited

for the recording of mineral claims, which time can be extended by the gold commissioner in his discretion.

63. No grant shall take effect until recorded.

64. On any dispute prior to such grant, priority of notice shall constitute priority of right.

65. A grant duly recorded shall speak from the date of the grant and not from the date of the record.

66. Every such grant shall be subject to the rights of such free miners as shall, at the date of such grant, be working on the stream above or below the ditch head, and of any other persons lawfully using such water for any purpose whatsoever; and such grant shall be deemed as appurtenant to the mineral claim, mine held as real estate or mill-site in respect of which it has been obtained, and whenever the claim or mine shall have been worked out or abandoned, or whenever the occasion for the use of the water upon the claim, mine or mill-site shall have permanently ceased, the grant shall be at an end and determined.

67. No person shall be entitled to any such grant of water for the purpose of selling such water, or of using the same otherwise than for the purpose for which the water was recorded.

68. Within six months after the grant is made, the grantee shall commence the construction of the ditch or other works through which he intends to convey the water, and shall prosecute the same diligently and uninterruptedly to completion, unless interrupted by the severity of the weather: Provided, always, that the gold commissioner may, in his discretion, allow such work to cease for any time, upon cause being shown. Upon the non-fulfilment of any of the conditions of this section the grant shall be forfeited.

69. The gold commissioner shall, in his discretion, have power to allow a grantee of any water right to change the place of diversion, on giving such notices and complying with such terms as the gold commissioner may require.

70. Every such grantee shall take all reasonable means for utilizing the water granted to him; and if he wilfully waste any water, or take a quantity of water in excess of his requirements, the gold commissioner may declare his grant to be forfeited.

71. Any person desiring to bridge any stream, claim, or other place, for any purpose, or to mine under or through any ditch or flume, or to carry water through or over any land already occupied, may do so with the written sanction of the gold commissioner. In all such cases the right of the party first in possession, whether of the mine or of the water right, is to prevail, so as to entitle him to compensation if the same be just.

72. In measuring water in any ditch or sluice, the following rules shall be observed: The water taken into a ditch or sluice shall be measured at the ditch or sluice head. No water shall be taken into a ditch or sluice except in a trough placed horizontally at the place at which the water enters it. One inch of water shall mean half the quantity that will pass through an orifice two inches high by one inch wide, with a constant head of seven inches above the upper side of the orifice.

73. Whenever it shall be intended, in forming or upholding any ditch, to enter upon and occupy any part of a registered claim, or mine held as real estate, or to dig or loosen any earth or rock within four feet of any ditch not belonging solely to the registered owner of such claim or mine, three days' notice in writing of such intention shall be given before entering or approaching within twenty feet of such other property.

74. Any person heretofore or hereafter engaged in the construction of any road or work may, with the sanction of the gold commissioner, cross, divert, or otherwise interfere with any ditch, water right, or other mining rights whatsoever, for such period as the said commissioner shall direct.

75. The owner of any ditch, flume, or pipe shall, at his own expense, construct, secure, and maintain all culverts necessary for the passage of waste and superfluous water flowing through or over any such ditch, flume, or pipe.

76. The owner of any ditch, flume, or pipe shall construct and secure the same in a proper and substantial manner, and maintain the same in good repair to the satisfaction of the gold commissioner, so that no damage shall occur to any road or work in its vicinity from any part of the works of such ditch, flume, or pipe.

77. The owner of any ditch, flume, or pipe shall be liable and shall make good, in such manner as the gold commissioner shall determine all damages which may be occasioned by or through any parts of the works of such ditch, flume, or pipe breaking or being imperfect.

78. If any written notice to the party intended to be affected thereby be posted for ten days on some conspicuous part of any premises referred to in such notice, and also in the office of the mining recorder, such notice shall be deemed good and sufficient.

79. When the term for which any water right has been granted shall have expired, the grantee thereof may, at the discretion of the gold commissioner, obtain a renewal of the same for a reasonable term, not to exceed ten years, provided the necessity for the use of said water for the purpose for which it was originally granted continues to exist.

80. Nothing herein contained shall be construed to limit the right of the Chief Commissioner of Lands and Works to lay out, from time to time, the public roads of the Province, across, through, along, or under any ditch, water right, or mining right, in any Crown land, without compensation, provided that as little damage as possible shall be done in so doing.

XXIV. MINING PARTNERSHIPS:

81. All mining partnerships shall be governed by the provisions hereof, unless they shall have other and written articles of partnership.

82. A mining partnership shall, unless otherwise agreed upon, be deemed to be a yearly partnership, renewable from year to year by tacit consent.

83. The business of the partnership shall be mining and such other matters as pertain solely thereto.

84. Mining partnerships can locate and record in the partnership name a mineral claim for each partner, but the name of every partner, and the number of every partner's free miner's certificate shall be on the record of every such claim. The partnership name must appear on every such record, and all the claims so taken up shall be the property of the partnership: Provided, always, that no free miner who is the member of a mining partnership, holding by right of location a mineral claim, shall be entitled to hold by right of location in his own name or in the name of any other partnership any interest in any other mineral claim on the same vein or lode on which the partnership claim is situate.

85. Should any partner fail to keep up his free miner's certificate, such failure shall not cause a forfeiture, or act as an abandonment of the partnership claim, but the share of the partner who shall so fail to keep up his free miner's certificate shall ipso facto be and become vested in his partners, pro rata, according to their former interests, on the said partners paying the free miner's certificate for the year.

86. A partner in any mining partnership or his agent authorized in writing shall, at any meeting thereof, be entitled to vote upon any interest or fraction of an interest which he may hold therein; but the result of the votes given shall be determined by the number of the full interests voted upon, and not by the number of partners voting at such meeting.

87. A majority of such votes may decide when, how long, and in what manner to work the partnership claim, the number of men to be employed, and the extent and manner of levying the assessments to defray the expenses incurred by the partnership: Such majority may also choose a foreman or manager, who shall represent the partnership, and sue and be sued in the name of the partnership for assessments and otherwise; and he shall have power to bind them by his contracts: Every partner, or his duly authorized agent, shall be entitled to represent his interest in the partnership property by work and labor so long as such work and labor be satisfactory to the foreman or manager. In the event of such workman being discharged by the foreman or manager, the court having jurisdiction in mining disputes may, if requested, summon the foreman or manager before it, and upon hearing the facts make such order as it shall deem just.

88. All assessments shall be payable within thirty days after being made.

89. Any partner making default in payment after receiving a notice specifying the amount due by him, shall, if such amount be correct, be personally liable therefor to the partnership, and his interest in the partnership property may be sold by the partnership for the payment of the debt, and any further assessment which may have accrued thereon up to the day of sale, together with all costs and charges occasioned by such default; and if the proceeds of the sale be insufficient to pay off the several sums mentioned, the court having jurisdiction in mining disputes, upon being applied to, shall issue an order directed to the sheriff to seize and sell any other personal property of the debtor. Notices of sale shall, in either of the above cases, be conspicuously posted thirty clear days prior to the day of sale in the vicinity of such mining or other property, and on the court house or mining recorder's office nearest thereto. But if such partner be absent from the district such notices shall be posted as aforesaid sixty clear days before the day of sale, and a copy of such notice shall be published in some newspaper circulating in the district wherein such mining or other property is situate. Such sale shall be by public auction to the highest bidder. The purchaser shall be entitled to possession of the property sold, and to a bill of sale therefor signed by the auctioneer; such bill of sale shall confer such title upon the purchaser as the owner had.

90. After a notice of abandonment in writing shall have been served on the foreman or manager of a partnership by any member thereof, and duly recorded, such member shall not be liable for any debts or other liabilities of the partnership incurred after service and record of such notice, and no member shall be deemed to have abandoned an interest until service and record of such notice.

91. Upon the abandonment of any share in a mining part-

nership, the title to the abandoned share shall vest in the continuing partners, pro rata, according to their former interests.

92. Any partner shall be entitled to sell, or contract for the sale of his interest in the partnership property, but such interest shall continue liable for all debts of the partnership.

93. No partner shall, after a bill of sale conveying his interest has been recorded, be liable for any indebtedness of the partnership incurred thereafter.

XXV. LIMITED LIABILITY:

94. Any mining partnership composed of two or more free miners may limit the liability of its members, upon complying with the requirements following, that is to say: Upon filing with the mining recorder a declaratory statement containing the name of the partnership, the location and size of every partnership claim, and the particular interest of each partner; and also placing upon a conspicuous part of every such claim, in large letters, the name of the partnership, followed by the words "Limited Liability."

95. The words "Limited Liability" shall thereupon become part of the partnership name.

96. After such conditions shall have been complied with, no member of such partnership shall be liable for any indebtedness incurred thereafter beyond an amount proportioned to his interest in the partnership.

97. Every such partnership shall keep a correct account of its assets and liabilities, together with the names of the partners, and the interest held by each, and shall make out a monthly balance sheet showing the names of the creditors, and the amounts due each, and file the same among the papers of the partnership; and such balance sheet and all the books of the partnership shall be open to the inspection of creditors at all reasonable hours.

98. Every partner in such partnership shall be at liberty to sell or dispose of his interest therein, or of any part thereof, to any other free miner.

99. No member of such partnership, after a bill of sale conveying his interest has been duly recorded, or after he has served a notice of abandonment of his interest on the foreman, and left a copy thereof with the mining recorder, shall be liable for any indebtedness of the partnership incurred thereafter.

100. No such partnership shall declare any dividend until all its liabilities have been paid.

101. Every such partnership shall appoint a foreman or manager, who shall represent the partnership, who shall sue and be sued in the name of the partnership, and his contracts in relation to the business of the partnership shall be deemed to be the contracts of the partnership.

102. No such partnership shall be liable for any other indebtedness than that contracted by its foreman or manager, or by its agent duly authorized in writing.

103. Should any such partnership fail to comply with any of the provisions of this Act relating exclusively to "limited liability" partnerships, such partnerships shall, from date of such failure, cease to be a "limited liability" partnership.

XXVI. MINING RECORDERS:

104. The Lieutenant-Governor-in-Council may appoint any person to be a mining recorder in and for any part of the Province.

105. Where mineral land is discovered in a part of the Province so situate that the provisions of this Act as to free miners' certificates and records of mining property cannot be justly applied or enforced by reason of there being no gold commissioner or mining recorder in the locality, it shall be lawful for the miners of such locality to hold meetings at such times and places as may be agreed upon, and at such meetings, by a two-thirds vote, to appoint one of their number to issue free miners' certificates and to enter records of mining property; and such certificates and records shall be valid, notwithstanding any informality therein: Provided that all records so made, and all fees for the same in accordance with the schedule to this act, and a list of all free miners' certificates issued, and the date and term thereof, and the fees for the same, be forwarded to the nearest gold commissioner or mining recorder as soon thereafter as practicable.

[Sections 106 to 124 here following, set forth in detail the duties of mining recorders; and are omitted, as being of official service only.]

XXVII. MINING DIVISIONS:

125. It shall be lawful for the Lieutenant-Governor-in-Council to divide and subdivide any district into mining divisions, and to establish in each mining division a mining recorder's office.

126. Upon the establishment of a mining division, and the opening of a mining recorder's office therein, under the authority of the last preceding section: (a.) Such office, and none other, shall be the proper office for recording all claims, records, certificates, documents, or other instruments affecting claims, mines held as real estate, or mining property situate within such mining division; and whenever, by this Act, or any Act amending the same, anything is required to be done at or in the office of the gold commissioner or mining recorder of the district, it shall, if the same affects or concerns any claim, mine held as real estate, or mining property situate within a mining division, be done at or in the office of the mining recorder of the mining division wherein such claim or mine, or other mining property, is situate: (b.) Upon the district or division of any mining recorder being divided or subdivided into mining divisions, it shall be the duty of such mining recorder to make, or cause to be made, a transcript of all the entries in all the books mentioned in Section 108, affecting claims, mines held as real estate, or mining property situate in each newly created mining division, and to forward same to the mining recorder of such mining division, and such transcript shall be kept in such office as part of the records of such office, and all transcripts of such records, certificates, documents, or other instruments shall prima facie be deemed to be true copies of the several records, certificates, documents, or other instruments of which they purport to be transcripts; and such transcripts or copies thereof, when certified by the mining recorder of the mining division in whose office they are kept, shall be admissible in evidence in all courts of judicature in this Province.

127. When there shall be no mining recorder for a district or division, the duties of the mining recorder shall devolve upon the gold commissioner, and it shall at all times be lawful for the gold commissioner to perform the duties of the mining recorder, and the gold commissioner shall have all the powers of a mining recorder.

128. The mining recorder's office shall be open upon such days and hours as the Lieutenant-Governor in council may from time to time appoint, and failing any particular appointment shall be kept open upon all days, excepting public holidays, from 10 a. m. to 4 p. m., and such times shall be deemed the office hours of such office.

XXVIII. GOLD COMMISSIONER'S POWERS:

129. It shall be lawful for, but not incumbent upon, the gold commissioner to grant a license to any free miner, being the lawful holder of a mineral claim or mine held as real estate, to run a drain or tunnel, for any purpose connected with the development of working of such claim or mine, through any occupied or unoccupied lands, whether mineral or otherwise, upon security being deposited or given to him, to his satisfaction, for any damage that may be done thereby, and upon such other terms as he shall think fit.

130. It shall be lawful for, but not incumbent upon, the gold commissioner to grant a water right to any free miner who is the lawful holder of a mineral claim, mine held as real estate, or mill-site, in any unappropriated water, for any mining or milling purpose, for any term not exceeding twenty years, and upon such terms and conditions as the gold commissioner shall think fit, upon being satisfied that all the conditions of Section 61 have been complied with. And in all cases where he shall think fit to extend the time for the recording of the grant of such water right.

131. On the expiration of the grant to any such water right, it shall be lawful for, but not incumbent upon, the gold commissioner to renew such grant for a further period not exceeding ten years, on being satisfied that the necessity for the use of the water for the purpose for which it was originally granted continues to exist.

132. Upon proof that any grantee has not complied with all or any of the conditions upon which grants of water rights are held, the gold commissioner may declare the grant to be forfeited.

133. When such grant shall have been declared forfeited, the gold commissioner shall cause such forfeiture to be recorded by the mining recorder.

134. The gold commissioner may permit the grantee of any water right to change the place of diversion, on being satisfied that others are not injured by such change.

135. The gold commissioner may, in all proper cases, grant an authority in writing to any person desiring to bridge any stream, claim, or other place, for any purpose, or to mine under or through any ditch or flume, or to carry water through or over any land already occupied, and to any person heretofore or hereafter engaged in the construction of any road or work, to cross, divert, or otherwise interfere with any ditch, water privilege, or other mining rights whatsoever, for such period as the said commissioner shall think fit.

136. The gold commissioner may order the owner of any ditch, flume, or pipe to make good, in such manner as such gold commissioner shall think fit, all damages which may be occasioned by or through any parts of the works of such ditch, flume, or pipe breaking or being imperfect.

137, 138. Repealed by 1892, c. 32, s. 2.

139. The gold commissioner may, in his discretion, permit a free miner to re-locate a mineral claim, or any part thereof, which may have been abandoned or forfeited by such free miner: Provided, that such re-locations shall not prejudice or interfere with the rights or interests of others.

140. The gold commissioner may mark out a space of ground for deposits of leavings and deads from any tunnel, claim, or mining ground, upon such terms as he may think just.

141. The gold commissioner shall have the power to summarily order any mining works to be so carried on as

not to interfere with or endanger the safety of the public, any public work or highway, or any mining property, mineral claims, mining claims, bed-rock drains, or bed-rock flumes; and any abandoned works may by his order be either filled up or guarded to his satisfaction, at the cost of the parties who may have constructed the same, or, in their absence, upon such terms as he shall think fit.

142. Notwithstanding anything contained in the "Gold Mining Amendment Act, 1873," or in any Crown grant issued under the said Act, or under this or any other Act, it shall be lawful for the gold commissioner, in his discretion, and with or without any terms or conditions, to allow to the owners of mineral claims all such rights or privileges in and over mineral or other claims held as real estate as may be allowed in and over claims not so held; and owners of claims held as real estate shall be entitled to the same rights and privileges as owners of claims not so held.

143. Upon receiving an application for a mill-site from any free miner, and upon proof being furnished to his satisfaction of the non-mineral character of the land applied for, and the deposit in duplicate of a plat of said land, and upon proof by affidavit that the applicant has complied with the requirements of Section 55 of this Act, the gold commissioner shall issue to the applicant a lease of such land for one year, in the form in the schedule to this act.

144. Upon being satisfied that the lessee of a mill-site has put or constructed thereon works or machinery for mining or milling purposes to an amount of not less than five hundred dollars, the gold commissioner shall issue his certificate to that effect.

145. Upon receipt from the mining recorder of the moneys and documents mentioned or referred to in Section 122, the gold commissioner shall satisfy himself that the same are in order, and then forward the same to the Chief Commissioner of Lands and Works.

146. The gold commissioner shall have power to do all things necessary or expedient for the carrying out of the provisions of this act.

XXIX. ADMINISTRATION MINERS' ESTATES:

147. (Repealed by 1892, c. 32, s. 2.)

148. The gold commissioner, or any person authorized by him, shall take charge of all the property, within the district of such commissioner, of any deceased free miner until the issue of letters of administration or probate of the will, if any: Provided, however, that where any free miner shall die intestate, and the value of the personal estate of such deceased free miner is less than three hundred dollars, it shall not be necessary for the gold commissioner to obtain from any court letters of administration, but in such case the gold commissioner may administer and wind up the personal estate of the deceased, and do all things necessary and proper therefor, and act in all respects as if letters of administration to the personal estate of such deceased free miner had been granted to such gold commissioner, and the gold commissioner shall produce and pass his accounts, in each estate of which he shall undertake the administration, before a judge of the County Court of the district.

XXX. MINING JURISDICTION OF COUNTY COURTS:

149. [Abridged.] Every County Court shall have and exercise, within the limits of its district, all the jurisdiction and powers of a court of law and equity: i. In all personal actions, where the debt or damages claimed arise directly out of the business of mining (other than coal mining), or from the exercise of or interference with any right, power, or privilege given, or claimed to be given, by this act or any other act relating to mining (other than coal mining). ii. In all actions between employers and employes, where the employment is directly connected with the business of mining (other than coal mining). iii. In all actions for supplies to persons engaged in mining, where such supplies were bought, contracted for, or supplied, or were alleged to have been bought, contracted for or supplied, for mining purposes, or for consumption by persons engaged in mining or prospecting. iv. In all actions of trespass on or in respect of mineral claims or other mining property, or in the exercise of any power or privilege given, or claimed to be given, by this act, or any other act relating to mining (other than coal mining). v. In all actions of ejectment from mineral claims or other mining property, or from lands entered, or claimed to have been entered, in searching for, mining, or working minerals (other than coal) or for any purpose connected therewith or under some power given or obtained under this act or any other mining act (other than coal mining). vi. In all suits for foreclosure or redemption, or for enforcing any charge or lien, where the mortgage, charge or lien shall be on mineral claims, mines, or other mining property. vii. In all suits for specific performance of, or for reforming, or delivering up, or cancelling any agreement for sale, purchase, or lease of any mineral claim, mine, or other mining property. viii. In all suits for the dissolution or winding up of any mining partnership, whether registered or not, under the provisions of this act. ix. In all suits relative to water rights claimed under this act, or any other act relating to mining (other than coal mining). x. In all proceedings for orders in the nature of injunctions, where the same are requisite for the granting of relief in any matter in which jurisdiction is given to the County Court by this act.

150. The jurisdiction given to County Courts by this act shall be known as the "mining jurisdiction" of the County Court, and the words "mining jurisdiction" shall be written or printed on all summonses, writs and other process, and all other documents in every action or cause brought under the mining jurisdiction of the County Court.

151. [Abridged.] County Courts and County Court judges, registrars, sheriffs and other officers, shall have the same duties, powers, privileges, and authorities in all actions and suits, and other proceedings brought under the mining jurisdiction of the County Court, as they now have, or at any time hereafter may have, in actions and suits and other proceedings brought under the ordinary jurisdiction of the County Court.

152. Where disputes arise concerning mining property, portions whereof are situated in adjoining or different districts, the County Court of either of such districts before which the dispute is first brought shall determine it.

153. The hearing of any summons, plaint, or other process in any County Court shall not be deferred beyond the shortest reasonable time necessary in the interests of all parties concerned, and it shall be lawful for the registrar to make summonses or other proceedings returnable forthwith, or at any other time.

154. In all mining actions or suits the court may decide the question at issue upon the ground in dispute, and such decision shall be entered as in ordinary cases, and have the same virtue and effect as if rendered in court.

155. In any mining cause or suit, either party may require that the issues of fact shall be tried by a jury, and the judge may, before delivering judgment in any action, suit, or other proceeding, direct all or any issues of fact to be found by a jury.

156. In all actions, suits and other proceedings within the mining jurisdiction of the County Court, the judge may order that costs be taxed on the higher or lower scale allowed by the County Court rules; or if he shall consider the case of sufficient importance, he may order that costs be taxed as in the Supreme Court, and the costs so ordered shall be the costs recoverable in such action, suit, or other proceeding.

157. Every County Court having jurisdiction in mining disputes shall, with reference to real estate held under the "Gold Mining Amendment Act, 1873," or under this act, and notwithstanding any law to the contrary, have the same powers and authorities to decide all matters or disputes arising between the owners thereof, or between the owners thereof and any third person, or between mining joint stock companies, or between shareholders, therein, or between them and the company, in the same way and as fully as it might do concerning claims not being real estate; and actions, suits and other proceedings relating to such matters or disputes shall be brought and had in the same manner as actions, suits, or proceedings relating to mining claims not being real estate.

158. [Omitted; of official value only.]

XXXI. PENAL AND MISCELLANEOUS:

159. Any person wilfully acting in contravention of this act, or refusing to obey any lawful order of the gold commissioner or of any judge presiding in a court shall, on conviction thereof in a summary way before any two justices of the peace, or a stipendiary magistrate, or before any judge of a court having jurisdiction in mining disputes, be liable to a fine not exceeding two hundred and fifty dollars, or to imprisonment, with or without hard labor, for any term not exceeding three months.

160. All fines and penalties imposed or payable under this act may be recovered by distress and sale of any mining or other personal property of the offender; and in default of sufficient distress by imprisonment, with or without hard labor, not exceeding three months.

161. All fines, fees and penalties collected under this act shall be paid into the Consolidated Revenue Fund of British Columbia.

162. Nothing herein contained shall, save where such intention is expressely stated, be so construed as to affect prejudicially any mining rights and interests acquired prior to the passing of this act; and all mining rights and privileges heretofore and hereunder acquired shall, without the same being expressly stated, be deemed to be taken and held subject to the rights of Her Majesty, Her heirs and successors, and to the public rights of way and water.

163. Every free miner, on application to the mining recorder of the district, shall be entitled to a printed copy of this act on payment of the sum of twenty-five cents.

164. Affidavits and declarations made under the provisions of this act shall be made before some judge or registrar of a court of record, or before some gold commissioner, mining recorder, stipendiary magistrate, justice of the peace, notary public, or commissioner for taking affidavits.

164a. The Minister of Mines and the Provincial Inspector or Mineralogist shall have the right to enter into or upon and examine any mineral claim or mine within the meaning of this act.

XXXII. TAXATION OF MINES:

164b. There shall be levied and collected from the owner or occupier of every mineral or placer claim of which a

Crown grant has issued, including Crown grants issued under authority of an act made and passed in the thirty-sixth year of Her Majesty's reign, intituled "An act to amend the 'Gold Mining Ordinance, 1867,' and the 'Gold Mining Amendment Act, 1872,'" an annual tax of twenty-five cents for every acre and fractional part of an acre of land conveyed by the grant, payable on the thirtieth day of June in each year. Such tax shall form a charge upon the claim. The assessor appointed under or by virtue of any existing assessment act, or any collector appointed under the "Provincial Revenue Tax Act," is hereby authorized, as to the mineral or placer claims situate within the district for which he is appointed, to collect and receive the tax. In the event of the tax not being paid to the assessor or collector, the gold commissioner may in his discretion cause the claim upon which the tax is charged to be offered for sale by public auction, of which sixty days' notice shall be posted upon the principal court house of the district in which the claim is situate, and in one newspaper, if any, published in such district, and may sell such claim, receive the purchase money, and execute a conveyance thereof to the purchaser. The purchase money shall be applied in payment of the expenses of advertising and the payment of the tax, and any surplus shall be paid into the treasury in trust for the owner of the claim. In the event of their being no purchaser, or if the price offered shall not be sufficient to pay the tax and expenses of advertising, the land shall absolutely revert to the Province, and the Crown grant thereof shall be deemed void. The assessor or collector may, before offering the claim for sale, sue the owner or occupier for the tax, in a summary manner, before any justice of the peace, who may adjudge the same to be paid; and in default of payment, the amount due, together with costs, may be recovered by distress of the goods and chattels of the person against whom the tax may be recovered: Provided, that if the owner of any such mineral or placer claim shall establish, to the satisfaction of the gold commissioner, mining recorder, or assessor and collector of the district in which the claim lies, that the sum of two hundred dollars has been expended thereon in labor or improvements in any one year, then the tax shall not be levied in respect of such claim for such year.

[Section 165, a repealing clause, omitted, as not material to the purpose of this work.]

XXXIII. MINING COURTS:

[The following sections of the "Mineral Act" (Consolidated Acts, 1888, Chap. 82) are still in force but it has been decided by a judge of the Supreme Court of British Columbia that the provisions conferring judicial powers on the gold commissioner are void.]

165a. (4.) The Lieutenant-Governor in Council may from time to time appoint such persons as he shall think proper to be respectively Chief Gold Commissioner and gold commissioners, either for the whole Province or for any particular districts therein, and from time to time in like manner fix and vary the limits of and subdivide such districts, and make and revoke all such appointments.

165b. (5.) Within every such district or districts there shall be a court, to be called the "Mining Court," in which the gold commissioner of the district shall preside as judge thereof.

165c. (6.) Such "Mining Court" shall have original jurisdiction as a court of law and equity, to hear and determine all mining disputes arising within its district, and shall be a court of record with a specific seal; and in determining suits or actions brought therein, the gold commissioner may render such judgment, or make such order or decree as he shall deem just, and for the purposes thereof and for enforcing the same he shall have and exercise, save as hereinafter excepted, the same powers and authority, legal and equitable, as are now exercised by the Supreme Court by any judge thereof: Provided, however, that the gold commissioner shall, if desired by both parties to a cause in cases of liquidated damages, or if desired by either party to a cause in case of unliquidated damages, summon a jury of from three to five free miners to assess the amount of such damages.

[Sections 165d to 165h omitted as being of official value only.]

165i. (28.) Where any mining cause, wherein the sum of damages sought to be recovered shall be less than two hundred and fifty dollars, is brought in the first instance before the Supreme Court, it shall be lawful for the court, after issue joined, to direct the cause to be tried before any particular gold commissioner, upon such terms as the court shall think fit.

165j. [Abridged.] (29.) An appeal shall lie from any judgment of a Mining Court or of a County Court in a mining cause to the Supreme Court at Victoria sitting as a full court.

XXXIV. APPENDIX A. CONFIRMATION OF TITLES:

[Sections 1, 2, 3 omitted; being provisions of transitory nature.]

4. Every instrument, memorandum of sale, or other writing, whether under seal or not, executed before the passing of this Act, purporting to transfer any interest in any placer claim or claims held under the authority of the mining laws of the Province in force at the time of such transfer, from which, by reason of its customary use, or from other satisfactory reasons, it is plainly deducible that the intention of the maker thereof was to pass to the transferee the maker's entire interest in such claim or claims, shall, unless some reservation or exception or contrary intention appears, otherwise than by the omission of proper operative words, or of words of inheritance, or by the presence of some other informality, or of one or more such, pass, and be deemed to have passed, to the transferee an estate of fee simple in the premises, or other the full estate held or possessed by the maker.

5. Where, by reason of the loss of the documents of title to any such claim, it is impossible to produce the same for purposes of registration, it shall be sufficient to entitle an applicant to have his title registered under the Land Registry Acts, to produce to the registrar of titles a copy of the record of such transfer or transfers, certified under the hand of the mining recorder in whose office are the books of record in which any such transfer is recorded.

XXXV. APPENDIX B. EXECUTION:

In regard to the method of enforcing a judgment against the owner of mineral claims and the "Execution Act Amendment Act, 1895," contains the following provision: "4. * * * * Any interest which a free miner has in any mineral claim before the issue of a Crown grant therefor, or in any mining property as defined in the 'Mineral Act, 1891,' and amendments thereto, and any placer claim and mining property, as defined in the 'Placer Mining Act, 1891,' and amendments thereto, may be seized and sold by the sheriff, under and by virtue of an execution issued against goods and chattels."

XXXVI. SCALE OF FEES:

For every free miner's certificate (for each year)	$5.00
Every substituted certificate	1.00
Recording: any claim	2.50
Every certificate of work	2.50
Any "lay over," or every other record required	2.50
Every abandonment	2.50
Any other record made in the "Record of Abandonments"	2.50
Every affidavit, not exceeding three folios of 100 words.	2.50
Every folio over three, per folio	.30
All records in the "Record of Conveyances," where not exceeding three folios	2.50
Every folio over three, per folio	.30
For all copies or extracts from any record not exceeding three folios, per copy	2.50
Exceeding three folios, per folio	.30
For filing any document	.25
For a Crown grant	5.00

[THE PLACER MINING ACT, 1891. ABRIDGED. As Amended in 1892, 1893, 1894 and 1895.]

I. SHORT TITLE:

This Act may be cited as "The Placer Mining Act, 1891."

II. INTERPRETATIONS:

2. In the construction of this Act the following expressions shall have the following meanings respectively, unless inconsistent with the context:

"Mine," "placer mine," and "diggings" shall be synonymous terms, and shall mean any natural stratum or bed of earth, gravel or cement mined for gold or other precious minerals:

"Placer claim" shall mean the personal right of property or interest in any placer mine; and in the term "mining property" shall be included every placer claim, ditch, or water right used for placer mining purposes, and all other things belonging thereto or used in the working thereof. Placer claims shall be divided into creek diggings, bar diggings, dry diggings, bench diggings, and hill diggings:

"Creek diggings" shall mean any mine in the bed of any river, stream, or ravine, excepting bar diggings:

"Bar diggings" shall mean any mine over which a river extends when in its flooded state:

"Dry diggings" shall mean any mine over which a river never extends:

"Bench diggings" shall mean any mine on a bench, and shall, for the purpose of defining the size of a claim in bench diggings, be excepted from "dry diggings:"

"Hill diggings" shall mean any mine on the surface of a hill, and fronting on any natural stream or ravine:

"Record," when used without qualifying words showing that a different matter is referred to, shall be taken to refer to the record of the location of a placer claim:

"Full interest" shall mean any placer claim of the full size, or one of several shares into which a mine may be equally divided:

"Close season" shall mean the period of the year during which placer claims in any district are laid over by the gold commissioner of that district:

For interpretation of "streams and ravines," "ditch," "ditch head," "free miner," "legal post," "record," "register," "registration," "cause," "judgment," "real es-

tate," and "joint stock company" see Section 2, Art. II, "Mineral Act, 1891," preceding.

III. FREE MINERS, AND THEIR PRIVILEGES:

[See corresponding article in Mineral Act, 1891, preceding, Sections 3 to 8, substituting "placer claim" for "mineral claim" in the last specified section.]

9. No person or joint stock company shall be recognized as having any right or interest in or to any placer claim, mining lease, bed-rock flume grant, or any minerals in any ground comprised therein, or in or to any water right, mining ditch, drain, tunnel, or flume, unless he or it shall have a free miner's certificate unexpired. And on the expiration of a free miner's certificate the owner thereof shall absolutely forfeit all his rights and interest in or to any placer claim, mining lease, bed-rock flume grant, and any minerals in any ground comprised therein, and in or to any and every water right, mining ditch, drain, tunnel, or flume, which may be held or claimed by such owner of such expired free miner's certificate unless such owner shall, on or before the day following the expiration of such certificate, obtain a new free miner's certificate: Provided, nevertheless, should any co-owner fail to keep up his free miner's certificate, such failure shall not cause a forfeiture or act as an abandonment of the claim; but the interest of the co-owner who shall fail to keep up his free miner's certificate shall, ipso facto, be and become vested in his co-owners, pro rata, according to their former interests: Provided, nevertheless, that a shareholder in a joint stock company need not be a free miner, and, though not a free miner, shall be entitled to buy, sell, hold, or dispose of any shares therein: And provided, also, that this section shall not apply to placer mines for which a Crown grant has been issued.

9A. Every owner of a mine or placer claim, and every contractor for the performance of any work upon a mine or placer claim, shall pay the annual fee for a free miner's license for any person in their employment and liable for the fee, and may deduct the amount so paid on account of such person from the amount of salary or wages due or to become due to him from such employer upon production and delivery of the receipt for such tax to such person. Every such owner or contractor shall furnish to the mining recorder or collector, when requested by him so to do, from time to time, a list of all persons in his employ, or indirectly employed by him, liable to pay the said license fee; but no such statement shall bind the recorder or collector, or excuse him from making due enquiry to ascertain its correctness.

9B. [See corresponding section, Art. III, Mineral Act, 1891, preceding.]

10. Every free miner shall, during the continuance of his certificate, but not longer, have the right to enter, locate, prospect, and mine for gold and other precious metals upon any lands in the Province of British Columbia, whether vested in the Crown or otherwise, except upon Government reservations for townsites, land occupied by any building, and any land falling within the curtilage of any dwelling house, and any orchard, and any land lawfully occupied for placer mining purposes, and also Indian reservations.

11. Previous to any entry being made upon lands already lawfully occupied, such free miner shall give adequate security, to the satisfaction of the gold commisioner, for any loss or damage which may be caused by such entry; and after such entry he shall make full compensation to the occupant or owner of such lands for any loss or damage which may be caused by reason of such entry; such compensation, in case of dispute, to be determined by a court having jurisdiction in mining disputes, with or without a jury.

12-13. [See Sections 11 and 12, Art. III, "Mineral Act, 1891," preceding.]

14. A free miner shall have all the rights and privileges granted to free miners by the "Mineral Act, 1891."

IV. LOCATION AND RECORD:

15. Every free miner shall be entitled to locate and record a placer claim on each separate creek, ravine, or hill, but not more than two claims in the same locality, only one of which shall be a creek claim. He shall be allowed to hold any number of placer claims by purchase, and every free miner may sell, mortgage, or dispose of his claim or any interest therein.

16. The size of placer claims shall be as follows: A "creek claim" shall be one hundred feet long, measured in the direction of the general course of the stream, and shall extend in width from base to base of the hill or bench on each side, but when the hills or benches are less than one hundred feet apart the claim shall be one hundred feet square. In "bar diggings" a claim shall be a strip of land one hundred feet long at high water mark, and in width extending from high water mark into the river to its lowest water level: In "dry diggings" a claim shall be one hundred feet square: In "bench diggings" a claim shall be one hundred feet square: Provided that the gold commissioner shall have authority, where a bench is narrow, to extend the limits of the claim beyond the limits of the bench, but not to exceed one hundred feet square: In "hill diggings" a claim shall have a base line or frontage of one hundred feet, drawn parallel to the main direction of the stream or ravine on which it fronts. Parallel lines drawn from each end of the base line, at right angles thereto, and running to the summit of the hill, shall constitute the side lines thereof. Legal posts shall be placed, one hundred feet apart, on both the base line and side lines, and no claim shall extend beyond the posts so placed.

17. If any free miner, or party of free miners, discover a new mine, and such discovery be established to the satisfaction of the gold commissioner, placer claims of the following sizes, in dry, bar, bench, creek, or hill diggings shall be allowed, viz.: To one discoverer, one claim, three hundred feet in length; to a party of two discoverers, two claims amounting together to six hundred feet in length; to a party of three discoverers, three claims, amounting together to eight hundred feet in length; to a party of four discoverers, four claims, amounting together to one thousand feet in length; and to each member of a party beyond four in number, a claim of the ordinary size only. A creek discovery claim shall extend on each side of the center of the creek as far as the summit of the hill, but not exceeding one thousand feet.

18. A new stratum of auriferous earth, gravel, or cement, situated in a locality where all placer claims are abandoned, shall be deemed a new mine, although mines in the same locality shall have been previously worked; and dry diggings discovered in the vicinity of bar diggings shall be deemed a new mine, and vice versa. A discoverer's claim shall be considered as one ordinary claim, in respect to recording, working, and representing.

19. In defining the size of placer claims they shall be measured horizontally, irrespective of inequalities on the surface of the ground.

20. Every placer claim shall be as nearly as possible rectangular in form, and marked by four legal posts at the corners thereof, firmly fixed in the ground. One of such posts shall be marked as the "initial post," and on that post shall be placed a legible notice in writing, stating the name of the claim, its length in feet and general direction, with the date of the notice and name of each locator. If any side line of any claim shall exceed one hundred feet in length, legal posts shall be placed along such side line, at distances not exceeding one hundred feet.

21. Any location made upon Sunday or any public holiday shall not for that reason be invalid, any law or statute to the contrary notwithstanding.

22. In case of any dispute as to the title to a placer claim, the title to the claim shall be recognized according to the priority of such location, subject to any question as to the validity of the record itself, and subject further to the free miner having complied with all the terms and conditions of this Act.

23. Every free miner locating a placer claim shall record the same with the mining recorder of the district or division within which the same is situate, within three days after the location thereof, if located within ten miles of the office of the said mining recorder. One additional day shall be allowed for making such record for every additional ten miles or fraction thereof. Such record shall be made in a book to be kept for the purpose in the office of the said mining recorder, to be known as the "Record Book," in which shall be inserted the name of the claim, the name of each locator, the number of each locator's free miner's certificate, the locality of the claim, its length in feet, the period for which such record is granted, the date of location, and date of the record: Provided that a free miner shall not be entitled to a record of a claim until he shall have furnished the mining recorder with a written statement of the above particulars.

24. After the recording of a placer claim, the removal of any post by the holder thereof, or by any person acting in his behalf, made for the purpose of changing the limits of his claim, shall act as a forfeiture of the claim.

25. Upon the establishment of a mining division and the opening of a mining recorder's office therein, under the authority of this Act, such office and none other shall be the proper office for recording all placer claims within such mining division, and making all records in respect thereof.

26. If through ignorance any free miner shall record a placer claim in a different district or mining division to that in which such claim is situate, such error shall not affect his title to such claim, but he shall within fifteen days from the discovery of his error, record such claim in the district or mining division in which it is situate, and such new record shall bear the date of the first record, and a note shall be made thereon of the error and of the date of the rectification of the same.

27. A free miner having duly located a placer claim, shall be entitled to record the same for one or more years, upon payment of the fees set out in the schedule to this Act.

28. [Abridged.] A free miner shall, at any time during the existence of his record or re-record, be entitled to extend the term of his interest in his placer claim for one or more years, upon payment of the fees set out in the schedule to this Act, by re-recording such claim.

29. [Sec. 23, Art. IV, "Mineral Act, 1891," preceding.]

30. If a free miner shall apply for a re-record, and

shall make such application at the mining recorder's office during office hours, but during his absence, and shall leave the fee required by this Act, and the particulars and information required by section 28, with the officer or other person in charge of the said office, he shall be entitled to have a re-record dated on the date of such application, but commencing to run from the expiration of his existing record or re-record.

31. A free miner, having duly located and recorded a placer claim, shall be entitled to hold the same during the existence of his record or re-record of such claim upon complying with all the terms and conditions of this Act.

V. RIGHT OF ENTRY:

32. Every free miner shall have the exclusive right of entry upon his placer claim, for the miner-like working thereof, and the construction of a residence thereon, and shall be entitled exclusively to all the proceeds realized therefrom: Provided that the gold commissioner may, upon application made to him, allow other free miners such rights of entry thereon as may be necessary for the working of their claims, upon such terms as may to him seem reasonable.

VI. DISPUTED TITLES:

33. Upon any dispute as to the title to a placer claim, no irregularity made prior to the date of the then current record or re-record of such claim shall affect the title thereto, and it shall be assumed that up to the date of such record or re-record the title to such claim was perfect: Provided, always, that it shall at all times be open to prove that the ground was improperly or insufficiently staked, or that the stakes have been illegally moved.

VII. TUNNEL AND DITCH RIGHTS:

34. Tunnels, shafts and ditches shall be considered as belonging to the placer claim for the use of which they are constructed, and as abandoned or forfeited by the abandonment or forfeiture of the claim itself.

35. In tunnelling under hills, on the frontage of which angles occur, or which may be of an oblong or elliptical form, no party shall be allowed to tunnel from any of the said angles, nor from either end of such hills, so as to interfere with parties tunnelling from the main frontage.

VIII. INTEREST IN CLAIM:

36. The interest of a free miner in his placer claim shall, save as to placer mines held as real estate, be deemed to be a chattel interest, equivalent to a lease, for such period as the same may have been recorded, renewable at the end thereof by re-recording, and subject to the conditions as to forfeiture, working, representation, re-recording, and otherwise, for the time being in force with respect to placer claims.

IX. VEINS OR LODES ON PLACER CLAIMS:

37. The holder of a placer claim shall have no right to any vein or lode, as defined by the "Mineral Act, 1891," within the limits of such placer claim, unless he shall have located and recorded the ground as a mineral claim; and until he shall so locate and record such ground, the same shall be open to any free miner to locate and record as a mineral claim.

X. REPRESENTATION:

38. Every placer claim as defined by this Act shall be represented and bona fide worked by the holder thereof, or by some person on his behalf, continuously, as nearly as practicable, during working hours, and shall be deemed to be abandoned and absolutely forfeited when the same shall have remained unworked on working days by the holder thereof, or some person on his behalf, for the period of seventy-two hours, except during the close season, some lay-over, or leave of absence, or during sickness, or for some other reasonable cause which shall be shown to the satisfaction of the gold commissioner.

XI. ABSENCE AND LAY-OVERS:

39. Every free miner, or company of free miners, shall be entitled to a leave of absence for one year from his or their placer claim or set of claims,—(a) Upon proving to the gold commissioner that he or they has or have expended on such claim, or on any portion of the set of claims, in cash, labor, or machinery, an amount equal to one thousand dollars on each full interest, without any return of gold or other minerals in reasonable quantities from such expenditure; and (b) upon the application for such leave being signed by all the holders of the claim or set of claims. Such leave of absence shall not be deemed to relieve the holder of such claim or set of claims from carrying out the provisions of this Act respecting free miner's certificates, records and re-records of such claims; nor shall this section affect the discretionary power of the gold commissioner with respect to granting a leave of absence under other conditions.

39A. The provisions of sections 39 and 42 of the said Act shall not apply to land or mining property held under mining leases, pursuant to Article XVIII, Section 112, et seqitur of this Act, but such leases shall in all matters be governed by the terms thereof.

40. Every forfeiture of a placer claim shall be absolute, any rule of law or equity to the contrary notwithstanding.

41. No placer claim located and recorded in any district within fourteen days before, or at any time during the close season, shall be deemed to be laid over, unless so much work shall have been bona fide done thereon by the holder thereof as shall, in the opinion of the gold commissioner, fairly entitle him to have such claim laid over.

42. Where the supply of water is insufficient to work hydraulic or other placer claims requiring water to enable them to be worked, such claims shall be laid over by virtue of this section during such insufficiency, but no longer, except by leave of the gold commissioner; but a notice of such insufficiency of water must be posted on the office of the mining recorder within three days from the cessation of work.

XII. TRANSFER OF CLAIMS:

43. Every bill of sale, conveyance, or mortgage of a placer claim, or of any fraction thereof, shall be recorded within the time prescribed for recording placer claims.

44. No transfer of any placer claim, or of any interest therein, shall be enforceable unless the same or some memorandum thereof shall be in writing, signed by the transferrer, or by his agent authorized in writing, and recorded.

45. The transfer of any real estate acquired under the provisions of the "Gold Mining Amendment Act, 1873," shall be in writing, signed by the transferrer or his agent authorized in writing, and attested by a subscribing witness.

XIII. TUNNELS AND DRAINS:

46. Any free miner requiring to run or construct a tunnel or drain in connection with his claim through any occupied or unoccupied lands (whether mineral or not) shall obtain a license from the gold commissioner for that purpose, which license shall be granted or withheld in the absolute discretion of such gold commissioner; and shall also give such security to the gold commissioner for any damage that may be caused by such tunnel or drain as such gold commissioner may require. Such license shall be subject to such terms and conditions as the gold commissioner shall think fit, and shall be recorded.

47. A tunnel or drain shall be considered as part of the placer claim, or mine held as real estate, for which the same was constructed.

48. Any free miner may apply to the gold commissioner for a grant of right of way and entry through and upon any mining ground in his district, for the purpose of constructing a drain for public drainage of mines.

49. The application for every such grant shall be in writing, and shall set out the name of each applicant, the nature and extent of the proposed drain, the amount of toll to be charged, the term of years for which such grant is to be made, and all other privileges, sought to be acquired. The application shall be left at the mining recorder's office addressed to the gold commissioner. A notice of such application setting out the above particulars, shall be posted on the office of the mining recorder and on the ground for thirty clear days before such grant shall be made.

50. The applicant for every such grant shall deposit with the mining recorder, at the time of the leaving of his application as aforesaid, twenty-five dollars, which shall be refunded in case the application shall be refused.

51. Such grants shall be in writing and signed by the gold commissioner, and shall not be given for a longer period than twenty years, and shall give such rights of way and entry and such powers to assess, levy, and collect tolls from all persons using such drain, or benefited thereby, as the gold commissioner shall think fit, but not in any case to exceed the term, rights, or powers set out in the application.

52. The following covenants and conditions on the part of the grantee and his assigns shall be deemed to be part of every grant, whether expressed therein or not: (a) That he shall construct a drain or drains of sufficient size to meet all requirements within the time therein named: (b) That he shall keep the same in thorough working order and repair, and free from all obstructions, and in default thereof that the gold commissioner may order all necessary alterations or repairs to be made by any free miners, other than the grantee or his assigns, at the cost and expense of the latter; such cost and expense to be levied by sale (subject, however, to the conditions of the grant) of all or any part of the drainage works, materials, and tolls, or any of them: (c) That he shall, within a reasonable time, construct proper tap-drains from or into any adjacent claims, upon being requested in writing by the holders thereof so to do; and if such grantee shall fail to commence the construction of any such tap-drains for five days after receipt of such request, or after making such commencement shall for three days fail to proceed with such construction, he shall permit such holders to construct such tap-drains, in which case such holders shall only be chargeable with one-half the specified rates of toll or such other proportion as the gold commissioner may direct: (d) That he will not, in the construction and maintenance of such drains and tap-drains, in any way injure the property of others, and that he shall make good any damage done by him.

53. Every such grant shall be recorded and the deposited sum of twenty-five dollars shall be retained as a recording fee. A rent of twenty-five dollars for each quarter of a mile and each fraction thereof shall be paid annually to the mining recorder by the grantee; such rent to commence from the date of the grant.

XIV. WATER RIGHTS:

54. Every free miner shall be entitled to the use of so much of the water naturally flowing through or past his placer claim, and not already lawfully appropriated, as shall, in the opinion of the gold commissioner, be necessary for the due working thereof.

55. A free miner may, at the discretion of the gold commissioner, obtain a grant to a water right in any unappropriated water, for any placer mining purpose, for any term not exceeding ten years, upon such terms and conditions as such gold commissioner shall think fit; but no free miner shall be charged any money rental for any such water used by him for mining purposes on his own mining claim.

56. [See Sec. 61, Art. XXIII, "Mineral Act, 1891," preceding; the specified notice, however, being twenty days in the case of placer mines; and reading "placer" for mineral in said section.]

57. The grant of such water right shall be recorded in the office of the mining recorder, within the time limited for the recording of placer claims, and shall during each year of the continuance of the grant, and whilst it shall be in operation, be re-recorded as in the case of a placer claim.

58. No grant shall take effect until recorded.

59. No free miner shall be entitled to a grant of the water of any stream for the purpose of selling the water to claim-holders on any part of such stream. The gold commissioner may, however, grant such privileges as he may deem just, when such water is intended to work bench or hill claims fronting on any such stream; provided, that the rights of free miners then using the water be protected.

60. The owner of any water right may distribute the water to such free miners and on such terms as he may deem advisable, within the limits mentioned in his grant: Provided, always that such owner shall be bound to supply water to all applicants, being free miners, in a fair proportion, and shall not demand more from one than another, except where the difficulty of supply is enhanced.

61. If, after the grant has been made, any free miner or free miners locate and bona fide work any placer claim below the ditch head, on any stream so diverted, he or they shall collectively be entitled to forty inches of water if two hundred inches be diverted, and sixty inches if three hundred inches be diverted, and no more, except upon paying to the grantee compensation equal to the amount of damage sustained by the grantee on account of the diversion of such extra quantity of water; and, in computing such damage, the expense of the construction of the ditch shall be considered.

62, 63, 64, 65. [Secs. 63 to 66, Art. XXIII, "Mineral Act, 1891," preceding; substituting word "placer" for "mineral" therein.]

66. [Sec. 68, Art. XXIII, "Mineral Act, 1891," preceding; limit of time, however, being in the case of placer mines, thirty days.]

67 to 78. [Secs. 69 to 80, Art. XXIII, "Mineral Act, 1891," preceding.]

XV. MINING PARTNERSHIPS:

79, 80, 81. [Secs. 81 to 83, "Mineral Act, 1891," preceding.]

82. Mining partnerships can locate and record in the partnership name a placer claim for each partner who is a free miner. Such partnership claims may be located and recorded as a set of claims, and each such claim shall be staked as an ordinary placer claim. One stake on each such claim shall be marked as an initial stake, by writing thereon the words "Initial post." It shall not be requisite to post more than one location notice on each set of claims, which notice shall be on the first initial post.

83. A set of claims may be recorded in one record. The name of every partner, and the number of every partner's free miner's certificate, shall be on the record of every such set of claims. The partnership name shall appear on every such record, and all claims so taken up shall be the property of the partnership.

84, 85, 86. [Sections 86 to 88, "Mineral Act, 1891," preceding.]

87. [Section 89, Mineral Act, preceding; but in case of placer mines, "ten" and "thirty" are in their order substituted for "thirty" and "sixty" in specifying number of days' notice that must be given.]

88, 89, 90. [Correspond to Sections 90, 92, 93, "Mineral Act, 1891."]

XVI. LIMITED LIABILITY:

91 to 99. [Correspond to Sections 94 to 102, under same caption in Mineral Act preceding.]

XVII. BED-ROCK FLUMES:

100. One or more free miners may apply to the gold commissioner for a grant of exclusive rights of way through and entry upon any mining ground in his district, for th purpose of constructing, laying and maintaining a bed rock flume.

101. Every such application shall be in writing, and sha be left at the mining recorder's office, addressed to th gold commissioner, and shall state the name of the ap plicant and the nature and extent of the privileges sough to be acquired. Thirty days' notice of such applicatio shall be given, by affixing the same to some conspicuou part of the ground through which the rights of way ar asked, and a copy thereof upon the walls of the cour house or of the office of the mining recorder of the dis trict. Prior to such application, such ground shall b marked out by legal posts, placed at intervals of on hundred and fifty feet along the proposed main line o course of the flume, with a notice of such applicatio affixed to one of such posts. And it shall be competen for any free miner to protest before the gold commis sioner within such thirty days against such applicatio being granted, but not afterwards. Every applicatio for a grant shall be accompanied by a deposit of on hundred and twenty-five dollars, to be left with th mining recorder, which shall be refunded if the applica tion be refused, but not otherwise.

102. Every such grant shall be in writing, signed by th gold commissioner, and shall be for a term not exceedin five years.

103. The grantee shall be entitled to the following right and privileges, that is to say: (a) The right of wa through and entry upon any new and unworked rive creek, gulch, or ravine, and the exclusive right to locat and work a strip of ground one hundred feet wide an two hundred feet long in the bed thereof to each grante named in such grant: (b) The right of way through an entry upon any river, creek, gulch, or ravine, worked b miners for any period longer than two years prior t such entry, and already wholly or partially abandone and the exclusive right to stake out and work both th unworked and abandoned portions thereof, one hundre feet in width, and one-quarter mile in length, for eac grantee named in such grant: (c) Such right of wa through and entry upon any river, creek, or ravine dis covered within two years next preceding the date of hi application before mentioned, and upon any portions c which any free miner is legally holding and bona fid working a claim, as to the gold commissioner may see advisable: (d) The right of way through and entry upo all placer claims which are at the time of the notice c application before mentioned bona fide being worked b any free miner, for the purpose of cutting a channel an laying his flume therein, with such reasonable space fo constructing, maintaining, and repairing the flume as ma be necessary: Provided, that the owner of such last mentioned placer claim shall be entitled to take and re ceive the gold or other minerals found in the cut s made: (e) The use of so much of the unappropriate water of the stream on which the flumes may be locate and of other adjacent streams, as may be necessary fo the use of the grantee's flumes, hydraulic power, an machinery to carry on his mining operations, and th right of way for ditches and flumes to convey the nece sary water to his works, subject to the payment of an damage which may be done to other parties by runnin such ditches or flumes through or over their groun (f) The right to all the gold or other minerals in hi flumes. (g) No person locating new and unworked c abandoned ground within the limits of such grant, afte the notice above mentioned has been given, shall hav any right or title as against such grantee to the groun so located:

104. A holder of a placer claim through which th line of the grantee's flume is to run may put in a bed rock flume in his claim to connect with the grantee flume, upon giving the grantee ten days' notice in writin to that effect; but he shall maintain the like grade an build his flume as thoroughly and of as strong materia as are used by such grantee.

105. A claim-holder constructing such flume throug his claim shall keep his flume free from obstruction, an he shall be entitled to all the gold or other minerals foun therein, but he shall be subject to the same regulation with regard to cleaning up the flume, repairs, and othe matters in which both parties are interested, as may b adopted by such grantee; and such claim-holder sha have the right at any time before the abandonment of h claim to become a partner of the grantee, by uniting hi claim and flume with the ground and flume of the grante and taking an interest proportionate to that which h shall cede to the grantee; or he may abandon his clai and flume, and such abandonment shall enure to the us and benefit of the grantee.

106. The grantee shall lay at least one hundred feet c flume during the first year of such grant, and three hun dred feet annually thereafter, until completion of th flume; but the amount of flume to be laid may be re duced at the discretion of the gold commissioner.

107. Any free miner lawfully working any claim wher a bed-rock flume exists shall be entitled to tail his sluice hydraulics, and ground-sluices into such flume, but s as not to obstruct the free working of such flume by rock stones, boulders, or otherwise.

recorder within three days after obtaining the same, and pay for such record the fee provided in the schedule to this Act; and he shall also pay to the mining recorder annually a rent of twelve dollars and fifty cents for each quarter of a mile of right of way legally held under such grant.

109. The interest of the grantee in his grant, and in all flumes and fixtures connected therewith, shall be deemed to be a chattel interest equivalent to a lease for the term of such grant.

110. Upon the expiration of the grant for a bed-rock flume, it may be extended for any further term not exceeding five years for any one extension, at the discretion of the gold commissioner.

111. Any grant of a bed-rock flume shall be forfeited whenever the grantee shall fail to comply with the conditions thereof, or of this Act.

XVIII. LEASES:

112. A free miner desiring to obtain a lease of any placer mining ground shall mark out such ground by placing a legal post at each corner, and shall post a notice on the post nearest to the placer mining claims then being worked in the immediate locality, and also on the office of the mining recorder, which notice shall set out: 1. The name of each applicant: 2. The locality of the ground to be acquired: 3. The quantity of ground: 4. The terms for which such lease is to be applied for:

113. The free miner, after staking the ground and posting the notices as aforesaid, shall make an application in writing addressed to the gold commissioner, and leave the same at the office of the mining recorder, which application shall set out: 1. The name of each applicant: 2. The number of each applicant's free miner's certificate: 3. The locality of the ground: 4. The quantity of ground: 5. The terms of the lease desired: 6. The rent proposed to be paid:

114. On making such application the free miner shall deposit with the mining recorder for the use of the gold commissioner a plan of the ground, in duplicate. And every person making application for a lease of mining ground for any purpose under the provisions of this Act shall deposit the sum of twenty dollars with the gold commissioner at the time the application is made. If the application is granted the twenty dollars deposited shall be applied towards the payment of the first year's rent; and the balance of the first year's rent shall be paid by the applicant within sixty days after the gold commissioner gives him notice of the execution of the lease, which notice may be sent by letter to the applicant to his address; such address to be left with the gold commissioner when the application for the lease is made. If the application is not granted the twenty dollars deposited is to be returned to the applicant; but in case the applicant fails to perform his part in accordance with the application, then the twenty dollars deposited shall be forfeited to the Government, and his application shall be void.

115. Application shall not be made for a longer term than ten years, excepting for mining lands on or adjoining unworked or abandoned rivers or creeks, for hydraulic workings, for which mining lands application may be made for any term not exceeding twenty years.

116. Applications shall not be for greater than the following areas or distances: In dry diggings, ten acres: in bar diggings, half a mile in length along the high-water mark: In creek diggings on abandoned or unworked creeks, half a mile in length: In bench diggings, for hydraulic workings, eighty acres; but in such lands the length shall in no case exceed five hundred yards: Provided, always, that nothing in this section or the said Act, as amended, contained, shall be deemed to affect the right of any holder of a lease to a renewal thereof, if such holder has substantially made and performed upon the ground the labor, work and expenditure required by such lease as a condition of renewal thereof.

117. A lease shall not be granted for any mining ground any portion of which is actually occupied by free miners, unless with the consent of such occupiers; and no lease shall be granted for any mining ground which is, in the opinion of the gold commissioner, available for agricultural purposes.

118. The lease may be granted or refused in the discretion of the gold commissioner, who may modify the terms and conditions of any application, as he shall think fit.

119. Every application for a lease for a term exceeding five years, together with a plan of the ground and the gold commissioner's report, shall be forwarded to the Lieutenant-Governor, and no lease shall be granted on any such application without his sanction.

120. Every lease of mining ground shall be in writing signed by the gold commissioner and the lessee, and shall be in duplicate or triplicate, as the case may require, and one copy of every such lease shall, as soon as possible after it is issued, be transmitted by mail by the gold commissioner issuing the same, to be filed in the office of the mining recorder in the mining division of the district in which the land leased is situated.

121. Every lease shall provide for securing to the public reasonable rights of way and water, and shall contain a covenant by the lessee to mine the ground in a miner-like manner, and shall contain such covenants for the continuous working of such ground as the gold commissioner shall think reasonable, and shall reserve the right to free miners to enter on such ground and mine for veins or lodes, as defined by the "Mineral Act, 1891."

122. On the non-performance or non-observance of any covenant or condition in any lease, such lease shall be declared forfeited by the gold commissioner, subject to the approval of the minister of mines, unless good cause be shown to the contrary. After any such declaration of forfeiture, the land shall be open for location by any free miner. No lease, whether made before or after the passage of this Act, shall hereafter be declared forfeited, except in accordance with this section.

123. Leases shall be granted for placer mining only, and shall not be assigned or sub-let without the written consent of the gold commissioner.

XIX. HYDRAULIC AND DREDGE WORKINGS:

124. When any mining lands on or adjoining unworked or abandoned rivers or creeks are held under lease for hydraulic working, the lessee of such land shall be entitled to a grant from the gold commissioner of such quantity of unappropriated water, from any stream or lake, as may, in the opinion of the gold commissioner, be necessary to work the said mining land efficiently, and shall have the right of way through any mining ground for the purpose of constructing ditches and flumes to convey such water to the mining lands so held for hydraulic working, which grant shall be for the same term for which the mining land is leased. Whenever such mining lands shall have been efficiently worked as required by the conditions of the lease, to the satisfaction of the gold commissioner, and if at the expiration of the lease a portion of said lands remains still to be worked, the lessee shall be entitled to an extension of the lease and grant, upon the same conditions as the original lease and grant for such reasonable time as will enable him to work out such portion of said lands as still remain unworked, and the gold commissioner may grant such extension by memorandum endorsed on the lease: Provided, that whenever the mining lands so held under lease have been forfeited, abandoned, or worked out, or the occasion for the use of the water upon such mining lands shall have permanently ceased, the grant of such water shall terminate. But in any case where the ditch or flume constructed for conveying such water shall have a carrying capacity of not less than five hundred inches, and shall have cost not less than five thousand dollars, such ditch or flume shall remain the property of the owner thereof.

125. Every grant, and every extension of a grant, of a water right for mining lands leased for hydraulic working shall be recorded, but it shall not be necessary to record such grants of extension annually.

126. It shall be lawful for the gold commissioner, with the sanction of the Lieutenant-Governor-in-Council, to grant a lease for any term, not exceeding twenty years, of the bed of any river below low water mark for dredging purposes, for a distance not exceeding five miles, upon such terms as he shall think fit: Provided, always, that every such lease shall reserve the right to every free miner or mining company to run tailings into such river at any point thereon, also to mine two feet below the surface of the water at low water mark, by putting in wing-dams, whether such free miner shall locate before or after the date of such lease; and it shall be lawful for the holder or holders of any lease or leases, whether granted before or after the passing of this Act, engaged in dredging for gold in any such river, at the time when they may be engaged in dredging, to cut into any bar, bench, or old channel on any of the banks of such river on which they hold leases, or mine in any bench or bank thereof during high or low water, provided the same ground is not leased under the "Placer Mining Act, 1891," and amending Acts, or any other Act, or is not at such time being worked by free miners, the right being always reserved to free miners to construct wing-dams as far as may be desired into any of such bars, banks or benches for the purpose of conducting mining operations, either by sluice or rocker, and parties holding such dredging leases shall not in any manner interfere with any free miner or stop him from working any part of said river or benches, otherwise than by dredging, of which the holders of such leases shall have the full right.

126A. It shall not be lawful for any free miner to construct wing-dams within one thousand feet of any dredger while working, nor to obstruct any dredger in any manner.

XX. MINING RECORDERS:

[Articles XXIV, XXV, Sections 104 to 128, "Mineral Act, 1891," preceding.]

XXI. GOLD COMMISSIONER'S POWERS:

[151, et sequitur, defining and limiting powers of gold commissioner, omitted as being of official interest only.]

XXII. ADMINISTRATION MINERS' ESTATES:

154. The gold commissioner shall take possession of the mining property of any deceased free miner, and may

cause such mining property to be duly worked, or dispense therewith at his option.

155. [Section 148, "Mineral Act, 1891," preceding.]

XXIII. JURISDICTION OF COUNTY COURTS IN MINING DISTRICTS:

[Section 149, et sequitur, "Mineral Act, 1891," preceding.]

XXIV. PENAL AND MISCELLANEOUS:

[Section 159, et sequitur, "Mineral Act, 1891," preceding.]

XXV. OTHER PROVISIONS:

Articles XXXII, Taxation of Mines; XXXIII, Mining Courts; XXXIV, Confirmation of Titles; XXXV, Execution, and XXXVI, Scale of Fees, of the "Mineral Act, 1891," preceding, apply equally to placer mines.

In both acts, "Mineral Act, 1891," and this present, it must be noted that coal mining is always clearly excepted from all provisions therein contained.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF CALIFORNIA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by BEN P. TABOR, Attorney-at-Law, Auburn, Placer Co., California.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments in the State may be certified by a justice or clerk of the Supreme Court, or by a Superior Court judge; in the county, city, or district for which appointed or elected, by a clerk of a court of record, a county recorder, court commissioner, notary public, or justice of the peace.

Out of the State, but in the United States, by a justice, judge or clerk of any court of record of any state, by a commissioner of deeds appointed by the Governor of this State, by a notary public, or any other officer of the state where the acknowledgment is made, authorized by its laws to take such proof or acknowledgment.

In a foreign country, by a minister, commissioner, or charge d'affaires of the United States, resident and accredited in the country where proof of the acknowledgment is made; or by a consul, vice-consul, or consular agent of the United States accredited to the country where acknowledgment is made; or by a judge of a court of record of such country; or by a commissioner appointed by the Governor of this State pursuant to special statutes; or by a notary public. When any officer above mentioned is by law authorized to appoint a deputy, the acknowledgment may be taken by said deputy in the name of the principal.

The signature of the officer with his official designation affixed thereto, and the impression of his official seal, if by law he is required to keep a seal, must follow the certificate.

The acknowledgment of a married woman is certified in the same manner as if she were single.

II. ALIENS:

By a late constitutional amendment, aliens are prohibited from acquiring real property in this State in the future, and the Legislature is authorized by statute to provide for the disposition of real estate hereafter acquired by such aliens by descent or devise. The Legislature has taken no step in this direction. The provision is, apparently, not self-operative, and reads as follows: "Sec. 17: Foreigners of the white race, or of African descent, eligible to become citizens of the United States under the naturalization laws thereof, while bona fide residents of this State shall have the same rights in respect to the acquisition, possession, enjoyment, transmission, and inheritance of all property other than real estate, as native-born citizens; provided, that such aliens owning real estate at the time of the adoption of this amendment may remain such owners; and provided, further, that the Legislature may, by statute, provide for the disposition of real estate which shall hereafter be acquired by such aliens by descent or devise."

III. ASSIGNMENTS:

The Insolvent Act of 1895 closely follows the former United States Bankrupt Law, and is very full and complete in its provisions and generous in its exemptions for the insolvent's benefit. Any insolvent owing three hundred dollars or over may take advantage thereof.

Assignments may likewise be made to the sheriff in trust for the pro rata payment of creditors, who may select an assignee to act in lieu of sheriff.

The form of assignment, the schedules and affidavits that shall accompany the same, and the method of procedure are minutely provided for. Such assignments are made subject to the law of trusts and fraudulent transfers. Unless the provisions of the law are strictly complied with such assignment is void as to all creditors who have not assented thereto.

No creditor can be preferred in case of general assignment, but otherwise one creditor may be paid or given security in preference to another. A debtor is insolvent when unable to pay his debts, from his own means, as they become due.

IV. ATTACHMENTS:

May be issued by justice of the peace where sum claimed does not exceed three hundred dollars, and by clerk of Superior Court in other cases. In the former case an undertaking in not less than fifty dollars or more than three hundred dollars, with two sureties; and in the latter, in such sum as the clerk shall require, not less than two hundred dollars, must be filed, together with an affidavit by or on behalf of the plaintiff to the effect that the defendant is indebted to the plaintiff in a specified sum upon a contract, either express or implied, for the payment of money, and that such contract was made or is payable in this State, is unsecured by lien or mortgage; or, if so secured, that such security, without fault of plaintiff, has become valueless; or, that the defendant is a non-resident of the State. In all cases the affidavit must state that the action is not brought to hinder, delay, or defraud creditors.

V. CLAIMS AGAINST ESTATES:

Executors and administrators are required, immediately after appointment, to publish in a newspaper in the county where letters are issued, a notice to the creditors of deceased, requiring claims, verified by claimant or agent, and accompanied by vouchers, to be presented to him at the place designated in the notice within a specified time, which, in estates inventoried at ten thousand dollars or less is four months; in estates exceeding that amount, ten months. Any claim not presented within the prescribed time is forever barred; provided, that a claimant who by affidavit satisfies the court, or a judge thereof, that he had no notice by reason of being out of the State, may present his claim at any time before decree of distribution is entered. Allowed claims bear interest at seven per cent. from date of allowance.

A claim not acted upon by executor or administrator within ten days after presentation may be considered as

rejected, and suit may be brought thereon. Suit must be brought within three months after rejection, upon claims that are due; and within two months after maturity upon claims not due; otherwise they are forever barred. No claims barred by statute can be allowed. No suit can be brought upon claim unless first presented to executor or administrator, except to enforce a mortgage or lien against the property of the estate, where recourse against other property is expressly waived in the complaint. Time during which vacancy in administration exists is not to be counted in any period of limitation.

Debts must be paid in the following order: 1. Funeral expenses. 2. Expenses of last sickness. 3. Debts having preference by the laws of the United States. 4. Judgments rendered against the decedent in his lifetime, and mortgages in the order of their date. 5. All other demands against the estate. But in case of the death of an employer, the wages of each miner, mechanic, salesman, clerk, servant, and laborer, for services rendered within sixty days before death, not exceeding one hundred dollars, rank next after funeral expenses, expenses of last sickness, charges and expenses of administration, and allowance to the widow and infant children.

When the inventory of the estate of a decedent discloses that his estate consists of any mine or interest in a mine, the same may be sold as follows: The executor or administrator, or any heir or creditor, or any partner or member of any mining company, may file in the court having jurisdiction a petition in writing, setting forth the facts of the estate being then in due course of administration, and particularly describing the mine or shares which it is desired to sell, and condition and situation of the mine, interests, or of the mining company, and the grounds upon which the sale is asked. The court must make an order directing all persons interested to appear before such court, at a certain time and place, not less than four or more than ten weeks from the time of the order, to show cause why the order should not be granted. A copy of the order to show cause must be personally served on all persons interested in the estate, at least ten days before the time appointed for hearing the petition, or published at least four successive weeks in such newspapers as the court or judge shall specify. If all persons interested signify their assent to the sale, the notice may be dispensed with. If at the hearing the court is satisfied that it is to the interest of the estate, or of the mining partners, or tenants in common, the court may make an order for the sale. After the order is made, all further proceedings for the sale, and for the notice, report and confirmation thereof, must be in accordance with the provisions regarding the sale of real estate belonging to decedents.

VI. COURTS:

Superior Courts with from one to twelve judges are courts of record and have nisi prius jurisdiction of all cases in law or equity above the jurisdiction of the Justice Courts, and appellate jurisdiction of all cases begun in the Justice Courts. From suits commenced in the Superior Court appeals lie to the Supreme Court, which has, likewise, original jurisdiction in habeas corpus, certiorari, mandamus and prohibition. Superior and Justice Courts are always in session and have no special terms.

The Supreme Court holds six terms each year: two at San Francisco, two at Los Angeles and two at Sacramento. A Supreme Court Commission, which consists of three members, sits at San Francisco, and, practically, decides a large proportion of the appellate cases, the court adopting the opinion of the commission, and directing judgment in accordance therewith.

Township justices of the peace have civil jurisdiction: of all actions on contract for the recovery of money only if the sum claimed, exclusive of interest, does not amount to three hundred dollars. In actions for injuries to person, or for taking, detaining, or injuring personal property, or for the injury to real property where title or right of possession of such real property is not put in issue by verified answer and damage claimed does not amount to three hundred dollars. In actions to recover personal property where value does not amount to three hundred dollars. In actions for a fine, penalty or forfeiture not amounting to three hundred dollars, given by statute, or ordinance, where legality of tax, import, assessment, toll or municipal fine is not at issue. In actions upon bonds or undertakings conditioned for the payment of money, if the sum claimed does not exceed three hundred dollars, although the penalty may exceed that sum. To take and enter judgment for the recovery of money on the confession of the defendant, when the amount confessed, exclusive of interest, does not exceed three hundred dollars; and, concurrently, with the Superior Courts, in actions of forcible entry and detainer when rental value does not exceed twenty-five dollars per month, and amount claimed does not exceed three hundred dollars; and in actions to enforce and foreclose liens on personal property when neither the amount of the lien nor the value of the property amounts to three hundred dollars. In cities of one hundred thousand and over the Justice Court has the same jurisdiction as do township justices, but there are five justices, a clerk, and two deputies.

VII. FEES:

Acknowledgment before notary public; first two signatures	$ 1.00
Each additional signature	.50
Acknowledgment before justice; first name	.50
Each additional name	.25
Acknowledgment before clerk of court; each deed or other instrument	.50
Attachment	1.00
Fees in Superior and Justice Courts the same.	
Appeal. To Superior Court, same fees as original case, and to Justice Court for transcript	3.00
To Supreme Court	10.00
Commencement of suit in Justice Court	2.00
For trial and judgment	3.00
Commencement of suit in court of record	5.00
Incorporation: to county clerk, for filing and indexing	1.00
To Secretary of State	5.00
Mandamus: same as other proceedings in Superior Court.	
Probate: each estate	5.00
Each $1,000 shown by inventory over $3,000	1.00
Protest. Drawing, and copy same	2.00
Each notice	1.00
Recorder: Recording	1.00
Each name, indexing	.10
Each folio	.10
Sheriff: per mile, rail, 15c; otherwise, 25c, and, for attachment	1.00
Summons, each copy, 10c per folio, and	.50
Transcription: per folio	.10
Certificate	.50
Witness. In Superior Court civil cases, 10c per mile, and per day	2.00
Justice Court, civil cases, 10c per mile, and per day.	1.00

VIII. DEEDS:

Real estate, or interests therein other than an estate at will or for a term not exceeding one year, can be transferred only by operation of law, or by an instrument in writing, signed by the party or his agent thereunto authorized in writing. No particular form is necessary. No witnesses are required. No acknowledgment is necessary to the validity of such conveyance as between the parties, but to make such conveyance constructive notice, it must be acknowledged and recorded in the county where the real estate is situated. Such conveyance may be proved as any other written instrument, but a deed acknowledged in proper form may be introduced without further proof.

A husband may dispose of community property by his sole deed if for a valuable consideration, unless a homestead has been declared thereon, in which case the wife must join. A married woman may convey her separate property without the signature of her husband. Deeds to husband and wife constitute them tenants in common.

IX. DEPOSITIONS.

Depositions without the State must be taken upon written interrogations settled by the court or judge, upon commission issued under order and over seal of court, upon motion of either party, upon five days' notice to opposite party, at any time after service of summons, or the appearance of defendant; in a special proceeding, at any time after a question of fact has arisen therein. If within the United States the commission may be directed to any person agreed upon by the parties, or, if they do not agree, to any judge or justice of the peace, or commissioner, selected by the judge issuing it.

If out of the United States, it may be directed to a minister, ambassador, consul, vice-consul or consular agent of the United States in such country, or to any person agreed upon by the parties. The commissioner has power to administer the oath to the witness, take his deposition by question and answer, if without interrogatories in respect to the question in dispute, and to certify the deposition to the court, in a sealed envelope, directed to the clerk or other person designated or agreed upon, and forward it to him by mail or other usual channel of conveyance. If the court issuing the commission be a Justice Court there must be attached thereto the certificate of the county clerk that the person issuing such commission is such justice.

Within the State the deposition of a witness may be taken at any time after service of summons or appearance of the defendant, or in a special proceeding, after issue of fact has arisen, in the following cases: 1. When witness is a party, or officer of a corporation that is a party, or a person for whose immediate benefit the action or proceeding is prosecuted or defended. 2. When the witness resides out of the county in which his evidence is to be used. 3. When the witness is about to leave the county where the action is to be tried, and will probably continue absent when the testimony is required. 4. When witness, otherwise liable to attend, is too infirm to do so. 5. When testimony is required upon a motion, or any other case when the oral examination of the witness is not required. 6. When the witness is the only one who can establish facts or a fact material to the issue.

Such deposition may be taken before any judge or

officer authorized to administer oaths, by serving upon the adverse party a notice of the time and place of taking the same, and an affidavit showing the case to be a proper one; said notice to be served at least five days before the time fixed for the taking of such deposition, and one day additional for each twenty-five miles of distance between the place where said deposition is to be taken, and the place where the notice is served.

X. DESCENT:

Real and personal property of intestates passes to heirs subject to the control of the Superior Court and of the administrator appointed by that court for the purposes of administration.

The succession is as follows: 1. If decedent leaves husband or wife and one child, or lawful issue of one child, in equal shares to such husband or wife and child, or issue of such child. 2. If more than one child, or the issue of more than one child, one-third to husband or wife and the remainder in equal shares to the children and the issue of deceased children, by right of representation; but if no child of decedent be living at time of his death, remainder goes to all of his lineal descendants; and if all the descendants are in the same degree of kindred to the decedent, they share equally; otherwise, they take according to right of representation. 3. If the decedent left no husband or wife, but issue, the whole estate goes to issue; and if such issue consists of one living child and the issue of dead children, the estate goes in equal shares to children and the issue of dead children by right of representation. 4. If decedent leaves no issue, one-half goes to husband or wife, and remainder to father and mother of decedent, or if either be dead, the entire half to the survivor; if there be neither father nor mother, their half goes to brothers or sisters and issue of deceased brothers and sisters by right of representation. 5. If neither husband, wife, father nor mother be left, then to brothers and sisters and issue of deceased brothers and sisters by right of representation. 6. If husband or wife be left, but neither father, mother, sister, brother, nor issue, the whole estate goes to the surviving husband or wife. 7. If neither issue, husband, wife, father, mother, brother, nor sister, be left, to the next of kin in equal degree, excepting that when there are two or more collateral kindred in equal degree, but claiming through different ancestors, those who claim through the nearest ancestors must be preferred. 8. If decedent leave several children, or one child and the issue of one or more children, and any such surviving child dies under age, and not having been married, all the estate that came to the deceased child by inheritance from such decedent descends in equal shares to the other children of the same parent; and to the issue of any such other children who are dead, by right of representation. 9. If at the death of such child, who dies under age, and not having been married, all the other children of his parents are also dead, and any of them have left issue, the estate that came to such child by inheritance from his parents descends to the issue of all other children of the same parent; and if all issue are in the same degree of kindred to the child, they share the estate equally, otherwise they take according to the right of representation. 10. If the decedent be a widow or widower, and leave no kindred, and the estate or any portion of it was common property of such decedent, and his or her deceased spouse, while such spouse was living, such common property shall go to the father of such deceased spouse, or if he be dead, to the mother. 11. If there be neither father nor mother, then to the brothers and sisters in equal shares and the issue of deceased brothers or sisters by right of representation. 12. If the decedent leave no husband, wife, or kindred, and there be no heirs to take his estate, the same escheats to the State for the support of the common schools.

Dower and estate by curtesy are unknown to the law of the State.

One-half of the community property (that acquired otherwise than by gift, descent, devise or bequest, during the existence of the marriage relation) vests absolutely in the surviving spouse and is not subject to distribution.

XI. EMINENT DOMAIN:

The right of eminent domain may be exercised in behalf of the following public uses: Wharves, docks, piers, chutes, booms, ferries, bridges, toll-roads, by-roads, plank and turnpike roads; steam, electric and horse railroads; canals, ditches, flumes, aqueducts and pipes for public transportation, supplying mines and farming neighborhoods with water, and draining and reclaiming lands, and for floating logs and lumber on streams not navigable; roads, tunnels, ditches, flumes, pipes and dumping places for working mines; also outlets, natural or otherwise, for the flow, deposit or conduct of tailings or refuse matter from mines; also an occupancy in common by the owners or possessors of different mines of any place for the flow, deposit or conduct of tailings or refuse matter from their several mines.

A fee simple is taken for public buildings or grounds, or for permanent buildings, for reservoirs and dams, and permanent flooding occasioned thereby, or for an outlet for a flow, or a place for the deposit of debris or tailings of a mine; an easement for any other use. By a statute continued in force an owner of a mine shall have a right of way for ingress and egress, for all necessary purposes, over and across the land or mining claims of others as follows: Whenever any mine shall be so situated that it cannot be conveniently worked without a road thereto, or a ditch to convey water thereto, or a ditch or cut to drain water from it, or without a flume or tunnel thereto, or a place whereon to dump or deposit tailings, and such road, ditch or drain or such flume or tunnel shall necessarily pass over, across or through or under, and such place of deposit be upon mining claims or other lands owned or occupied by others, then shall such first-mentioned owner be entitled to a right of way for such road, ditch, drain, flume or tunnel over, across or through or under or to such place of deposit upon such other mining claim or lands as follows:

Whenever the owner of any mine or claim shall desire to work the same, and it is necessary, to enable him to do so conveniently, that he should have a right of way for any of the purposes mentioned above, or that he should have a place for dumpage and deposit of tailings as mentioned above, and such right of way or place of deposit shall not have been acquired by agreement between him and the owner or occupant of the claim or land over, across, under or upon which he seeks to establish such right of way or place of deposit, then it shall be lawful for him to present to the court, or judge if the court be not in session, of the county where such claim is situated a petition, praying that such right of way or place of deposit be awarded to him, the petition to be on oath and to contain a particular description of the mine or claim of petitioner and of the claim or land to be affected by such right or privilege, with the name of the owner or occupant thereof, and to state that such right or privilege has not been acquired by private agreement between the respective parties, and to ask for the allowance thereof by the court or judge and the appointment of three commissioners to assess the damages. Upon the filing thereof citation to issue to show cause, which shall be served like a summons. After hearing the allegations and proofs, if the court or judge is satisfied of the truth of the petition, he shall make an order agreeably to the petition, and appoint three disinterested persons to assess the damages. The sworn commissioners shall proceed to examine the mine or claim of the petitioner, as well as the claim or land to be affected; may hear testimony relative to the damages, and report in writing, designating the course or line and dimensions of the road, ditch, drain, flume or tunnel, or the place of deposit prayed for, also the value of the lands to be appropriated for such right of way or place of deposit and the damages which each owner or occupant shall suffer. For cause shown the report may be set aside and a new commission appointed, which shall proceed as the first. If no motion to set aside the report, or if it be denied, the same shall be final. Upon payment of the damages, then petitioner shall be entitled to the right of way or place of deposit as designated by the report, and, upon making payment, may proceed to occupy the line, route, way or place of deposit and to erect such works and make such excavations as may be necessary for said use.

Whenever the owner of any claim is desirous, in working the same, to carry off the tailings and other refuse matter through and along any water-course, ravine or natural outlet, which in whole or in part is occupied by others for mining or other purposes, then said first owner may proceed as before stated to have such right or privilege awarded to him, provided said award or commission shall not be allowed, unless the court or judge is satisfied that the right can be enjoyed without special injury to those owning or occupying along or upon such water-course, ravine or outlet. All costs and expenses to be paid by the party applying.

XII. EXECUTIONS:

Execution may issue at any time within five years after rendition of judgment. No stay is granted as a matter of right, but in the discretion of the court, pending a motion for a new trial or appeal, a stay may be granted.

Real property sold under execution may be redeemed at any time within six months from the issuance of certificate of sale, by judgment debtor, his assignee, or a creditor having a lien by judgment or mortgage on the property sold, or some part of it subsequent to that on which the property was sold.

The redemptioner must pay the amount paid by the purchaser, with interest at the rate of two per cent per month from date of purchase, and any tax the purchaser may have paid upon the property after his purchase, with interest, and if the purchaser be also a creditor having a prior lien to that of the redemptioner, other than the judgment under which the property was sold, the amount of such lien with interest. Other redemptioners may within after sixty days after last redemption also redeem. If no redemption is made within six months a deed is executed to purchaser or his assignee.

Executions may be renewed from time to time as often as necessary, but unless renewed expire in sixty

days. When execution is returned unsatisfied in whole or in part another may issue.

XIII. EXEMPTIONS:

1. Chairs, tables, desks and books to the value of two hundred dollars. 2. Necessary household, table and kitchen furniture, wearing apparel, family portraits, etc., provisions actually provided for family use, sufficient for three months; three cows and sucking calves, four sows and sucking pigs, and food for same for one month. 3. Farming utensils or implements of husbandry; also two oxen, two horses or two mules and their harness, one cart or wagon, and food for animals for one month; seed provided for planting not exceeding in value two hundred dollars; seventy-five beehives, and one horse and wagon to any person maimed or crippled, when the same is necessary in his business. 4. Tools or implements of a mechanic or artisan necessary to carry on his trade. Professional library and instruments, etc. 5. The cabin or dwelling of a miner, not exceeding in value fifty dollars; his sluices, pipes, hose, windlass, derrick, cars, pumps, tools, implements and appliances necessary for carrying on any mining operations, not exceeding in value five hundred dollars; also two horses, two mules or two oxen and their harness, and food for such animals for one month, when necessary to be used in any whim, etc.; also, his mining claim actually worked by him, not exceeding in value the sum of one thousand dollars, and many other exemptions not above enumerated.

XIV. HOMESTEAD:

A homestead may be declared by the head of a family, or by the wife if the husband fails to do so, upon the dwelling-house and the premises upon which the same are situated, not exceeding in value five thousand dollars, actually used as a home at the time the declaration was made. A homestead may be declared under like conditions by one not the head of a family, not exceeding in value one thousand dollars.

Homesteads are exempt from forced sale and can be conveyed only by joint deed of husband and wife.

XV. INTEREST:

The legal rate of interest, when none is specified, is seven per cent. There are no usury laws.

XVI. JUDGMENTS:

Judgments by confession may be entered in compliance with the provisions of the Code. Judgments may also be entered upon default, or after trial of action. Judgments obtained in the Superior Court, docketed by the clerk, constitute a lien on real property in the county from the date of docketing. The lien continues for five years. A transcript of the original docket, certified by the clerk, may be filed with the recorder of any other county, and from the date of recording there, constitutes a lien on any land owned by the debtor in that county; and said lien continues for two years. An abstract of judgment of a justice court, filed with the recorder of the county where the judgment was rendered, constitutes a lien on the real property of the debtor in said county for two years.

An abstract of judgment of a Justice Court may be filed in the office of the county clerk of the county where rendered and judgment docketed in judgment docket of the Superior Court, and thereupon execution may issue thereon to the sheriff of any other county in the State.

Execution may issue upon any judgment at any time within five years from its rendition, provided the same be not satisfied or superseded by appeal bond.

XVII. LIENS:

Miners and persons and laborers of every class, performing labor upon or furnishing materials to be used in the construction, alteration, addition to or repair of any building, wharf, bridge, ditch, flume, aqueduct, tunnel, fence, machinery or other structure, have a lien upon the property for the value of such labor done and materials furnished; and any person who performs labor in any mining claim has a lien upon the same, and the works owned and used by the owners for reducing the ores from such mining claim, for the work done or materials furnished, whether done or furnished at the instance of the owner or his agent; and every contractor, sub-contractor, architect, builder or other person having charge of any mining or of the construction, alteration, addition to or repair of any building or other improvement is held to be the agent of the owner.

In case of a contract for the work, between the reputed owner and his contractor, the lien shall extend to the entire contract price, and such contract shall operate as a lien in favor of all persons, except the contractor, to the extent of the contract price, and after all such liens are satisfied then by a lien for any balance of the contract price in favor of the contractor. All such contracts shall be in writing when the amount to be paid exceeds one thousand dollars, and the contract, setting forth the names of all the parties thereto, a description of the property, the general character of the work to be done, the total amount to be paid and the amounts of the partial payments, when they become due and payable, shall before the work is commenced, be filed in the office of the county recorder of the county where the property is situated; otherwise the contract shall be void; and in such case the labor done and materials furnished by all persons except the contractor shall be deemed to be furnished at the personal instance of the owner, and they shall have a lien for the value thereof.

No part of the contract price shall be payable in advance, but the same shall be made payable in installments after the commencement of the work or on the completion of the whole work, provided that at least twenty-five per cent of the whole contract price shall be made payable at least thirty-five days after the final completion of the contract. No payment made prior to the time when the same is due shall be void for the purpose of defeating any lien in favor of any person except the contractor, but as to such liens such payments shall be deemed as if not made. As to all liens, except that of the contractor, the whole contract price shall be payable in money, and shall not be diminished by any prior or subsequent indebtedness in favor of the reputed owner and against the contractor. No alteration of such contract shall affect any lien acquired. In case such contracts and alterations do not conform to the above, the labor done and materials furnished by all persons except the contractor shall be deemed done and furnished at the request of the person who contracted with the contractor. And any of the persons mentioned, except the contractor, may at any time give to the reputed owner a written notice that they have performed labor or furnished materials to the contractor, or that they have agreed to do so, and the amount in value of what is already done or furnished, and of the whole agreed upon. The notice may be delivered to the owner, or be left at his residence or place of business with some person in charge, or delivered to his architects, or left at their residence or place of business with some person in charge, or be posted in a conspicuous place upon the mining claim or improvement. Upon such notice being given, it shall be the duty of the person who contracted with the contractor to withhold from his contractor, or from any other person acting under such reputed owner, and to whom, by said notice, said labor or materials, or both, have been furnished, or agreed to be furnished, sufficient money due or that may be due to the contractor, or other person, to answer such claim and any lien that may be filed therefor for record, including counsel fees not exceeding one hundred dollars in each case, and costs.

The liens provided for are preferred to any lien, mortgage or other incumbrance which may have attached subsequent to the time when the building or improvement was commenced, work done or materials were commenced to be furnished, also to any other lien or incumbrance of which the lien-holder had no notice, and which was unrecorded when the work was commenced or the materials were commenced to be furnished.

Every original contractor, within sixty days after the completion of his contract, and every person except him within thirty days after the completion of any building, improvement or structure, or after the completion of the alteration, addition to or repair thereof, or the performance of any labor in a mining claim, must file for record with the county recorder of the county in which such property or some part is situated a claim containing a statement of his demand, after deducting just credits and offsets, with the name of the owner or the reputed owner, if known, and also the name of the person by whom he was employed, or to whom he furnished the materials, with a statement of the terms, time given and conditions of his contract and also a description of the property to be charged with the lien, sufficient for identification, which claim must be verified by the oath of himself or some other person. Acceptance of the said improvement, or cessation from labor for thirty days upon any unfinished contract, shall be deemed equivalent to a completion. In every case in which one claim is filed against two or more buildings, mining claims or other improvements owned by the same person, the person filing such claim must, at the same time, designate the amount due him on each, otherwise the lien of such claim is postponed to other liens. The lien of such claimant does not extend beyond the amount designated, as against other creditors having liens by judgment, mortgage or otherwise, upon either of such buildings or other improvement, or upon the land upon which the same are situated.

No lien binds for a longer period than ninety days, unless proceedings be commenced within that time to enforce the same, or, if a credit be given, than ninety days after the expiration of such credit; but no lien continues in force for a longer time than two years from the time the work is completed, by any agreement to give credit.

Every improvement constructed upon any lands with the knowledge of the owner, or the person claiming any interest therein, shall be deemed to have been constructed at the instance of such owner or person, and the interest shall be subject to a lien filed as above, unless such owner or person shall, within three days after obtaining knowledge of the construction or intended construction, give notice that he will not be responsible for the same, by posting a notice in some conspicuous place upon said land, or improvement situated thereon.

The contractor shall be entitled to recover upon a lien filed by him so much as may be due him, after deducting all claims of other parties for work done and materials furnished; and in all cases where a lien shall be filed for work done or materials furnished to any contractor, he shall defend any action thereupon at his own expense; and during the pendency of such action, the owner may withhold from the contractor the amount of the lien; and in case of judgment against the owner or his property upon the lien, he shall be entitled to deduct from any amount due or to become due by him to the contractor the amount of such judgment and costs; and if the amount shall exceed the amount due by him to the contractor, or if the owner shall have settled with the contractor in full, he shall be entitled to recover back from the contractor any amount so paid by him in excess of the contract price.

Liens rank in the following order: 1. All persons performing manual labor; 2. Persons furnishing materials; 3. Sub-contractors; 4. Original contractors. And the proceeds of the sale must be applied to each lien or class of liens in the order of its rank; and wherever in the sale of the property there is a deficiency of proceeds, judgment may be docketed for the deficiency.

Any number of persons claiming liens may join in the same action, and when there are separate actions, the court may consolidate them. The court must allow as a part of the costs the money paid for filing and recording the lien, and reasonable attorney's fees in the Superior and Supreme Courts, such costs and attorney's fees to be allowed each lien claimant whose lien is established, whether he be plaintiff or defendant, or whether they all join in one action or separate actions are consolidated.

Whenever materials are furnished, such materials shall not be subject to attachment, execution or other legal process, to enforce any debt due by the purchaser, except a debt due for the purchase-money, so long as in good faith the same are about to be applied to the construction, alteration or repair of such building, mining claim or other improvement.

Nothing herein shall affect the right of any person to whom a debt may be due for work or materials to maintain a personal action to recover such debt against the person liable therefor.

Any person who willfully gives a false notice of his claims to the owner forfeits his lien. Any person who shall willfully include in his lien work or materials not done or furnished for the property described forfeits his lien. If the owner and contractor shall conspire to or agree that the written contract filed shall appear to show the contract price to be less than it really is, and it shall so show, then such contract is void; and in such case the labor done and materials furnished by all persons, except the contractor, shall be deemed to have been done and furnished at the instance of the owner.

Any bond which may be given by the contractor to the owner, for the faithful performance of his contract, shall be filed with the contract in the recorder's office, or be void, and shall inure to any person who performs labor for or furnishes materials to the contractor; and any such person shall have an action to recover upon said bond against the principal and sureties, or any or either of them, for the value of such labor and materials, not to exceed the amount of the bond, but such action shall not affect the liens, except that there shall be but one satisfaction. Nor shall any alteration in the contract, or deviation in the work or in the payments, release the sureties from their liability, except to the owner.

In all assignments by any person to trustees or assignees, on account of the inability of the person, at the time, to pay his debts, or in proceedings in insolvency, the wages of the miners, mechanics, salesmen, servants, clerks or laborers employed by such person, to the amount of one hundred dollars each, and for services rendered within sixty days previously, are preferred claims, and must be paid before any other creditor of the assignor. In case of death of any employer, the wages of each miner and other person above named, for services rendered within the sixty days next preceding the death, not exceeding one hundred dollars, rank in priority next after the funeral expenses, expenses of the last sickness, expenses of administration and the allowance to the widow and infant children, and must be paid before any other claims. In cases of execution, attachment and similar writs issued against any person, except for claims for labor done, any miners, mechanics, salesmen, servants, clerks and laborers, who have claims against the defendant for labor, may give notice of the claims and the amount thereof, sworn to by the claimant, to the creditor and the officer executing such writ, at any time before the actual sale of property levied on; and unless such claim is disputed by the debtor or a creditor, such officer must pay to such person, out of the proceeds of the sale, the amount each is entitled to for services rendered within the sixty days next preceding the levy, not exceeding one hundred dollars. If any or all of such claims are disputed, the person presenting the same must commence an action within ten days for the recovery thereof, and prosecute the same with due diligence, or be barred from any priority, and the officer shall retain sufficient from the proceeds of the sale to satisfy such claim until the determination of the action. The debtor or creditor intending to dispute shall within ten days after receiving such notice serve upon the claimant and the officer a statement in writing, sworn to by him, setting forth that no part of said claim, or not exceeding a specified sum, is due from the debtor to the claimant for services within the sixty days next preceding the levy of the writ. If the claimant fails to recover a sum exceeding what is admitted to be due, he shall not recover costs.

XVIII. LIMITATIONS:

On judgments, or for mesne profits of real estate, five years.

On contract, obligation, or liability founded upon an instrument in writing executed in this State, four years.

For liability created by statute, other than penalty or forfeiture, and trespass upon real property, action for taking, retaining, or injuring goods and chattels; action for specific recovery of personal property; actions for relief on ground of fraud or mistake, within three years.

Actions on contract, obligations, or liability not founded upon an instrument in writing, or upon instrument of writing executed out of the State; actions against officers upon liability incurred by doing act in official capacity, in virtue of office, or by omission of duty; and actions for damages for death by wrongful act or neglect of another, in two years.

Action for penalty or forfeiture, unless statute imposes different limitation; action upon a statute or undertaking, or upon an undertaking in a criminal action; action for libel, slander, assault, battery, false imprisonment, seduction, against the sheriff or other officer for an escape; and action against a municipal corporation for damages for injuries by mob or riot, within one year.

Actions against tax collectors to recover goods, wares or merchandise seized by such collector, or to recover value thereof, or damages for seizure, detention, sale or injury thereof, or to person or property in making seizure; actions to recover stock sold for delinquent assessments, and actions against county, or claims rejected by board of supervisors, within six months. All other actions within four years.

The time defendant is out of the State is deducted from period and not counted. The usual exceptions exist as to an infant, femme covert, insane person, and persons imprisoned upon criminal charges, or in execution of sentence for a term less than life.

XIX. MARRIED WOMEN:

May deal with separate property as if femme sole. May, by order of court, become sole trader. May in her own name maintain an action as to her separate property, or homestead. All property owned by her at time of marriage, and all acquired afterward by gift, devise, bequest or descent, is separate property. A deed to husband and wife constitutes them presumptively tenants in common. Property conveyed to a married woman by an instrument in writing is, presumptively, separate property. Where married women conveyed real property which they acquired prior to May 19, 1889, no suit can be maintained by husbands, heirs, or assigns, to show that the same was community property, or to recover such property.

The earnings of the wife are not liable for debts of the husband; and separate property of the wife is not liable for the husband's debts, but is for her own, whether contracted before or after marriage.

Where the husband has no means of support, and is from infirmity unable to care for himself, the wife's separate property is liable therefor, if the husband has not deserted her.

The husband has full power to dispose of community property, otherwise than by will, provided that he can not make a gift thereof, or convey the same without a valuable consideration, unless the wife in writing assent thereto.

XX. MORTGAGES:

May be made upon the several species of chattels enumerated in the code. The mortgage must be acknowledged in the same manner as conveyances of real estate are, and both mortgagor and mortgagee must subscribe to an oath attached thereto, that the mortgage is made in good faith, and not for the purpose of hindering, delaying or defrauding creditors.

Any interest or estate in real property may be conveyed by mortgage which is executed, certified and recorded in the same manner as are deeds. Except in case of homestead, wife need not join in mortgage of community property, nor of husband's separate property. A wife may mortgage her separate property. All conveyances, no matter what their form, given as security for the payment of debts, are mortgages. The mortgage conveys no interest in the property, and confers no right of possession, but the mortgagor may maintain injunction to prevent waste that will destroy security.

On foreclosure a reasonable attorney's fee is fixed by the court if the mortgage provides for it. A receiver may be appointed by the court upon application of plaintiff, pending decree. At sale under decree, any party to the suit may become a purchaser. Redemption may be

made within six months as in case of execution sales. A mortgage can not be renewed except by the same formalities necessary for its creation. Tacking is not recognized. Release may be by satisfaction piece acknowledged and recorded, or by an endorsement on the margin of the mortgage record, certified by the recorder.

XXI. NOTES AND BILLS:

Matters relating to endorsements, presentation, notice, protest, etc., are fixed by the civil code; and in the main are codifications of the common law. Days of grace are not allowed. Endorser must be notified of non-payment to hold him. Paper may be transferred after maturity, subject to all secret equities and offsets that may exist. A note falling due on a holiday is payable the day following. Holidays are every Sunday, January 1st, February 22d, May 30th, July 4th, September 9th, December 25th; every day of general election throughout the State; and every day appointed by the President of the United States or the Governor of the State, as a day of fast, thanksgiving or holiday.

XXII. SUITS:

There is but one form of civil action in the State.

XXIII. TAXES:

All property in the State on the first Monday of March is subject to taxation. Every matter or thing capable of private ownership is subject to taxation. Mortgages are taxed as an interest in land; and by constitutional provision mortgagee must pay the tax thereon.

All taxes on personal property and one-half the taxes on real property become delinquent on the last Monday in November, and five per cent is added thereto; and unless paid on the last Monday in April, five per cent additional. The remaining installment of taxes on real property becomes due on the first Monday in January, and delinquent the last Monday in April, and thereafter five per cent will be added thereto. Taxes on personal property not secured by lien on real estate are due immediately upon assessment, and the first installment on real property is due on the first Monday in October.

Within five days of the first Monday in June of each year the tax collector publishes a list of delinquent taxpayers, with a description of the property assessed and the amount due for taxes, costs, etc.; and after three publications thereof in a newspaper published in the county, and at a date in said notice specified, not less than twenty-one nor more than twenty-eight days from the date of the first publication, the land upon which taxes are then delinquent shall be declared by the tax collector, by an entry made upon the delinquent list, sold to the State.

The owner or any party in interest may at any time within five years, or at any time prior to the sale of said land by the State, redeem the property by paying to the county treasurer the amount due thereon at the date of the sale, with interest thereon at the rate of seven per centum per annum, with other provisions as to subsequent taxes, penalties, etc.

XXIV. WILLS:

Any person of sound mind, not under duress, menace, undue influence, etc., and above the age of eighteen years, may make a will. All wills except nuncupative wills must be in writing; and all written wills must be attested by two subscribing witnesses in whose presence said will must be declared and published, and who must sign in the presence of the testator and of each other. Gifts or devises to subscribing witnesses are void. An holographic will must be wholly written, dated and signed by the testator in his own handwriting. The use of a printed heading will vitiate it. Any child of the testator whose name is omitted from the will takes as by succession he would be entitled if no will existed. Wills made out of the State must conform to the provisions of the code, or they can not be probated. One in whose custody a will is left must file the same within thirty days after receiving notice of the death of the testator, with the Superior Court having jurisdiction, or deliver the same to the executor named therein. A will made before marriage or birth of issue is revoked by such marriage or birth, unless provision has been made by marriage settlement, or in the will for such contingency.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

Each stockholder of a corporation or joint-stock association shall be individually and personally liable for such proportion of all its debts and liabilities contracted or incurred during the time he was a stockholder as the amount of stock or shares owned by him bears to the whole of the subscribed capital stock or shares of the corporation or association. The directors or trustees of corporations and joint-stock associations shall be jointly and severally liable to the creditors and stockholders for all moneys embezzled or misappropriated by the officers of such corporation or joint-stock association during the term of such director or trustee.

No corporation shall engage in any business other than that expressly authorized in its charter or the law under which it may have been or may hereafter be organized; nor shall it hold for a longer period than five years any real estate, except such as may be necessary for carrying on its business.

No corporation shall issue stock or bonds, except for money paid, labor done or property actually received, and all fictitious increase of stock or indebtedness shall be void. The stock and bonded indebtedness of corporations shall not be increased except in pursuance of general law, nor without the consent of the persons holding the larger amount in value of the stock at a meeting called for that purpose, giving sixty days' public notice, as may be provided by law.

In all elections for directors or managers of corporations, every stockholder shall have the right to vote, in person or by proxy, the number of shares of stock owned by him, for as many persons as there are directors or managers to be elected, or to cumulate said shares and give one candidate as many votes as the number of directors multiplied by the number of his shares of stock shall equal, or to distribute them, on the same principle, among as many candidates as he shall think fit; and such directors or managers shall not be elected in any other manner, except that members of co-operative societies formed for agricultural, mercantile and manufacturing purposes may vote on all questions affecting such societies in manner prescribed by law. Every corporation, other than religious, educational or benevolent, organized or doing business in this State shall have and maintain an office or place in this State for the transaction of its business, where transfers of stock shall be made, and in which shall be kept for inspection, by every person having an interest therein, and legislative committees, books in which shall be recorded the amount of capital stock subscribed and by whom; the names of the owners of its stock, and the amounts owned by them respectively; the amount of stock paid in, and by whom; the transfers of stock; the amounts of its assets and liabilities, and the names and places of residence of its officers.

Corporations may be formed under general laws, but shall not be created by special act. All laws now in force in this State concerning corporations, and all laws that may be hereafter passed pursuant to this section, may be altered from time to time or repealed.

II. ORGANIZATION:

Private corporations may be formed by the voluntary association of five or more persons, a majority of whom must be residents, and for any purpose for which individuals may lawfully associate themselves.

Articles of incorporation must set forth: 1. The name of the incorporation. 2. The purpose for which it is formed. 3. The place where its principal business is to be transacted. 4. The term for which it is to exist, not exceeding fifty years. 5. The number of its directors or trustees, which shall not be less than five nor more than eleven, who must be members of the corporation, and the names and residences of those who are appointed for the first year. 6. The amount of the capital stock, and the number of shares into which it is divided. 7. If there is a capital stock, the amount actually subscribed, and by whom.

Upon filing the articles of incorporation in the office of the county clerk of the county in which the principal business of the company is to be transacted, and a copy thereof, certified by the county clerk, with the Secretary of State, with an affidavit of the president, secretary or treasurer named in the articles, that the required amount of capital stock has been actually subscribed, the Secretary of State must issue to the corporation a certificate that a copy of the articles containing the required statement of facts has been filed in his office, and thereupon the persons signing the articles, and their associates and successors, shall be a body politic and corporate. A copy of any articles so filed and certified by the Secretary of State must be received in all the courts and other places as prima facie evidence. A copy of the articles of incorporation, certified by the Secretary of State, must be filed in the office of the county clerk of each county in which the corporation holds property. In default so to do such corporation may not maintain or defend any suit in relation to such property or its rents, issues or profits.

III. POWERS:

The general powers are stated. If a corporation does not organize and commence the transaction of its business or the construction of its works within one year from the date of its incorporation, its corporate powers cease. No corporation shall issue stock or bonds except for money paid, labor done or property actually received, and all fictitious increase of stock or indebtedness is void. Every corporation may increase or diminish its capital stock, create or increase its bonded indebtedness in the manner stated. The capital stock cannot be diminished to an amount less than the indebtedness of the corporation. No corporation shall acquire or hold any more real prop-

erty than may be reasonably necessary for the transaction of its business, or the construction of its works, except as otherwise specially provided.

Provision is also made for amending the articles of incorporation, for keeping a record of all their business transactions, for keeping a journal of all meetings of directors or stockholders, also a stock and a transfer book, which are to be open to the inspection of any stockholder or creditor. The Legislature may at any time amend or repeal the above, and dissolve all corporations created thereunder, but such amendment or repeal does not, nor does the dissolution of any such corporation take away or impair any remedy given against any such corporation, its stockholders or officers, for any liability which has been previously incurred.

The dissolution of corporations is provided for, which may be either voluntary or involuntary. Unless other persons are appointed by the court, the directors or managers of the affairs of such corporations at the time of their dissolution are trustees of the creditors and stockholders, and have full power to settle the affairs of the corporations.

IV. BY-LAWS:

Every corporation formed as above must, within one month after filing articles of incorporation, adopt a code of by-laws for its government, not inconsistent with the constitution and laws of the State. The written consent of the holders of two-thirds of the stock shall be effectual to adopt a code of by-laws without a meeting for that purpose. A corporation may by its by-laws provide for: 1. The time, place and manner of calling and conducting its meetings, and may dispense with notice of all regular meetings of stockholders or directors. 2. The number of stockholders constituting a quorum. 3. The mode of voting by proxy. 4. The qualifications and duties of directors, the time of their annual election, and the mode and manner of giving notice thereof. 5. The compensation and duties of officers. 6. The manner of election and the tenure of office of all officers other than the directors. 7. Suitable penalties for violation of by-laws not exceeding, in any case, one hundred dollars for any one offense. The newspaper to be provided for, for publishing all notices of the meetings of stockhbiders or board of directors, notice of which is required to be published, must be some newspaper published in the county where the principal place of business is, or if none is published therein, then in a newspaper published in an adjoining county. When all the stockholders of a corporation are present at any meeting, however called or notified, and sign a written consent thereto on the record of such meeting, the doings of such meeting are valid. All by-laws must be certified by a majority of the directors and the secretary of the corporation, and copied in the "book of by-laws." The by-laws may be repealed or amended as prescribed.

V. ELECTIONS:

The directors of a corporation must be elected annually by the stockholders, and if no provision is made in the by-laws for the time of election, the election must be held on the first Tuesday in June. All elections must be by ballot, and every stockholder shall have the right to vote in person or by proxy for as many persons as there are directors to be elected, or to cumulate his shares and give one candidate as many votes as the number of directors multiplied by the number of his shares of stock shall equal, or to distribute them among as many candidates as he shall think fit. Immediately after their election, the directors must organize by the election of a president, who must be one of their number, a secretary and a treasurer. At all elections or votes had for any purpose there must be a majority of the subscribed capital stock, represented either in person or by proxy in writing.

VI. DIRECTORS:

A majority of the directors constitute a quorum, and every decision of a majority of a quorum is valid as a corporate act. The directors of corporations must not make dividends, except from the surplus profits, nor must they divide, withdraw or pay to the stockholders any part of the capital stock, nor must they create debts beyond the subscribed capital stock. For a violation of the above, the directors (except those who caused their dissent to be entered on the minutes, or who were not present) are in their individual and private capacity jointly and severally liable to the corporation, and to the creditors thereof, in the event of its dissolution, to the full amount of the capital stock so divided, withdrawn, paid out or reduced, or debt contracted, and no statute of limitations is a bar; provided, however, that where a corporation has been or may be formed for the purpose among other things of acquiring, holding and selling real estate, water and water-rights, the directors of such corporation may, with the consent of stockholders representing two-thirds of the capital stock, given at a meeting called for that purpose, divide among the stockholders the land, water or water-rights so by such corporation held, in the proportions to which their holdings of such stock at the time of such division would entitle them; all conveyances to be subject to the debts. Nothing shall prohibit a division and distribution of the capital stock which remains upon the payment of the debts, upon the dissolution of the corporation or the expiration of its term of existence.

VII. PLACE OF MEETINGS:

The meetings of the stockholders and board of directors of a corporation must be held at its office or principal place of business. Every corporation that has been or may be created may change its principal place of business from one place to another in the same county, or from one city or county to another city or county within the State. Before such change is made, consent in writing of holders of two-thirds of the capital stock must be filed in the office of the corporation, and when this is done, notice of the intended removal or change must be published for three succcessive weeks in some newspaper published in the county of the principal place of business, if there is one published therein; if not, in a newspaper of an adjoining county, giving the name of the county or city where it is situated, and to which it is intended to remove it. (See also statutes of 1863-64, page seventy-six, in respect to mining companies changing their principal place of business.)

VIII. LIABILITY OF STOCKHOLDERS:

Each stockholder of a corporation is individually and personally liable for such proportion of its debts and liabilities as the amount of stock or shares owned by him bears to the whole of the subscribed capital stock or shares of the corporation, and for a like proportion of each debt against the corporation. Any creditor may institute joint or several actions against any of its stockholders, for the proportion of his claim payable by each, the court to ascertain such proportion, and a several judgment must be rendered against each defendant, in conformity therewith. If any stockholder pays his proportion of any debt due from the corporation, incurred while he was such, he is relieved from any personal liability for such debt. The liability of each stockholder is determined by the amount of stock or shares owned by him at the time the debt or liability was incurred; and such liability is not released by any subsequent transfer of stock. But such liability being created by law is barred by the statute of limitations within three years from the creation of the original obligation. (Hunt vs. Ward, 99 Cal., 612). The liability of each stockholder of a corporation formed under the laws of any other state or territory, or of any foreign country, and doing business within this State, shall be the same as the liability of a stockholder of a corporation created in this State.

IX. TRANSFER OF SHARES:

Whenever the capital stock of any corporation is divided into shares, and certificates therefor are issued, such shares are personal property, and may be transferred by indorsement of the owner, or his attorney or legal representative, and delivery of the certificate; but such transfer is not valid, except between the parties thereto, until the same is so entered upon the books of the corporation, showing the names of the parties by and to whom transferred, the number or designation of the share, and the date of the transfer.

X. ASSESSMENT OF STOCK:

The directors of any corporation formed or existing under the laws of this State, after one-fourth of its capital stock has been subscribed, may, for the purpose of paying expenses, conducting business, or paying debts, levy and collect assessments upon the subscribed capital stock thereof. No one assessment must exceed ten per cent of the amount of capital stock named in the articles of incorporation except as follows: If the whole capital of a corporation has not been paid up, and the corporation is unable to meet its liabilities or to satisfy the claims of its creditors, the assessment may be for the full amount unpaid upon the capital stock, or for a less amount, if sufficient. No assessment must be levied while any portion of a previous one remains unpaid, except in certain cases specified. Every order levying an assessment must specify the amount thereof, when, to whom and where payable; fix a day on which the unpaid assessments shall be delinquent, not less than thirty nor more than sixty days from the time of making the order levying the assessment, and a day for the sale of delinquent stock, not less than fifteen nor more than sixty days from the day the stock is declared delinquent. Upon making the order, the secretary is to publish a notice thereof. The notice must be personally served upon each stockholder, or, in lieu of this, must be sent through the mail addressed to each stockholder at his place of residence if known, and be published once a week for four successive weeks at places stated. If any portion of assessment mentioned in the notice remains unpaid on the day specified therein for declaring the stock delinquent, the secretary, unless otherwise ordered by the directors, must publish in the same papers a notice, which must specify every certificate of stock, the number of shares it represents, and the amount due thereon, and when published in a daily paper must be published for ten

days, excluding Sundays and holidays, previous to the day of sale, and when published in a weekly must be published in each issue for two weeks previous to the day of sale. The first publication of all delinquent sales must be at least fifteen days prior to the day of sale. No more of stock must be sold than is necessary to pay the assessments due and costs of sale. The sale must be at public auction, to the highest bidder for cash. If payment is made before the time fixed for sale, the party paying is only required to pay the actual cost of advertising, in addition to the assessments. The person offering at such sale to pay the assessment and costs for the smallest number of shares or fraction of a share is the highest bidder, and the stock purchased must be transferred to him on the stock-books of the corporation, on payment. If no bidder offers the necessary amount, the same may be bid in by the corporation for the assessment, costs and charges, and entry of the transfer must be made on the books. While the stock remains the property of the corporation it is not assessable, nor must any dividend be declared thereon. The stock so purchased is subject to the control of the stockholders. No assessment is invalidated by a failure to make publication of the notices provided for. No action must be sustained to recover stock sold for delinquent assessments, upon the ground of irregularity in the assessment, irregularity or defect of the notice of sale, or defect or irregularity in the sale, unless the party seeking to maintain such action first pays or tenders to the corporation, or the party holding the stock sold, the sum for which the same was sold, together with all subsequent assessments paid thereon, with interest; and such action must be commenced by the filing of a complaint and the issuing of a summons within six months after such sale. At any time before the sale of delinquent stock, the board of directors may elect to waive further proceedings for the collection of delinquent assessments, and may elect to proceed by action to recover the amount of the assessment, costs and expenses.

XI. FOREIGN CORPORATIONS:

By a statute continued in force, a corporation created by the laws of any other state, and doing business here, shall, within sixty days from the time of commencing to do business in this State, designate some person in the county in which the principal place of business is, upon whom process may be served, and within the time aforesaid shall file such designation in the office of the Secretary of State, and a copy of such designation, duly certified by said officer, shall be evidence of such appointment, and it shall be lawful to serve on such person any process. Such service shall be made on such person in such manner as shall be prescribed in case of service to be made on foreign corporations. Where such designation is not made, process may be served on any person within this State acting as the agent of said corporation or doing business for them.

MINING.

I. MINING CORPORATIONS:

Any corporation organized in this State for the purpose of mining or carrying on mining operations in or without this State may establish and maintain agencies in other States of the United States for the transfer and issuing of their stock; and a transfer or issue of the same at any such transfer agency, in accordance with the provisions of its by-laws, is valid and binding as fully as if made on the books of such corporation at its principal office within this State. The agencies must be governed by the by-laws and the directors of the corporation, and all stock of any such corporation issued at a transfer agency must be signed by the president and secretary of the corporation, and countersigned at the time of its issue by the agent having charge of the transfer agency. No stock must be issued at a transfer agency unless the certificate of stock in lieu of which the same is issued is at the time surrendered for cancellation.

There is a statute continued in force in reference to corporations organized in this State for the purpose of mining out of this State, and whose business office is in this State, authorizing them to levy assessments upon the capital stock thereof to pay the debts of said corporation, or to carry on the business of said corporation, provided the same shall be equal and uniform, and at no time exceed five per cent of the capital stock.

II. CONSOLIDATION OF COMPANIES:

Two or more corporations formed under the laws of this State, for mining purposes, which own or possess mining claims or lands adjoining each other, or lying in the same vicinity, may consolidate their capital stock, rights, property, assets and franchises as may be agreed upon by the respective boards of directors, but such consolidation shall not take place without the written assent of the stockholders representing two-thirds of the capital stock, and shall not relieve the stockholders or the companies from any and all just liabilities, and in case of such consolidation, due notice shall be given by advertising for one month as prescribed. When the consolidation is complete, certificates are to be filed in the county clerk's office, and in the office of the Secretary of State, and after the notice is given as specified, a board of directors for the consolidated companies is to be chosen by the stockholders for the year thence ensuing.

III. BOOKS AND ACCOUNTS:

By a statute continued in force it is made the duty of the secretary of every mining corporation formed in this State to keep a complete set of books showing all receipts and expenditures, sources and objects, and all transfers of stock, during business hours, open to the inspection of any bona fide stockholder, who is entitled to be accompanied by an expert, who can make copies. It is the duty of directors, on the first Monday of each month, to make a balance sheet for the previous month, embracing a full statement of receipts and disbursements, showing sources of receipts and for what and to whom paid out, also all indebtedness or liabilities and for what the same were incurred, and balance of money on hand, to be verified under oath by the president and secretary and posted conspicuously in the office of the company. It is made the duty of the superintendent on the first day of each month to file with the secretary an itemized account, verified, showing all receipts and disbursements by him for the previous month, and for what disbursements were made: also a weekly statement, verified, showing the number of men under him, and for what purpose, and the rate of wages; also to report under oath the work done in the mine, the amount of ore extracted, from what part of the mine taken, the amount sent to mill for reduction, its assay value, amount of bullion received, amount shipped, and amount, if any, retained by the superintendent; also to forward to the company's office a report, verified, of all discoveries of ores or mineral-bearing quartz made in said mine, together with assay value, all to be kept in some conspicuous place in the office, and to be open to the inspection of all stockholders.

Any bona fide stockholder is entitled to visit with his expert and examine the mine at any time he may see fit; and when he shall make application to the president, he shall cause the secretary to deliver to him an order commanding the superintendent to exhibit such parts of the mine as may be desired by the party, and to furnish him with every facility for inspection, accompanying him in person or detailing someone who is familiar with the mine. A penalty is provided for disobedience by superintendent or by the president, and also in case of the failure of the directors to have the reports and accounts posted.

IV. PARTNERSHIPS:

A mining partnership exists when two or more persons who own or acquire a mining claim for the purpose of working it and extracting the mineral actually engage in working the mine. No express agreement to become partners is necessary. The relation of partners arises from the ownership of shares or interests in the mine and working the same for the purpose of extracting the minerals. A member of a mining partnership shares in the profits and losses in the proportion which the interest or share he owns in the mine bears to the whole partnership capital or whole number of shares. Each member of a mining partnership has a lien on the partnership property for the debts due the creditors thereof, and for money advanced by him for its use. This lien exists notwithstanding an agreement among the partners to the contrary. The mining ground owned and worked by partners in mining, whether purchased with partnership funds or not, is partnership property. One of the partners in a mining partnership may convey his interest in the mine and business without dissolving the partnership. The purchaser, from the date of his purchase, becomes a member of the partnership. A purchaser of an interest in the mining ground of a mining partnership takes it subject to the liens existing in favor of the partners for debts due all creditors thereof, or advances made for the benefit of the partnership, unless he purchased in good faith, for a valuable consideration, without notice of such lien. A purchaser of the interest of a partner in a mine where the partnership is engaged in working it takes with notice of all liens resulting from the relation of the partners to each other and to the creditors of the partnership. No member of a mining partnership or other agent or manager thereof can by a contract in writing bind the partnership, except by express authority derived from the members thereof. The decision of the members owning a majority of the shares or interests in a mining partnership binds it in the conduct of its business.

V. RECORD OF IMPROVEMENTS:

Any mine owner, company or corporation having performed the labor and made the improvements required by law for the location and ownership of mining claims or lodes, shall file within thirty days after the time limited for performing such labor or making such improve-

ment, with the county recorder of deeds of the county in which the mine is, an affidavit particularly describing the services and the value, which shall be prima facie evidence. Upon the failure of any claimant or mine owner to comply with the conditions required in the performance of labor or making of improvements, the claim or mine upon which such failure occurred shall be open to re-location as if no location had ever been made. But, if, before re-location, the original locators, their heirs or assigns, resume work upon such claim and continue the same with reasonable diligence until the required labor has been performed or improvements made, and the required affidavit as above is filed with the county recorder, then the claim shall not be subject to re-location. Upon the failure of any of the several owners to contribute his portion of the expenditures required, the co-owners who are not in default may, at the expiration of the year, give such delinquent co-owner personal written notice, or by publication in the newspaper published nearest the claim, for at least once a week for ninety days; and if, at the expiration of ninety days after such notice in writing or publication, the delinquent shall fail to contribute his portion, his interest in the claim shall become the property of his co-owners. A copy of such notice, with an affidavit showing service, when filed or recorded with the recorder, shall be evidence of the acquisition of such title. When a person or company has or may run a tunnel or cuts in good faith for the purpose of developing a lode or claim owned by said person or company, the money so expended shall be taken and considered as expended on said lode or claim, provided said lode or claim shall be distinctly marked on the surface as provided by law.

All mining claims and locations shall be subject to a reservation of the right of way through or over any mining claims, ditches, roads, canals, cuts, tunnels and other easements for the purpose of working other mines, provided that the damage shall be assessed and paid for as the cases of property taken under the right of eminent domain. ("XI. Eminent Domain.")

VI. WATER RIGHT:

The right to the use of running water flowing in a river or stream, or down a canon or ravine, may be acquired by appropriation. This must be for some useful or beneficial purpose, and when the appropriator or his successor in interest ceases to use it for such a purpose, the right ceases. The person entitled to the use may change the place of diversion, if others are not injured by such change, and may extend the ditch, flume, pipe or aqueduct by which the diversion is made to places beyond the first use. The water appropriated may be turned into the channel of another stream and mingled with its water, and then reclaimed; but in reclaiming it the water already appropriated by another must not be eliminated. As between appropriators, the one first in time is the first in right. A person desiring to appropriate must post a notice in writing, in a conspicuous place at the point of intended diversion, stating therein: First, that he claims the water there flowing to the extent of (giving the number) inches, measured under a four-inch pressure; second, the purposes for which he claims it, and place of intended use; third, the means by which he intends to divert it and the size of the flume, ditch, pipe or aqueduct in which he intends to divert it. A copy of the notice, within ten days after it is posted, must be recorded in the recorder's office of the county in which it is posted. Within sixty days after the notice is posted the claimant must commence the excavation or construction of the works in which he intends to divert the water, and must prosecute the work diligently and uninterruptedly until completion, unless temporarily interrupted by snow or rain. Completion means conducting the water to the place of intended use. By a compliance with the above the claimant's right to the use of the water relates back to the time the notice was posted, but a failure deprives the claimant of the right as against a subsequent claimant who complies.

VII. PROPERTY DEFINITION:

In a mining claim real or unmovable property consists of: 1. Land. 2. That which is affixed to land. 3. That which is incidental or appurtenant to land. 4. That which is unmovable by law.

Sluice-boxes, flumes, hose, pipes, railway tracks, cars, blacksmith shops, mills and all other machinery or tools used in making or developing a mine are to be deemed affixed to the mine. A thing is deemed to be incidental or appurtenant to land when it is by right used with the land for its benefit: as in the case of a way, a watercourse, or of a passage for light, air or heat from or across the land of another. Every kind of property that is not real is personal.

VIII. MINING CUSTOMS:

In actions respecting mining claims, proof must be admitted of the customs, usages or regulations established and in force at the bar or diggings embracing such claim; and such customs, usages or regulations, when not in conflict with the laws of this State, must govern the decision of the action.

IX. ESCAPEMENT SHAFT:

There is an act continued in force making it unlawful for any corporation or owner of any quartz mine within the State, where as many as twelve men are employed, to sink down into such mine any perpendicular shaft or incline beyond a depth from the surface of three hundred feet, without providing a second mode of egress from such mine, by shaft or tunnel, to connect with the main shaft at a depth of not less than one hundred feet from the surface, and providing also for the recovery of damages in case of accident.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF COLORADO.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by S. M. ASHENFELTER, Attorney-at-Law, of the Colorado Springs Bar.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments may be made before the judge or clerk of any court of record, certificate to be under court seal; clerk of any county under seal of county, deputy clerk of court or county, notary public or justice of the peace—extra certificate for latter being required when lands are situate outside his county.

Without the State: If in another state or territory, may be made before Secretary of State, under state or territorial seal, clerk of any court of record, notary public, commissioner of deeds for this State, or before any other officer authorized by state or territorial law to administer oaths, provided there is attached authenticating certificate of clerk of court of record in district where such other officer acts.

In foreign countries, before a court of record having seal, with certificate of judge; before chief officer of city or town, having seal; or United States consul, always with seal attached.

In mortgage of homestead, wife must acknowledge apart from husband. Deeds to State lands, made by the Gov-

ernor, and attested by Secretary of State, and with State seal affixed, need not be acknowledged.

II. ADMINISTRATION:

A temporary administrator may be appointed, but husband and wife, respectively, have first right to letters on the other's estate. Next of kin follow, and, after twenty days, creditors may apply; failing which, the public administrator acts, upon application of any party in interest, or county judge may appoint. Proof of death and intestacy is first essential.

There is liberal allowance of widow's portion, including statutory exemptions, free from all debts. If intestate leaves no realty, and the personalty does not exceed widow's allowance, the court immediately enters an order settling the estate and discharging the administrator. Oath and bond required; the latter in double the value of estate, and conditioned for the performance of duty as required by law. A sworn inventory of three appraisers must be filed.

If there are no debts, or after payment of the same, the personalty may be distributed to the heirs, subject to costs. After payment of debts and costs, if there be no known heirs, the administrator must advertise eight weeks in a public newspaper, giving the name of intestate, time and place of death and balance on hand, and notifying claimants and creditors to come forward within six months or be barred. Any balance thereafter is paid into the county treasury for the benefit of heirs or claimants. When personal estate will not meet the debts, the court, on petition, will order the sale of sufficient realty, minors being parties by guardians ad litem. The administrator may, on order of the court, compromise or sell a claim where the debtor is insolvent, and may sell all crops. After funeral expenses, costs and physician's bills for last illness, all money received by intestate or testator as executor, administrator or guardian, and not accounted for, must be preferred to other claims. All demands must be made within one year. Persons of unsound mind, those imprisoned or beyond seas, have one year after removal of disability. Taxes are a part of the costs. Administrators must report to the court at first term after six months, setting, by four weeks' published notice, a day for adjusting claims, and must report each two months thereafter. Final settlements are made upon four weeks' published notice, but the discharge does not affect administrator's liability on bond.

III. ALIENS:

Resident aliens have all property rights, and non-resident aliens may engage in any industry, and acquire mining and town property, and not exceeding two thousand acres of agricultural land in one body.

IV. ASSIGNMENTS:

General assignments must be for the benefit of all creditors. Servants, laborers and employees for services during prior six months, hold preferred non-assignable claims to the amount of fifty dollars. Taxes due are preferred. Assignee gives bond and is subject to the order of court. Creditors, to share in distribution to the first class, must file claims within three months after notice. The estate must be closed in one year, unless the court extends the time.

V. ATTACHMENTS:

Grounds for attachment are non-residence, foreign corporation or one with chief place of business out of the State, concealment of person, defiance of officer, four months of absence from the State or unknown whereabouts, and the usual provisions as to fraudulent conveyance, concealment or removal of property; also for departure from State with intent to have effects removed, failure to pay for specific article or for labor according to agreement, and fraudulently obtaining the credit.

Substantially the same provisions in Justices' Courts, as to amounts not exceeding three hundred dollars, and authorizing writ there in suits upon overdue accounts, or notes, etc., for direct payment of money.

Bond required in double the amount of claim. All attachments subject to operation of exemption laws.

VI. CLAIMS AGAINST ESTATES:

Holders of mortgages, deeds of trust or other security cannot foreclose within one year from death, unless by permission of the County Court, after such claims are proved and allowed, but this shall not impair lien. All claims must be presented at a day set (see "II. Administration") and if no objection is entered by any party in interest, may be approved on oath of claimant. Claim may be exhibited at any term subsequent to issue of letters, upon ten days' notice to executor or administrator. A claim not fully due may be allowed for the part due at date of allowance. If no letters issue within a year holders of securities may enforce lien as if debtor were living.

VII. COURTS:

Justices of the peace are elected and have jurisdiction to three hundred dollars, but not in matters affecting boundaries or title to real estate.

County Courts have authority for administration of estates, adoption of children, questions of lunacy, wills, appeals from justice of the peace, and general civil jurisdiction to the amount of two thousand dollars. Judges are elected. Appeals may be taken to the District or Supreme Court. Six terms a year in principal counties are held, commencing first Monday in January and following alternate months. Four terms a year in minor counties.

In District Courts, the judges are elected, and the courts have original jurisdiction of all causes at law and in equity, and in all controversies concerning rights, duties and liabilities of railroad, telegraph or toll-road companies or corporations. Concurrent jurisdiction with the County Court, as to the adoption of children and removal of guardians. Terms in various counties as provided by law, but at least one term annually.

The Court of Appeals has appellate jurisdiction in cases from the lower courts, where the amount involved is twenty-five hundred dollars or less. There are three judges, appointed by the Governor of the State.

The Supreme Court has appellate jurisdiction co-extensive with the State, when the amount involved exceeds twenty-five hundred dollars, and may issue extraordinary remedial writs. A single judge may issue writ of habeas corpus. Two terms annually at the seat of government. Three judges, serving nine years each; one elected each three years.

VIII. FEES:

Acknowledgment before notary public, or clerk of court	$ .50
Acknowledgment before justice	.25
Attachment: Writ	1.00
Service	2.00
Appeal: Approved bond; and fee	1.00
Commencement of suit in justice court: Fees on papers filed.	
Commencement of suit in court of record: Entry	5.00
Incorporation: Each $100,000	10.00
Mandamus	1.50
Probate	2.00
Protest	.75
Each notice	.50
Record, 30 cents first 100 words; each folio additional	.15
Redemption: Same under mortgage or execution.	
Sheriff: Contingent on service given.	
Transcription: per folio	.10
Witness: per diem	2.50

[Counties in Colorado are divided into three classes, and fees vary in each class. Those given are for the first class.]

IX. DEEDS:

Except as to executors and trustees, joint tenancy can be created only by declaration in deed, and express rejection of tenancy in common. Title acquired after conveyance in fee, is held to be in trust and for use of and curing defect in title of original grantee. Adverse possession is no obstacle to conveyance. Persons seized in attempted fee-tail, take life estate, with remainder in fee-simple to person who would take on death of first grantee. Every estate is deemed to be in fee-simple, even though words of inheritance be omitted, unless a less estate be limited in the conveyance. Right of possession follows conveyance, unless other intent be expressed. Covenants of freedom from incumbrance, warranty, etc., run with the premises for benefit of subsequent grantees, but warrantor is entitled to notice to defend title. Power of attorney to convey must be acknowledged, and be recorded in office where conveyance is to be recorded. The word "conveyance" embraces every instrument in writing affecting interest in lands, except a will. Seal is not essential. Covenant of married woman is inoperative, except to pass present estate.

X. DEPOSITIONS:

Witness being resident in State, deposition may be taken when the witness is a party to the suit, is non-resident of the county in which testimony is to be used, is about to leave so as to be absent when testimony may be required, and when witness is too infirm to attend trial; and may be taken before any person authorized generally to administer oaths. Authority issues on affidavit of the ground, with notice reciting time and place of taking testimony, five days being first allowed, and one day additional for each twenty-five miles from residence of party to place of deposition—unless the court shortens the time, and then copy of the order must accompany notice.

A commission to take testimony out of State is issued by clerk under seal of the court on five days' notice to opposite party, and with copy of interrogatories attached. It issues to person authorized to administer oaths, or to person agreed upon. Opposite party may file interrogatories to be attached to commission.

XI. DESCENT:

One-half of estate descends to surviving husband or wife, and one-half to children; failing children, husband or wife take entire estate. No dower or curtesy. Children take equally, the descendants of one dead collectively taking part of parent. Next, the father takes, and then the mother. Failing these, brothers and sisters equally, the descendants of one dead collectively taking share of ancestor. Then, the nearest lineal ancestors and their descendants. Descendants of half blood inherit as of whole blood, but collateral relatives only in half measure. An

illegitimate child secures right of inheritance through marriage of parents. Children's rights of inheritance are not affected by divorce of parents.

XII. EMINENT DOMAIN:

Land necessary for construction of ditches, roads, bridges, ferries, railroads, tunnels, reservoirs, pipe lines, etc., may be condemned, the compensation to be fixed by board of three commissioners, or, on demand of owner, a jury of freeholders. The proceeding is by petition in the District or County Court, with regular summons and trial, with service by publication when necessary. The rule entered by the court, and filed in the recorder's office, vests all necessary title—subject to appeal or writ of error.

XIII. EXECUTIONS:

Lands must be sold at public vendue. Six months after sale allowed to redeem. Due notice is requisite. Life of an execution is ninety days. If judgment debtor dies, execution cannot issue for a year, and executor or administrator is entitled to three months of notice.

XIV. EXEMPTION:

There is exempt from writs of execution and attachment, the homestead for head of family, all necessary wearing apparel, books, furniture, implements of trade and certain store of provisions; also wages to sixty dollars.

XV. HOMESTEAD:

Heads of family may have two thousand dollars' homestead exempt from execution and attachment, while actually occupied by self or family, by causing to be entered on margin of recorded title, the word "homestead," subscribing same, and having recorder attest. The privilege extends to husband, and widow with minor children surviving.

XVI. INTEREST:

Eight per cent is the legal rate, but there is no usury law.

XVII. JUDGMENTS:

All final orders, decrees and awards are judgments. Entered on the judgment docket, and transcript filed with the county recorder, judgments are a lien upon the real estate of debtor subsisting for six years. The transcript may be filed with effect in any county where such real estate is situate. Satisfaction may be entered by attorney within one year, unless his authority be formally revoked by creditor at any time. Judgments may be revived by verified petition, and under writ of scire facias. Foreign judgments are subject to rules of the common law, as to proof, etc.

XVIII. LIENS:

Laborers, mechanics and material men have the usual lien to full extent of owner's interest in land, structure or improvement. Principal contractor within sixty, and sub-contractor within forty days, must file with county recorder sworn statement setting out all names, description of property, total indebtedness, credits, and balance due, and at same time, or before, serve copy of statement on owner, his agent or trustee, or make affidavit that none such can be found. Action to enforce must be commenced within six months. Attorneys have liens for services. All taxes are liens. Miners' liens are secure when work is done direct for owner, but the law of 1895 makes this lien dubious, when work is done for lessees. Bailments, and all property in care or custody, carry liens. Executions become liens upon delivery to sheriff.

XIX. LIMITATIONS:

Six years upon contract, judgment, for rent, waste or trespass, open account or any assumpsit. Three years from discovery, in cases of fraud. One year in cases of assault, false imprisonment, slander and libel, and action for penalty or forfeiture. Six years operate on actions accruing on judgments outside State. In case of a person dying with the cause of action surviving, administrator has a full year. Limitation operates upon debt by way of set-off; and runs full term after any disability of party has been removed. Foreign judgments are limited to six years from date on which original action accrued, unless proceeded on here within three months from date of rendition.

XX. MARRIED WOMEN:

A married woman owns and controls, free from husband's debts, all property she owned prior to coverture, all she may inherit or receive (except from husband) by gift or bequest, and all rents, profits and proceeds from same. She may sue and be sued; sell and convey, as if sole. She may make a will, but to not exceeding one-half of her property, except with written consent of husband. She enjoys full franchise, being privileged to vote at any election, and may hold any office, if twenty-one years of age. The same privilege extends to unmarried women.

XXI. MORTGAGES:

Marginal entry of satisfaction on record operates as full release. Equity of redemption runs six months after sale. Trust deeds must be satisfied by formal deed of release, and may be enforced without equity of redemption. Under order of court, sales of part property may be had from time to time, to meet mortgage debt due in installments; but, where sale of part would injure estate, court may order sale of whole, and application, with rebate of interest on unmatured balances. Oral testimony is admissible to show that deed was designed to have effect of mortgage—always excepting trust deeds with power of sale.

XXII. NOTES AND BILLS:

Three days of grace are allowed on notes and bills of exchange, but the provision does not extend to sight drafts or checks. Paper maturing on a Sunday or holiday is deemed to fall due the previous day. Gambling contracts or instruments are void, and assignments thereof are ineffectual.

XXIII. TAXES:

Persons owning property on May 1st of each year are liable for the taxes of that year. Mortgagee may pay taxes, if mortgagor fails, and may add same to lien and recover with interest at twenty-five per cent per annum. Unpatented homestead entries are taxable. Assessments are usually at one-third values. Head of family entitled to exemption of two hundred dollars.

XXIV. WILLS:

Males at twenty-one, and females at eighteen years, may make a will. Wills must be proved in county of residence, or if none, then where greater part of estate is situate. A written will must be signed in the presence of two or more witnesses, but a bequest to a witness is void unless there be at least two other witnesses. A nuncupative will must be made in the last sickness, in the presence of two witnesses, and be by them reduced to writing within a reasonable time. A lost will may be established by oral testimony. A child born after execution of will may have a rebate from the other devisees, to its pro rata.

XXV. WATER RIGHTS:

The constitution declares natural streams, not appropriated prior to March 14th, 1876, public property for use of the people, with appropriation controlled by law. As between those using water for the same purpose, priority of appropriation governs—with preference, in order named, for domestic, agricultural and manufacturing uses. The District Court has jurisdiction over questions of priority. The supply being insufficient, water actually received in a ditch is to be distributed pro rata to consumers. The County Commissioners fix maximum rate on water sold from ditches, and only such ditches are subject to taxation. The Governor appoints water commissioners for the various districts, and these part water among ditches under the priority rule. If any ditch owner wastes water, commissioner may shut off supply to extent of waste.

CORPORATIONS.

I. ORGANIZATION:

Three, and not exceeding thirteen persons, signing and acknowledging certificates before a competent officer, and filing one with the Secretary of State, one with the recorder of the county where the principal office is located, and one with the recorder of each county in which corporate business is to be transacted, may thus create a corporation. Certificates must give corporate name, indicating character of business, commencing with "the" and ending with "corporation," "company," "association," or "society;" must state objects, amount of capital stock, number and value of shares (one dollar to one hundred dollars each), term of existence, not exceeding twenty years (except insurance companies, which may be perpetual); number of directors or trustees (three to thirteen), naming those to act for first year; name of place in county where principal office is to be kept, and other counties, if any, in which business is to be carried on; and, if desired, conferring power on directors to make by-laws. If part of the business is to be done outside of the State, certificates should so state, giving names of places and counties in both states selected for business. Secretary's fee, ten dollars, where capital does not exceed one hundred thousand dollars, over that amount, for each one thousand dollars additional, ten cents; recorder's fee, nominal—for filing.

The certificate may be amended at the annual or a special meeting of stockholders, called by the president, and held under advertised notice of such purpose. Holders of one-third the stock may have such meeting called.

II. LIABILITY OF STOCKHOLDERS:

Stockholders are individually liable for corporate debts, to the extent of their respective arrearages on stock; but executors, trustees and holders as collateral are free from such liability—and executors or trustees may represent stock at meetings.

III. DIRECTORS:

Directors serve without compensation, unless the certificate of incorporation provides for it. It is not essential that the directors originally named be of the body of incorporators. By-laws regulate elections subsequent to organization, and provide for filling casual vacancies in the

board of directors. In the election of directors, a stockholder may cast a cumulative vote for one of several candidates.

With the president, directors must make and swear to certificates of paid-up stock, after last installment is paid, and file one with the Secretary of State, and one with the county recorder; and must make and file in the recorder's office, within sixty days from January first of each year, a report of capital and amount paid in, and of debts, under the corporate seal, signed by the president and verified by the president or secretary—unless, as shown by certificate aforementioned, all stock has been issued and paid for. Failure in this subjects the directors to individual liability for corporate debts previously contracted. A dividend declared under conditions of insolvency, or in diminution of capital stock, subjects the directors to like liability for all debts.

IV. BOOKS AND RECORDS:

The secretary must keep a book showing the amount of stock actually paid for, whether in property or cash, with an alphabetical list of stockholders, their places of residence, number of shares respectively owned, date on which same were acquired, and date at which ownership ceased. Directors must provide and have kept cash book and other books showing business transactions. Transfers must be recorded within sixty days or be inoperative, but failure to record will not relieve the actual holder from liability (if any) for debts.

Under penalty, officers must exhibit to stockholders, upon written demand, any company records in their custody; and the secretary must keep transfer book open during business hours to the inspection of stockholders, creditors, or their representatives; and the secretary, cashier or treasurer, once in six months, shall make a statement of company affairs, if requested by owner or owners of fifteen per cent of the total stock.

No corporation may purchase its own stock, except under forfeiture for non-payment of assessment; but a corporation may, with stock, purchase any necessary property, the same to be fully set out in report of paid-up stock.

Failure to satisfy any execution within ten days, may work dissolution. If there be no debts, a two-thirds vote of entire stock may effect dissolution, if so cast at a meeting held under duly advertised notice of such purpose; and by filing notice of such action as original certificate was filed, and publishing such notice six weeks in a newspaper in each county. Or dissolution may be effected under equity jurisdiction duly invoked.

The right to a particular corporate name is exclusive.

Corporations may consolidate without affecting their status, as parties in suits pending.

Notice of the annual meeting of stockholders to elect directors must be published not less than ten days prior, in the newspaper nearest the place of business.

Deed conveying real estate must be under the common seal, signed by the president and by him acknowledged to be the act of the corporation, or by attorney under written power acknowledged and recorded, all, presumably, under authority of directors.

Summons is served in the county where the business is carried on, by copy to president, if found; or, in order named, secretary, treasurer, cashier, general agent or stockholder. If none such be found in the county, then the process may be run to the sheriff of any county where either may be found. If there be no principal office, suit may be brought in any county where any officer may be found.

A corporation forfeits its charter by attempting to influence votes or by any interference with elections in the State.

V. FOR MINING, ETC.:

General provisions apply, but the number of directors cannot exceed nine. Certificates of incorporation must state stock to be assessable or non-assessable (cannot be both), and one such certificate must be filed in each county in which the property of the company is situate. On the face of each stock certificate must be plainly printed "assessable" or "non-assessable," as the case may be. But an assessable company may purchase mining property and provide capital, by issuing stock non-assessable until the balance or whole amount of stock shall have been assessed to par value or fully paid up; all stock then becoming ratably assessable for operations. For corporations formed prior to April 3rd, 1891, assessments are restricted to five per cent on par value, once in three months, to be made by directors only after special meeting of stockholders authorizing the same.

The law of 1891 provides, however, that, "in all mining companies or corporations hereafter formed," with assessable stock, directors shall have full power to levy not exceeding ten per cent, payable immediately, and do other acts deemed for the best interests of the stockholders or necessary to the development of the property. It is also provided that stock becomes delinquent in thirty days, and may then be advertised thirty days in a daily, or, if none, five weeks in a weekly newspaper published at the place of business and where the mine is situate; or, failing newspapers, by a notice conspicuously posted five weeks at both places; and twenty days after such period of notice, the secretary may sell sufficient of the delinquent stock to pay the assessment and costs. The secretary, within five days after such assessment, must notify stockholders by mail to the last known address, of the date, amount, time delinquent and sales day of such assessment. No subsequent assessment is permissible until thirty days after the sales day. The directors cannot encumber the mines or plant without an authorizing vote of the stockholders.

VI. PIPE LINE COMPANIES:

Pipe line companies must show in certificate of incorporation the places to and from which line will run, and the general route. A certificate incorporating a ditch company must specify the stream from which water is to be taken, point where taken out, location of any reservoir, route of ditch as near as may be, and use to which water is to be applied. A ditch company, by so providing in certificate, may take stock in telephone companies affording it special facilities for transacting its business.

VII. FOREIGN CORPORATIONS:

To avoid individual liability of officers, agents and stockholders, foreign corporations must file with the Secretary of State a copy of charter, or copy of general incorporation law with certificate thereunder, such copy of law to be properly authenticated; and must file with the Secretary of State and copy thereof with county recorder, certificate of the president and secretary, designating the principal place of business in the State, and the agent residing there upon whom process may be served. Such corporations are limited to powers and subject to restrictions, liabilities and duties of like domestic corporations—which would appear to make it incumbent upon them to file statements and certificates, and follow all requirements of general corporation law.

No mortgages made by such corporation upon property within the State for debt created out of the State, shall operate in precedence of claims of resident creditors, except under notice of intention so to mortgage published six weeks in a newspaper in the county where property is situate, or five publicly posted notices for a like time, requesting residents to file verified claims with the county clerk—and mortgage then takes effect against those failing so to file.

MINING.

I. LOCATION AND RECORD:

A location certificate must state name of lode and locator, date of location, number of feet in length on each side of center of discovery shaft, and general course of lode as near as may be, complying, of course, with all requirements of United States law. Claims must be filed in recorder's office of the county, within three months after fixing and sinking discovery shaft, for which sixty days are first allowed. Claims may be fifteen hundred feet in length and three hundred feet in width, except in Gilpin, Clear Creek, Boulder and Summit counties, where width is one hundred and fifty feet.

II. DISCOVERY SHAFT:

Discovery shaft must be ten feet deep from lowest part of rim at surface, and must show a well-defined crevice exposing mineral-bearing rock. An open cut or tunnel exposing lode, or a ten-foot adit along lode, is equivalent.

III. STAKES AND LINES:

The location stake should bear notice showing plainly name of lode and locator and date of discovery. There should be two substantial center stakes, at middle point of each side line, hewed to plane on inner side, and four corner stakes hewed on the two inner sides. If angles occur on side lines, such hewed stakes should be hewed at each angle. The owner may at any time relocate and obtain additional benefits not in conflict with other rights. Affidavit of annual labor, filed within six months after completion, is prima facie evidence of its performance, but failure so to file is not abandonment. Location is held to include all surface ground within lines, the lodes and ledges to entire depth vertically at ends, and continuing by dip beyond side lines where apex is within surface lines.

IV. QUARRIES, ETC.:

Stone quarries, oil land, kaolin, borax beds and asphaltum, as well as mineral-bearing ground, may be located as placers; and certificate, to be recorded within thirty days after discovery, must give name of claim, to be designated as "placer," name of locator, date of location, number of acres or feet claimed, and description to identify. The locator must post a plain notice containing said items, with date of discovery, and must mark surface boundaries by substantial posts at each corner.

V. MINERS' LIENS:

Miners and material men have assured lien, when dealing direct with owners; but, under the act of April 13th, 1895, there is some question as to the lien when mine is worked by lessees. The act requires the aid of judicial

construction. Where lien attaches, its operation extends to all appurtenances.

VI. INSPECTION OF COAL MINES:

Coal mines employing more than ten men must be regularly and officially inspected with reference to ventilation, escape shafts, boilers, signals, hoisting machinery, etc., and the frequent inspection by skilled bosses is also required. Severe penalties follow non-compliance.

VII. DRAINAGE:

Owners of adjacent developed mines having common ingress of water, must proportionately provide for drainage, the one having right of recovery in event of the other failing. Parties hoisting lose control of water when it reaches a natural water course.

VIII. GENERAL PROVISIONS:

An owner of surface on claim subject to a separate mining right, may require security from the miner.

For taxation, unproductive patented claims are usually assessed at five hundred dollars.

All claims producing in excess of one thousand dollars per annum are subject to assessment not exceeding one-fifth of gross proceeds.

Ore dealers, shippers, samplers and reducers must keep detailed record of each lot of ore.

There are several penal laws for using false scales, passing "debased" gold dust, "salting," removing stakes or monuments and the jumping of claims by stealth or violence by two or more persons in combination.

Condemnation may be had for right of way over any mine, for ditch or flume for mining purposes, or for any tramway or pack trail.

The product of oil wells must be kept from natural water courses.

There are United States land offices at Denver, Pueblo, Durango, Leadville, Glenwood Springs, Montrose, Gunnison, Sterling, Hugo, Del Norte, Lamar, Akron and Central City.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF CONNECTICUT.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by EPAPHRODITUS PECK, Attorney-at-Law, 130 Main Street, Bristol, Connecticut.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Deeds of land must be in writing, subscribed and sealed by the grantor, attested by two witnesses, and acknowledged by the grantor to be his free act and deed, if in this State, before a judge of a court of record of this State or of the United States, justice of the peace, commissioner of the school fund, commissioner of the Superior Court, clerk of the Superior Court or Court of Common Pleas or District Court, notary public, town clerk or assistant town clerk; if in any other state or territory of the United States, before a commissioner appointed by the Governor of this State and residing therein, or any officer authorized to take the acknowledgment of deeds in such state or territory; and if in a foreign country, before any consul of the United States or notary public or justice of the peace in such foreign country.

II. ALIENS:

Non-resident aliens are subject to common law disabilities as to holding real estate, except as hereafter stated; resident aliens, "and any citizen of France, so long as France shall accord the same right to citizens of the United States," may purchase, hold, inherit and transmit real estate as fully as citizens.

A non-resident alien may acquire and hold real estate for the purpose of quarrying, mining, dressing and smelting ores; but if such use shall cease for ten years, such real estate shall be forfeited to the person from whom it was last acquired, or his heirs, if resident in the United States, or if not, to the State. A non-resident alien, holding real estate as above, may convey or transmit the same by inheritance, as freely as a citizen.

Non-resident, as above used, means not residing within the United States.

III. ASSIGNMENTS:

Voluntary assignments in insolvency can be made by any debtor to a trustee of his own selection, subject to the substitution of another by the Probate Court, if deemed proper. Assigning debtor must lodge with Court of Probate, within five days after assignment, a list verified under oath of his creditors and schedule of his property.

A creditor for over one hundred dollars, having brought suit and finding no property to attach, may apply to the Probate Court for the appointment of a trustee in insolvency of the debtor's estate. A hearing is had, and, if the petition is granted, trustee takes all debtor's estate not exempt; and all incomplete levies or attachments on mesne process commenced within sixty days previous, are dissolved. Three to six months are allowed to prove claims, which are passed upon by commissioners appointed for that purpose. The debtor receives an allowance for his support and that of his family, and if the estate pays seventy per cent of all claims proved, he obtains a full discharge.

All debts due any laborer or mechanic for personal wages for labor performed within three months next preceding the assignment are to be paid in full to the amount of one hundred dollars, before the general liabilities of the debtor are paid.

IV. ATTACHMENT:

Attachment is served by attaching goods or lands of defendant, or, if none be found, by attaching the person when liable. Non-resident plaintiff must furnish bond for costs. Goods concealed in hands of agents, or debts due to the defendant, are reached by foreign attachment, which takes the place of garnishment.

Mesne attachment is regularly made on the institution of a suit, and no affidavit or special allegations to justify attachment is needed.

Debtors may be arrested in actions for fraud or torts, and can give bail to the officer making the arrest, for their appearance before the court to which the writ for arrest is returnable. A debtor committed to jail on civil process can be released on taking an oath that he has not any real or personal estate in possession, reversion or remainder, of the value of seventeen dollars in the whole, or sufficient to pay the demand for which he is imprisoned, except what is by law exempted from being taken on execution; and that he has not, directly or indirectly, sold, or otherwise disposed of, all or any part of his estate, thereby to secure the same, or to receive or expect any profit or advantage therefrom, or to defraud or deceive his creditors. The debtor will not be released if his oath is overcome by rebutting evidence.

Conditional sales of personal property, except household furniture, musical instruments, and exempt property, must be in writing, acknowledged before competent authority, and recorded in the town clerk's office of the town where vendee resided. No conditional sales not so made are valid, except as between the parties and their personal representatives; and the property may be taken on attachment or execution against the vendee.

V. CLAIMS AGAINST ESTATES:

Courts of Probate having jurisdiction of estate of deceased or insolvent persons, fix a time for the presentation of claims, and appoint commissioners to receive and pass on claims. The limitation is usually three months for estates in insolvency, and six months for estates of deceased persons. Notice is given by mail to all known creditors.

No formality is necessary in presenting claims. A sworn bill of items is sufficient, unless the claim is disputed. In that case, the commissioners appoint a hearing on its allowance. Appeals from the allowance or disallowance of a claim by commissioners may be taken (if the claim exceed fifty dollars) within one month after the acceptance of their report, to the Superior Court of the county.

In settlement of the estates of deceased persons not represented as insolvent (estates of business men are almost always so represented), claims are presented directly to the executor or administrator. If he disallows a claim, suit must be brought against him within four months after written notice is given of such disallowance.

VI. COURTS AND FEES:

The Superior Court holds one term per year in each county for the trial of civil causes, and has jurisdiction in all law and equity cases exceeding five hundred dollars. Court of Common Pleas in Hartford, Fairfield, New London and New Haven counties, has exclusive law and equity jurisdiction above one hundred dollars and below five hundred dollars, and concurrent jurisdiction with the Superior Court above five hundred dollars and up to one thousand dollars; and in Litchfield county has exclusive jurisdiction up to one thousand dollars.

Not less than four terms each year are held in each of the counties named, and there are City Courts in many of the cities, and a District Court at Waterbury, with limited civil jurisdiction.

Probate Courts deal with the settlement of estates and insolvency proceedings; and justices of the peace have civil jurisdiction up to one hundred dollars.

Acknowledgment before notary public, justice or clerk of court	$ .25
Attachment; contingent upon travel, time, etc. No fixed fee.	
Appeal, from Justice Court to Common Pleas, transcript, circa, $2, and entry	3.00
Commencement of suit in Justice Court: officers' fees, and	
Writ	2.45
Docket	.50
Commencement of suit in court of record: officers' fees, and	
Writ	2.45
Entry	3.00
Incorporation; to do business out of State, as may be determined by State Board of Equalization, $100 to	$5,000.00
Probate. Judge of Probate receives fees for each proceeding. Collateral inheritance tax, five per cent; immediate family, parents, brother and sister, exempt; also all inheritances under $1,000.	
Protest, contingent: about	2.00
Record: for land records, per folio	.40
Sheriff: varies with nature of service.	
Transcription of evidence, per folio	.25
Witness: mileage, ten cents, and per day	.50

VII. DEPOSITIONS:

Depositions in another state to be used here may be taken before a notary public, commissioner appointed by the Governor of Connecticut, or any magistrate having power to administer oaths; but reasonable notice must be given to the adverse party or his known agent or attorney to be present. The magistrate must administer the oath to the witness, and require him to sign the deposition, and shall attest the oath, and certify that the adverse party was present (if so), or was notified, and shall certify the reason for taking the deposition (as that the opponent resided without the State of Connecticut), seal it, direct it to the court where it is to be used, and may then deliver it to the party taking it.

Any deposition written, drawn up, or dictated by the party, his attorney, or any interested person, or the seal of which has been broken, shall be rejected. Five dollars is taxed to the prevailing party for each deposition taken out of the State

Any judge, justice of the peace, notary public, or commissioner of the Superior Court in this State, on the application of a commissioner duly authorized to take a deposition for use in another state, may issue a subpoena or capias to compel the appearance of a witness before such commissioner; and may commit him to prison for refusal to appear and testify until he shall comply.

VIII. DESCENT:

Husband and wife married before 1877 have dower and curtesy as at common law. Those married since 1877 (April 20th) take each one-third for life of real or personal property left by the other, which cannot be taken away by will. If there is no will, they take one-third absolutely, and if no children, one-half absolutely. If an intestate estate does not exceed two thousand dollars, the surviving wife takes it all.

All remaining property, real and personal, goes: 1. To the children, if any, in equal proportions. 2. To brothers and sisters of the whole blood, or their descendants. 3. To parent or parents. 4. To brothers and sisters of the half blood, or their descendants. 5. To the next of kin generally.

IX. EMINENT DOMAIN:

All municipal and many quasi-public corporations (as railroads, water companies, cemetery associations, etc.), are given the power of eminent domain. Mill-owners are also given the right, if they desire to overflow the land of others by a dam, or to build race-ways or tail-races, for the benefit of such mill, and not injuring any other mill-privilege, to bring a petition to the Superior Court which, if its committee find the work to be of public use, may establish the height and location of such race-ways, and fix the compensation to be paid therefor (Gen. St. 1888, ch. 84). This act has been held constitutional (34 Conn., 78), but a similar act, giving the right of eminent domain for the benefit of ice ponds was held inoperative, and its constitutionality questioned (65 Conn., 316).

X. EXECUTIONS:

Issue from the court rendering a money judgment. In case of actions of tort, they run against the body. They must be returned in sixty days, but alias executions may issue indefinitely. They may be levied on real or personal property, after demand and refusal of payment.

XI. EXEMPTIONS:

Comprise necessary furniture and apparel; implements of the debtor's trade; all pension moneys in the petitioner's hands or in bank; his library to the value of five hundred dollars; specified quantities of various supplies; the horse, harness, saddle, bridle and buggy of a physician.

XII. INTEREST AND USURY:

Any interest is lawful. Six per cent is collectible in the absence of any agreement as to the rate.

XIII. JUDGMENT:

If personal service is made on a defendant within this State, judgment may be rendered by default unless he appear by the third day of the term.

If the defendant be a non-resident, and does not make appearance, and the court does not find that he had notice of the pendency of the suit, the court must continue the case three months, and make such order of notice as it deems best; and if he do not then appear, and is so remote that it is not probable that he has received notice, the case is again continued three months; at the end of which time, judgment may be rendered by default; but the plaintiff, before taking execution, must give a bond to refund the amount collected, if the court afterward find that he had no right to the judgment.

Confessions of judgment are not allowed by our practice, and judgment issues only in a regular action.

XIV. LIENS:

Any person furnishing materials or rendering services in the construction or repair of any building to a value exceeding twenty-five dollars may, by lodging with the town clerk a sworn certificate, in form prescribed by the statute, within sixty days from ceasing to so render services or furnish material, obtain a lien on the building and the land on which it stands, which will take precedence of any incumbrance arising after the commencement of such services or furnishing of material.

Sub-contractors can take advantage of this statute only by notifying the owner in writing of their intention to claim a lien within sixty days from the commencement of their claim. This notice, with return of service, must be recorded in the town clerk's office. (Rev. St. 1888, §§ 3018-3021.) Sub-contractors' liens are subject to all rights of the owner for payments made in good faith, before receipt of notice.

The holder of any unsatisfied judgment, by filing a certificate in the prescribed form in the town clerk's office for record, obtains a judgment lien on the debtor's real estate.

XV. LIMITATIONS:

The period of obtaining real estate titles by possession or prescription is fifteen years. Ordinary contracts "outlaw" in six years; specialties and non-negotiable paper in seventeen years.

XVI. MARRIED WOMEN:

Women married since 1877 have the right to contract, buy or sell, and hold property, real or personal, sue and be sued, as if unmarried.

XVII. MILLS—WATER-RIGHTS:

Any owner or intending owner of a mill is given the right of eminent domain, to be exercised by petition to the Superior Court and appointment of an appraising committee, to flow the land of others by a dam on his own land or to dig ditches to conduct water to his mill, or discharge ditches from the same over the land of others, or to deepen existing ditches. Rights of existing mills are fully protected from injury by such proceedings. The damage to be paid is that found by the appraising committee, plus fifty per cent. (Rev. St. 1888, §§ 1216-1217.) [See "IX. Eminent Domain."]

XVIII. MORTGAGES:

Mortgages of real estate are commonly foreclosed by a strict foreclosure, so-called, the mortgaged land becoming the property of the mortgagee after a period of redemption fixed by the court. The foreclosure operates as

a payment of the note, unless an appraisal of the property is made in the foreclosure proceeding, and a balance remains due after applying the appraised amount on the note. Foreclosure by sale may be ordered by the court.

Chattel mortgages are invalid without actual delivery of possession to and retention by the mortgagee; but mortgages of "any manufacturing or mechanical establishment, together with the machinery, engines or implements situated or used therein," or of such personal property, without the real estate, or of several other classes of chattels expressly enumerated, may be valid without delivery of possession if executed and recorded like deeds of real estate. (Rev. St. 1888, § 3016.)

XIX. NOTES AND BILLS:

Days of grace are abolished, and notes falling due on holidays mature the next business day. Public holidays are (beside Sundays) January 1st, February 22d, Good Friday or Fast Day, May 30th, July 4th, the first Monday of September (Labor Day), October 15th (Lincoln Day), Thanksgiving Day and December 25th (Christmas Day). Saturday is a half-holiday.

Demand negotiable notes are overdue after four months from their date. The blank endorsement of a negotiable or non-negotiable note, by a person who is neither its maker or payee, before or after indorsement by the payee, imports the same contract as an ordinary indorsement of negotiable paper, as between the indorser and the payee or subsequent holders.

XX. SUITS:

Suits at law claiming less than one hundred dollars are brought before justices of the peace, who hold office in every town. Suits for larger amounts are brought before City Courts, Courts of Common Pleas, or the Superior Court, according to the amount of the demand and location of the parties. No equitable action can be brought before a justice of the peace. Appeal lies from justices to the Courts of Common Pleas (in most of the counties), and from all the higher courts appeals for errors of law only lie to the Supreme Court of Errors.

A non-resident plaintiff must give bond for costs (ten dollars if a justice suit, forty dollars if to a higher court is the usual amount).

Civil cases are tried to the court without a jury, unless one of the parties asks for a jury trial.

XXI. TAXES:

Tax-lists are made in October, as of the first of October, and taxes are payable differently in different towns; usually April 1st. After one month, nine per cent interest is collected. Taxes have a lien on real estate for the amount assessed on such real estate, which takes precedence of all other incumbrances. Demand must be made by mail on non-residents, if their residence is known. Unpaid taxes may be collected by levy and sale, or by foreclosure of the tax lien. In the former case, the tax title may be defeated by redemption within one year from the sale.

XXII. WAGES:

Are preferred to the extent of one hundred dollars earned within three months preceding insolvency. They are exempt to the amount of fifty dollars from factorizing process, except for board.

XXIII. WILLS:

Wills may be made by all persons eighteen years of age. They must be in writing, subscribed by the testator, and witnessed by three persons, all subscribing in his presence, and in presence of each other. Marriage of, or birth of a child to the testator operates as a revocation, unless provided for in the will. After-acquired real estate is devised by proviso conveying all the testator's real estate. Wills executed according to the laws of the state where they were made are valid in this State.

CORPORATIONS.

I. ORGANIZATION:

Any three persons, by written agreement, stating the name, purpose, location, capital stock and the names and shares of each stockholder, may form a joint-stock corporation for any lawful business in this State, "and out of this State, whatever business may be incidental to the business within it." Such business shall not be trust, insurance, buying and selling real estate, banking or trading in bonds, notes or other evidences of indebtedness, or trafficking in letters patent or patent rights. The name must begin with "the" and end with "company" or "corporation." The shares must be of the par value of one hundred dollars, fifty dollars or twenty-five dollars.

The articles of association must be published at full length in a newspaper published in the county of location, and a copy thereof, with a certificate of its publication, the names and residences of the subscribers, the stock taken by each, the amount actually paid in in cash, and the amount in property, with schedules thereof, must be made, signed and sworn to by a majority of the directors and recorded in the offices of the Secretary of State and of the town clerk in the town of location.

II. STOCK AND REPORTS:

No business can be done until the entire stock is subscribed, and at least twenty per cent paid in in cash. Annual reports showing stock paid in, value of real estate, value of personal estate, excluding patents, debts, credits, name, residence, and number of shares of each stockholder, must be filed with the town clerk and Secretary of State. (Rev. St. 1888, §§ 1944-1948.)

III. INCORPORATION FEES:

No application to the General Assembly for a charter for a corporation to perform its principal business outside the State shall be heard until the applicants have paid to the Treasurer of the State one hundred dollars; and before beginning business they shall pay such farther sum, not less than one hundred dollars nor more than five thousand dollars, as the State Board of Equalization shall determine. This is in lieu of all franchise tax but not of tax on property or on the shares of stockholders within this State. (Rev. St. 1888, §§ 1912-1916.)

MINING.

I. ALIENS:

There is almost an entire absence of either legislation or judicial decision in regard to mining and quarrying in Connecticut. Non-resident aliens who (except citizens of France) are incapable of holding real estate for other purposes, may acquire and hold real estate for the purpose of quarrying, mining, dressing or smelting ores, or "converting the products of such quarries and mines into articles of trade or commerce;" but shall forfeit their title if such land ceases for ten consecutive years to be used for such purposes. (Rev. St. 1888, § 16.)

DIGEST OF THE

Commercial, Corporation and Mining Laws OF DELAWARE.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by JAMES W. PONDER, Attorney-at-Law, Market Street, Wilmington, Delaware.

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II. Attachments.
III. Court Fees.
IV. Depositions.
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VII. Limitations.
VIII. Married Women.
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CORPORATIONS:
I. Organization.
II. Powers.
III. Dissolution.

MINING:
No special provision for such by the state.

COMMERCIAL LAW.

I. ASSIGNMENTS:

In every case of voluntary assignment for the benefit of creditors, it is the duty of the assignee to, within thirty days, file in the office of the register in Chancery an inventory or schedule of the estates and effects so assigned, accompanied with an affidavit by such assignee that the same is a full and complete inventory to the best of his knowledge.

If a joint debtor pays the whole he is entitled to such assignment to enable him to recover a proper proportion of the money paid. (R. S., Chap. 187.)

II. ATTACHMENTS:

Wages cannot be attached in this State.

A writ of domestic attachment may issue against an

inhabitant of this State, after the return to a summons or a capias issued and delivered to the sheriff or coroner ten days before the return thereof, showing that the defendant cannot be found and proof satisfactory to the court of the cause of action; or upon affidavit made by the plaintiff or some other credible person and filed with the prothonotary, that the defendant is justly indebted to the plaintiff in a sum exceeding fifty dollars, and has absconded from the place of his usual abode or gone out of the State with intent to defraud his creditors or to elude process.

A writ of foreign attachment may issue against any person not an inhabitant of this State after the return to a summons or capias issued or delivered to the sheriff or coroner ten days before the return thereof, and showing that the defendant cannot be found and proof satisfactory to the court of the cause of action; or upon affidavit made by the plaintiff or some other credible person and filed with the prothonotary that the defendant resides out of the State and is justly indebted to the said plaintiff in a sum exceeding fifty dollars. (R. S., Chap. 104.)

III. COURT FEES:

Acknowledgment before notary public, justice or clerk of court	$ .50
Attachment: from $5 to	10.00
Appeal: contingent.	
Commencement of suit in Justice Court	5.00
Commencement of suit in court of record	10.00
Incorporation	25.00
License for mining: none.	
Mandamus	5.00
Probate	5.00
Record: for mortgage	1.75
For deed	2.00
Sheriff: contingent.	
Witness: mileage, and per day	1.00

IV. DEPOSITIONS:

In cases before justices of the peace, where there is a material witness out of the county whose attendance it is not practicable to procure, the justice may make a rule that his deposition should be taken before a commissioner named by him.

V. INTEREST AND USURY:

The legal rate of interest is six per centum per annum; and if any person shall directly or indirectly take for the loan or use of money more than that amount he shall forfeit and pay to anyone who will sue for the same a sum equal to the money loaned, one-half for the use of the person so suing, and the other one-half for the use of the State.

If any bank incorporated by any law of this State shall engage in any transaction the amount of profit of which shall exceed the rate of one per cent for sixty days, such bank shall be deemed and taken to have forfeited its charter; and the directors or managers of the bank shall be guilty of a misdemeanor, and shall be fined at the discretion of the court.

VI. JUDGMENTS:

A judgment binds lands only from the time of actually entering or signing it; and binds only the land in the county where it is recorded.

When plaintiff is a non-resident and has had notice to appear and accept satisfaction of a judgment of the defendant, and fails to do so for the space of thirty days, the defendant may deposit the amount due in the Farmers' Bank of the State of Delaware, subject to the order of the plaintiff, and upon certificates from the cashier of said bank, the proper officer of the court shall make satisfaction of the judgment on the record.

VII. LIMITATIONS:

No action of trespass, replevin, detinue, debt not found upon a record or specialty, account, assumpsit, nor action of the case can be brought after the expiration of three years from the accruing of the cause of action.

A clear and unequivocal acknowledgment of a debt will revive a debt the same. All actions for the recovery of real property may be brought within twenty years from the accruing of such cause of action. (R. S., Chap. 123.)

VIII. MARRIED WOMEN:

All the real and personal property of any married woman which she may acquire in any manner whatsoever from any person other than her husband, shall be her sole and separate property. Any married woman may receive the wages of her own personal labor and maintain an action therefor in her own name; and hold them in her own right against her husband or any other person, and may deposit the same to her own name in any bank.

IX. MORTGAGES:

There is no equity of redemption when real property is sold on execution. There is no power of sale contained in the mortgages in common use, but they are foreclosed by legal process. A mortgage has priority according to the date of record in the proper office, without respect to the time of its being sealed and delivered; and shall be a lien from the date of recording and not before. A purchase money mortgage must be recorded within thirty days after making it, in order to give it preference to any judgment against the mortgagor, or any other lien created by him of a date prior to such mortgage.

CORPORATIONS.

I. ORGANIZATION:

Under State laws, any three or more persons may become incorporated for the purpose of carrying on any manufacturing business, preserving animal and vegetable food, draining low lands, for building and loan associations, and for charitable, religious and literary purposes; but in practice, most of the Delaware corporations are chartered by a special act of the Legislature. No corporation can be so chartered except by the concurrence of two-thirds of each branch of the Legislature. When so incorporated, the act itself defines the powers, rights and liabilities of the corporation, so far as its provisions express.

The mode of incorporation prescribed by the general act, is for the persons to prepare a certificate, which shall set forth: 1. The corporate name. 2. The object of the corporation and the location of the principal place of business. 3. The amount of capital stock, the number and par value of shares, and the amount to be paid in before commencing business, which shall not be less than ten per cent of the whole capital; this not applying, however, to religious, charitable and literary corporations. 4. The name and residence of the original subscribers to the capital stock, or, if there be no stock, of the original corporators; a majority of whom must be bona fide residents of Delaware. 5. The periods at which the corporation shall commence and terminate, not exceeding twenty years. 6. The value of real and personal estate of which the corporation may become seized and possessed.

The certificate may also contain any limitation upon the powers of the corporation, the directors and the stockholders which may be desired by the parties signing the same. Said certificate must be signed by the original corporators, or a majority of them, and acknowledged before any officer authorized by the laws of this State to take acknowledgments of deeds. The certificate must then be approved as to form, contents, object and legality by the resident judge of the county where the principal place of business is to be located, who endorses thereon his approval and transmits the certificate so endorsed to the Secretary of State, to be filed in his office; and a copy of the same, furnished and certified by the said secretary, under his hand and seal of his office, must then be recorded in the recorder's office of the county where the application is made. The subscribers are thus incorporated for the time limited in the charter, not exceeding twenty years, but the legislature may at pleasure dissolve any corporation created by virtue of the act, or alter and amend its charter; which also, upon expiration of the corporate term, may be renewed by the legislature.

Notice of intention to apply for incorporation must be published daily (if there be a daily paper published in the county), in two newspapers in the county where shall be the corporation's place of business, for at least ten days immediately prior to the application.

II. POWERS:

Unless inconsistent with the express provisions of its charter, every Delaware corporation has the usual powers of succession by its corporate name, and also: 1. To sue and be sued, complain and defend in any court of law or equity. 2. To make and use a common seal. 3. To hold, purchase, mortgage and convey such real and personal estate as the purposes of the corporation shall require, not exceeding the amount limited in its charter; and all other real estate which shall have been bona fide mortgaged to the said company by way of security or conveyed to them in satisfaction of debts previously contracted in the course of dealing, or purchased by it upon judgment or decree obtained for said debts. 4. To appoint such subordinate officers and agents as the business of the corporation shall require; make by-laws not inconsistent with the laws of the United States or of this State; and elect a board of directors for the management of its property, regulation and government of its affairs, and transfer of its stock. 5. To wind up or dissolve itself, or to be wound up and dissolved.

Banking powers are expressly withheld from these corporations; and provisions have been enacted holding the directors personally liable for declaring dividends, except out of the net profits or for loaning part of the capital to the officers or stockholders.

The franchise of a corporation may be sold upon execution process the same as the property of a corporation.

III. DISSOLUTION.

A company can dissolve itself by action of its stockholders at a meeting called for that purpose, fully advertised, and upon notice sent to each stockholder, but there must be a two-thirds affirmative vote of those in interest. Failure to elect officers annually will not work a dissolution.

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF THE

DISTRICT OF COLUMBIA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by PADGETT & FORREST, Attorneys-at-Law, 317, 319 4½ Street, Washington, D. C.

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COMMERCIAL LAW.

I. ALIENS:

Are not entitled to letters of administration. No person who is not or who has not declared his intention to become a citizen of the United States; no corporation not created by or under the laws of the United States or of some state or territory thereof; and no corporation or association, more than twenty per centum of the stock of which is owned by persons, corporations or associations not citizens of the United States, may acquire, hold or own real estate or any interest therein acquired since March 3d, 1887, except such as may be acquired by individuals by inheritance, or in the course of justice in the collection of debts created before that date, and except (in the case of individuals) in cases in which the right is secured by treaty (24 Stats. 476); but this law does not relate to the ownership of legations or the ownership of residences by representatives of foreign governments or attaches thereof. (25 Stats. 45.) Personal property is distributed according to the laws of this District, no matter in what country the next of kin resides. Aliens, who are citizens or subjects of any government which accords to citizens of the United States the right to prosecute claims against such government in its courts, shall have the privilege of prosecuting such claims against the United States in the Court of Claims, whereof such court by reason of the subject matter and character, might take jurisdiction. (Rev. Stats. U. S., Sec. 1068.)

II. ASSIGNMENTS:

Voluntary assignments for the benefit of creditors may be made, but no preferences are allowed. An inventory is made under oath, of the property of the debtor, and a list of his creditors with their respective residences and the amount of each demand must be attached. Such inventory is not conclusive as to the amount of debtor's estate. Assignee must be a resident of the District and the assignment must be acknowedged and recorded. Any creditor may, in equity, attack an assignment as made to delay, hinder or defraud creditors, without first reducing his debt to judgment. No insolvent law. An execution delivered to the marshal and not returned will not be affected by the debtor's assignment.

III. ATTACHMENTS:

Writs of attachment and garnishment are issued at the commencement of or during pendency of a suit; when the plaintiff, his agent or attorney, files an affidavit, supported by the testimony of one or more witnesses, showing grounds upon which same is based, and that defendant is: 1. A non-resident of the District. 2. Evades the service of ordinary process by concealing himself or withdrawing from the District temporarily. 3. Has removed, or is about to remove, some of his property from the District, so as to defeat a just demand against him; or has assigned, disposed of, or secreted; or is about to assign, dispose of, or secrete property with intent to defraud his creditors. Plaintiff shall also file bond, to be approved by the clerk of the court, to make good all costs and damages defendant may sustain by wrongful suing out of the attachment. Attachment can be discharged by defendant giving approved bond to pay final judgment. Suit may be brought before an attachment can issue; and attaching creditors are paid in full according to the date of their respective attachments.

Interrogatories in writing, with a copy of the rule of court concerning the attachment, may be served on the garnishee at time of service of attachment; or at any time. Answer thereto, under oath, must be filed within ten days; otherwise judgment may be taken against the garnishee.

IV. CLAIMS AGAINST ESTATES:

Claims against the estates of deceased persons must be presented to the Orphans' Court, accompanied by the affidavit of the claimant, that the claim is just and true, and that no part of the same, nor any security therefor, has been received except what (if any) has been credited. When a claim is passed by the court, the personal representative of the decedent must pay it or such part of it as the funds in his hands will admit. When the decedent left insufficient personalty to discharge his obligations, and left real estate, a creditor can proceed against such real estate by a creditor's bill without having obtained a judgment at law. If a creditor be the executor or administrator, he must make oath that it does not appear from any books or writing of his testator or intestate that any part of said claim has been discharged, except what is credited, and that, to the best of deponent's knowledge and belief, no part of said claim has been discharged, and no security or satisfaction given for the same except what is credited. (Maryland Act, 1798.)

V. COURTS:

The Court of Appeals of the District consists of a chief justice and two associate justices; and has appellate jurisdiction of final orders, decrees, etc., and interlocutory orders affecting the possession of property, of the Supreme Court. It has jurisdiction also of appeals from the commissioner of patents. Writs of error and appeal lie to the Supreme Court of the United States in all cases in which the amount in dispute, exclusive of costs, exceeds five thousand dollars; or in which is involved the validity of any treaty or statute or of any authority exercised under the United States; and also when the validity of any patent or copyright is in question. (Act of February 9, 1893; 27 Stat., 434.)

The Supreme Court of the District consists of six justices; and has general jurisdiction in law and equity, and possesses the powers and jurisdiction exercised by the Circuit Courts of the United States. It sits in general term, held by not less than two justices, but has no jurisdiction to hear appeals from a special term; and in special terms is known as the Circuit Court, Orphans' Court, Equity Court and Criminal Court. It also holds a District Court of the United States for said District. It has power to establish, revise and alter rules of practice; and may issue mandamus to heads of executive departments.

Justices of the peace have jurisdiction of all civil cases, including attachment and replevin, when the amount claimed or property sought to be recovered shall not exceed three hundred dollars, except in cases involving the title to real estate, actions to recover damages for assault, for malicious prosecutions, for slander verbal or written, for breach of promise, or actions against officers for misconduct in office. Their jurisdiction is exclusive and original up to one hundred dollars, and concurrent with the Supreme Court up to three hundred dollars.

VI. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .50
Attachment: deposit	5.00
For service on each defendant	1.00
Appeal: to Circuit Court from justice of the peace	5.00
Commencement of suit in Justice Court: deposit	3.00
Commencement of suit in court of record: deposit	10.00
Service on each defendant	1.00
Incorporation: nominal, simply filing fee of articles according to length.	
Mandamus: deposit	10.00
Protest: 10 cents for each notice, and	1.75
Record: for each instrument containing 200 words or less	.50
Each additional 100 words	.15
Marshal: same as United States marshal.	
Witness: mileage 5 cents, and per day	1.50

VII. DEEDS:

Acknowledgments of deeds within the United States may be made before any judge of a court of record and of law; chancellor of a state, or judge of the Supreme, Circuit, District or Territorial Courts of the United States; and any justice of the peace, notary public, or commissioner of the Circuit Court of the District appointed for that purpose. Where acknowledgments are made beyond the limits of the District, and within the United States, such must be accompanied with prescribed certificate of

authority of officer taking the same. Deeds made in foreign countries may be executed and acknowledged before any judge or chancellor of any court, master or master extraordinary in chancery, or notary public; or before any secretary of legation or consular officer of the United States; except when taken before a secretary of legation or consular officer of the United States, the authority of officer taking the same must be certified to as aforesaid. There are no statutory requirements as to witnesses.

Any title, bond, or other written contract in relation to land, may be proved, acknowledged, certified and recorded in the same manner as are deeds; and when delivered to the recorder for record, is notice to all subsequent purchasers of the existence of the same. When a married woman is a party with her husband to any deed, she must be examined in relation thereto by the officer taking the acknowledgment, privily and apart from her husband. All deeds, deeds of trust, mortgages, conveyances, covenants, agreements or any instrument of writing which by law is entitled to be recorded, shall take effect and be valid as to creditors and subsequent purchasers for valuable consideration, without notice, from the time when such deed shall, after having been acknowledged, approved or certified, be delivered to the recorder of deeds for record, and from that time only.

VIII. DEPOSITIONS:

May be taken out of the District under the Maryland Act of 1773, which requires appointment of commissioners therefor upon application in open court; or under the provisions of the Revised Statutes of the United States (Title 13, Chap. 17); or under the rules of practice of the Supreme Court of the District, whereby the testimony of non-resident witnesses can be taken on written interrogatories and cross-interrogatories, before an examiner appointed by the court, unless for special cause the court directs that the testimony be taken orally.

In a suit depending in any state, territorial or foreign court, the testimony of any witness found in the District may be taken upon a commission issued from such court, or upon notice to the same effect given according to rules of practice.

IX. DESCENT:

Real property of an intestate descends: 1. To child or children, and their descendants, equally. 2. If estate descended to the intestate on the part of the father, then to the father. 3. To brothers and sisters of the intestate of the blood of the father, and their descendants, equally. 4. To the grandfather in paternal line, and his descendants, equally, and so on ad infinitum, in ascendant and collateral order. 5. If no paternal ancestor or descendant from such, then to the mother of the intestate, and her line in the same manner. If the estate descended to the intestate on the part of the mother, then it follows the mother's line, and afterwards, that of the father, as above directed. When estate is vested in intestate by purchase, it descends, failing children or descendant, to brothers and sisters, and their descendants; failing these, to ascendant and collateral order in the paternal and maternal lines alternately. In absence of these, said estate goes to surviving husband or wife, and if such be dead, to their kindred, substantially as before.

Personal property of an intestate, after payment of debts and expenses of administration, goes wholly to the widow in absence of child, parent, grandchild, brother or sister or descendant of such last; if there be a child or children, or descendants of such, the widow has one-third only. If there be no such child or descendant, but father, mother, brother or sister, or child of such brother or sister, the widow has one-half. The surplus, exclusive of the widow's share, or whole surplus if there be no widow, is divided equally among the children, reckoning settlements or portions advanced. (Maryland Act, 1798, Chap. 1.)

X. EXECUTIONS:

May be levied by writ of fieri facias on real or personal property, and are liens upon personal property from the time they are placed in the hands of the marshal until return is made. After judgment is entered, execution may issue unless motion be made to vacate or set aside the judgment or an appeal is duly taken therefrom. No writ of appeal shall stay execution where judgment is for a specific sum, unless the appellant give a bond with a sufficient surety, to be approved by the court, in favor of other party.

XI. EXEMPTIONS:

To the head of a family or a householder there is exempt from levy and sale on execution: All wearing apparel, beds, bedding, household furniture, stoves, cooking utensils, etc., not exceeding three hundred dollars in value; provisions for three months' support; fuel for three months; mechanic's tools, and implements of the debtor's trade or business amounting to two hundred dollars in value, and two hundred dollars' worth of stock for carrying on business; the library and implements of a professional man or artist, to the value of three hundred dollars; one horse, one mule or yoke of oxen, one cart, wagon or dray, and harness for such team; farming utensils, with food for such team for three months; and if debtor be a farmer, any other farming tools of the value of one hundred dollars; all family pictures and family library not exceeding in value four hundred dollars; one cow, one swine, and six sheep. None of the property named is exempted from attachment or execution for any debt due for wages of servants, common laborers, or clerks; except wearing apparel, beds and bedding, and household furniture and provisions for the debtor and family.

The earnings, not to exceed one hundred dollars each month, of all actual residents of the District, and who are married persons, or who have to provide for the support of a family in the District for two months next preceding the issuance of any writ or process from any court or justice of the peace against them, shall be exempt from attachment, levy, seizure or sale, upon such process; and the same shall not be seized, levied on, taken, reached, or sold by attachment, execution or any other process or proceeding. (Act of Congress, June 19, 1878.) There is no homestead exemption.

XII. INTEREST AND USURY:

The rate of interest on judgments or decrees and loan or forbearance of any money, goods or things in action, is six per cent. Parties may stipulate for a rate not exceeding ten per cent. An agreement in writing for a higher rate than ten per cent, or a verbal agreement for a higher rate than six per cent, forfeits all interest, and the principal only can be recovered. If a higher rate be paid, the whole interest can be recovered in suit brought within one year after payment. (Revised Statutes, District of Columbia, Sec. 713-717.) After maturity notes bear interest at six per cent, notwithstanding a different rate, if prescribed in the note, unless provision be made therein for such different rate until paid.

XIII. JUDGMENTS:

Of the Supreme Court are liens upon the real estate of the debtor from rendition, when said debtor holds the legal title; and are liens upon personal property when execution is issued and in marshal's hands. Judgments may be enforced against the equitable interest of a debtor in real estate by a creditor's bill, and may be revived by a scire facias in accordance with the Statute of Westminster, 2, Edward I, Chap. 45. Action of debt lies on judgment. Mutual judgments may be set off against each other.

Judgment cannot be confessed or entered under power of attorney separate or contained in judgment bonds. The judgment of a justice of the peace, amounting with the interest to twenty dollars, exclusive of costs, after the return of execution unsatisfied, may be docketed in the Supreme Court, and have the same effect as to lien and execution as a judgment of said court.

XIV. LIENS:

A landlord has a tacit lien upon such of a tenant's personal chattels, on the premises, as are subject to execution for debt, commencing with the tenancy and continuing for three months after the rent is due, and until the termination of any action for such rent brought within said three months.

Any mechanic or artisan who shall make, alter or repair any article of personal property at the request of the owner, shall have a lien thereon for his just charges for work done and materials provided, and may retain the article until charges are paid; and if such are not paid at the end of six months, may sell the property at public auction after advertising once a week for three weeks.

Any contractor, sub-contractor, material-man, journeyman or laborer, upon filing notice thereof in the office of the clerk of the Supreme Court of the District, during construction or within three months after the completion of any building, may have a lien upon the ground and building, which shall be preferred to all incumbrances recorded subsequent to the commencement of said building. Such lien shall not exceed or be enforced for a greater sum than the amount of the original contract; and may be enforced by a suit in equity, which must be brought within one year after filing aforesaid notice, or the completion of said building. All lienors may join in the same suit.

The property may be released from lien upon the defendant's filing a bond, to be approved by the court, conditional that judgment and costs will be paid; and judgment may be rendered against all persons executing the bond. Upon satisfaction of the claim and payment of costs, satisfaction must be entered on the records within two days under penalty of the forfeiture of fifty dollars and damages to the aggrieved party. (23 Stat. 64.)

XV. LIMITATIONS:

Actions upon simple contract, book debt or account; for debt, detinue and replevin; for trespass quare clausum fregit, and for injuries caused by negligence, must be brought within three years ensuing cause of action; but this provision does not apply to accounts between merchants.

Actions for libel, slander, assault, false imprisonment,

death by wrongful act, and to recover usurious interest, must be brought within one year.

Actions on contracts under seal and on judgments must be brought within twelve years. To foreclose a mortgage or deed of trust, within twenty years. Twenty years adverse possession of real estate bars entry, save as to persons under disabilities. No execution in favor of persons beyond the District can be relied on.

XVI. MARRIED WOMEN:

A married woman holds real estate and personal property belonging to her at the time of marriage, or acquired during marriage in any other way than by gift or conveyance from her husband, as absolutely as if she were unmarried; and it is not subject to the disposal of her husband or liable for his debts. She may convey, bequeath, and devise her property and contract, sue and be sued in matters relating to her separate property as though she were unmarried. Her earnings belong to the husband. The estate of dower exists as at common law, but there is no dower in an equity of redemption. Curtesy exists as at common law in such of her real estate as she does not dispose of during life or by last will.

XVII. MORTGAGES:

Are not in use. Deeds of trust prevail as chattel and real estate securities. Deeds of trust on both real and personal property usually confer power on the trustee to sell upon default of payment of the debt, note or interest, after giving notice of sale by advertisement; and no proceedings in court are necessary to make a valid sale. There is no redemption from such a sale; though the court may set aside the sale upon proper grounds being shown. Release of a deed of trust is by deed of release from trustee. No deed of trust, bill of sale, or mortgage upon any articles exempted by law from execution shall be valid or binding unless signed by the wife of the debtor, if he be married and living with his wife. (Rev. Stats. D. C., Sec. 798.) Deeds must be recorded within ten days.

XVIII. NOTES AND BILLS:

The law merchant is in force as to presentation, acceptance, etc. By custom, three days' grace is allowed. Every Saturday from twelve o'clock noon is a legal holiday for all purposes respecting all commercial paper, and such paper becoming due and presentable on such half holiday (Saturday) is due and presentable on the business day next following. And all commercial paper maturing for payment or presentation on any full legal holiday or Sunday is payable or presentable on the business day next succeeding. (27 Stat. 405-755.) Where money is payable by two or more persons jointly or severally, the plaintiff, at his option, may include in his declaration any or all the persons liable.

XIX. SUITS:

Every civil action is begun by filing a libel, bill, petition or declaration in the clerk's office, and making the necessary deposit for costs. Where plaintiff is nonresident, upon motion of the defendant, security for costs will be required.

The common law distinction between law and equity is preserved. The declaration may include all causes of action of the same nature, but such must be stated in separate counts. In an action by a husband and wife, the declaration may include all causes of action of the same nature they jointly or severally have against the defendant, stating each cause in a separate count; and should either plaintiff die pending the suit, it will abate as to such cause as does not survive. Where money is payable by two or more persons, jointly or severally, all or any of the parties may be included in the same declaration.

Foreign administrators or executors may maintain any suit or action as though letters testamentary had been granted in the District; and letters testamentary, or of administration, or duly certified copies thereof shall be evidence of the granting of the same. (Act of Congress, February 28, 1887.)

XX. TAXES:

Taxes are payable semi-annually, one-half in May and the other half in November. They become delinquent one month after they are payable, and are subject to a penalty of two per cent per month until paid. All property on which taxes are in arrears on July 1st of each year is liable to be sold at the tax sale, which begins three weeks from the third Tuesday in March following. If property is not redeemed within two years from the date of sale, a deed issues to the purchaser, which is presumptive evidence of compliance with all prerequisites of the law respecting such sale. (24 Stat. 364.) Minors and other persons under legal disability are allowed one year to redeem, after the removal of such disability.

XXI. WILLS:

No will, testament or codicil is effectual for any purpose whatsoever, unless the person making it was, at the time of execution or acknowledgment, of sound and disposing mind, and capable of executing a valid deed or contract. Any male twenty-one years of age, and female eighteen years of age, may make a valid will. All devises and bequests of lands must be in writing and signed by the person devising the same, or by some other person in his presence, and by his express direction, and must be attested and subscribed in presence of said devisor by three or four credible witnesses.

Where it appears from the will that it was the intention of testator to devise after acquired property, such property passes thereunder. And whenever testator requests that executor be not required to give bond, then a bond merely sufficient to pay testator's debts will be required. The record and probate of a will in the District or elsewhere, shall be taken to be prima facie evidence of its contents and execution. No particular form is required for a will of personal property.

CORPORATIONS.

I. ORGANIZATION:

Corporations may be formed for certain purposes under the general law by making and acknowledging a certificate to be filed with the recorder of deeds. (Rev. Stats., D. C., Sec. 519, et. seq., and amendments.) There are different methods of incorporation and different powers, liabilities, etc., provided for the different classes: 1, institutions of learning; 2, religious societies; 3, benevolent, educational, etc., societies; 4, manufacturing, agricultural, mining, mechanical, insurance, mercantile, transportation, market and savings bank companies; 5, cemetery associations; 6, boards of trade; 7, railroad companies.

Special provision is made for the organization of corporations for carrying on safe deposit, trust, loan, mortgages, title insurance, security, guaranties and indemnity business; where provision differs materially from that for corporations under the general law.

II. POWERS:

Generally, to sue and be sued by corporate name, to buy and sell property of every kind necessary to the conduct of its business, and to do all other things lawful and necessary for such purposes.

III. CAPITAL STOCK:

Nothing but money is considered as payment of capital stock. No company may use its funds to purchase stock of other corporations. No loan may be made to any stockholder, and the officers making or assenting to such are jointly and separately liable, to the extent of such loan, for all debts contracted while they are stockholders or officers. Certain liabilities also attach to trustees for making unlawful dividends or incurring indebtedness in excess of the capital stock.

IV. REPORTS:

A report must be made annually, stating the amount of capital, the portion paid up and existing debts. Failure of compliance with this requirement renders all trustees jointly and severally liable for debts then existing and for all contracted until such report shall be made. If any certificate, report or public notice be false in any material representation, all officers signing the same knowing it to be false shall be jointly and severally liable for all debts contracted while they are stockholders or officers.

V. LIABILITY OF STOCKHOLDERS:

Stockholders are severally individually liable to the creditors of the company to the amount of stock held by them respectively, for all debts and contracts made until the capital is fully paid in and the certificate thereof recorded.

No stockholder shall be personally liable for any debt not paid within one year, unless suit be brought against company within said year. No suit may be held against any stockholder ceasing to be such for any debt unless commenced within two years from the time of so ceasing; nor until an execution against the company be returned unsatisfied in whole or in part.

VI. DISSOLUTION:

Congress may at any time amend or repeal any incorporation created under this law; but any such amendment or repeal shall not, nor shall the dissolution of any company formed under this law, take away or impair any remedy given against any such corporation, its stockholders or officers, for any liability which shall have been previously incurred.

VII. FOREIGN CORPORATIONS:

In actions against a foreign corporation doing business in the District, process may be served on the agent or person conducting its business; or in case he is absent or cannot be found, by leaving a copy at the principal place of business in the District, and such service shall

be effective to bring the corporation before the court. (Rev. Stats., D. C., Sec. 709.)

By act of July 29, 1892, foreign corporations doing business in the District of Columbia are required to publish in at least two daily papers printed in the District of Columbia, semi-annually, during the months of March and September of each year, a full statement, under oath, showing their capital stock and the amount paid in on account of the same—assets liabilities, debts, deposits, dividends and dues—as well as their current expenses during six months ending January and July preceding under a penalty of revocation of license or permit to do business in the District of Columbia.

Fraternal beneficial associations or societies doing business on the lodge plan, and paying death benefits, are exempted from the provisions of this act. (Act of July 29, 1892; 27 Stats. 325.)

DIGEST OF THE

Commercial, Corporation and Mining Laws OF FLORIDA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by ADAMS & L'ENGLE, Attorneys-at-Law, 12 and 13 Law Exchange, Jacksonville, Florida.

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COMMERCIAL LAW.

I ALIENS:

In Florida, aliens have the same property rights as citizens.

II ASSIGNMENTS:

Assignments must be in writing, acknowledged and recorded, and include all the assignor's property not exempt. Preferences are forbidden. The assignee must file a list of assets, and give bond in double the appraised value of the assigned property.

Notice of the assignment must be published for four weeks by the assignee, calling upon all creditors to file their claims with him for distribution. Creditors living within the State of Florida have sixty days in which to file their claims with the assignee; non-resident creditors have four months.

The assignee must realize upon the assets assigned, as soon as practicable, and divide the same ratably among the creditors who have filed their claims. All claims should be proved by affidavit before they are filed. The assignee is required to file copies of his accounts with the clerk of the Circuit Court every six months, and is discharged by order of the judge of that court upon petition and accounting.

III ATTACHMENT:

Writs of attachment are issued by the clerk of the court having jurisdiction of the amount (see "V. Courts"), upon affidavit of the plaintiff or his agent that the debt is due and that the debtor: 1. Will fraudulently part with his property before judgment can be obtained against him. 2. Is actually removing his property from the State. 3. Is about to remove his property from the State. 4. Resides beyond the limits of the State. 5. Is about to move beyond the limits of the State. 6. Is actually moving himself out of the State. 7. Is absconding. 8. Is concealing himself. 9. Is secreting his property. 10. Is fraudulently disposing of his property. 11. Is actually removing himself beyond the limits of the judicial circuit in which he resides; or, 12. Is about to remove himself beyond the limits of said circuit.

Attachments will issue if the debt is due within nine months after the issuance of the writ upon filing the same bond and affidavit setting forth that the defendant: 1. Is actually removing his property beyond the limits of the State; or, 2. Is fraudulently disposing of his property for the purpose of avoiding his just debts.

Before the writ issues the plaintiff must file a bond in double the amount of the claim sued upon, signed by two sureties, and approved by the officer issuing the attachment.

The attached property may be restored to the defendant, or any person for him, upon his giving a similar bond to the sheriff, in twice the value of the goods levied upon, the value to be fixed by the sheriff. Third persons may replevin the attached property by giving bond in double the value of the property. Perishable property may be sold by order of the court, and the proceeds held in place of the goods.

Where the defendant is out of the State, service is obtained by publication of the notice of attachment in a paper published in the county for three months, or if the suit is pending in the Justice's Court, for sixty days. Shares of stock in corporations are liable to attachment and sale. The practice in attachment suits is the same as in others at common law.

IV. CLAIMS AGAINST ESTATES:

Such claims must be filed with the administrator or executor, verified by oath, within two years after the publication of notice to creditors and legatees calling in claims. Claims not filed within this time are conclusively barred. In estates the value of which is less than two thousand dollars, only one year is allowed in which claims must be filed. If personal property of the estate is insufficient to pay the debts, the realty may be sold by the executor on order of the Probate Court, after proper proceedings for that purpose.

The following is the order of the payment of the debts of a solvent estate: 1. Funeral expenses. 2. Board and lodging during last illness of decedent. 3. Physicians' attendance, nursing and drugs. 4. Judgments of record. 5. All other debts.

If the estate is insolvent, the order of payment is: 1. Expenses of administration. 2. All other debts in the order named for solvent estates.

V. COURTS:

The Supreme Court, with general appellate jurisdiction from the Circuit Courts, has original jurisdiction to issue writs of mandamus, quo warranto, injunction, habeas corpus, and the like. It holds two terms a year, in January and June; and has three judges, elected by popular vote for six years.

The Circuit Court is divided into seven judicial circuits, each of which is presided over by a single judge, appointed by the Governor for six years. This court has general original jurisdiction of all cases at law involving more than one hundred dollars, and exclusive original jurisdiction of all cases in equity, of titles to real property and criminal cases the punishment of which is capital. In counties where County Courts or Criminal Courts of Record do not exist, the Circuit Court has general cognizance of inferior crimes. It exercises appellate jurisdiction of cases taken by writ of error from Criminal Courts of Record, County Courts, County Judges' Courts, and Municipal Courts. This court holds two terms a year.

The County Judges' Court has exclusive original probate jurisdiction in the administration of the estates of deceased persons and minors, and has civil and criminal jurisdiction of justices of the peace. The court is always open for the transaction of probate business.

County Courts exist in some counties by special enactment, with jurisdiction of civil cases at law not involving more than five hundred dollars, and all criminal offenses, except capital crimes. The County judge presides over these courts where they exist, which is in only a few counties. This court holds four terms a year.

Criminal Courts of Record have been established in several counties by the Legislature to try all criminal cases except capital crimes. They have no civil jurisdiction, and have six terms a year.

Justices of the peace have jurisdiction of civil cases involving less than one hundred dollars, and the powers of a committing magistrate in counties in which either County Courts or Criminal Courts of Record exist. In other counties, they try minor offenses in the nature of simple misdemeanors. In civil cases they hold one term a month.

VI. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .50
Attachment, issuing writ	.50
Appeal—Too diverse and various to be set out here.	
Commencement of suit in Justice Court, deposit	5.00
" " " " court of record	10.00
Incorporation, on each $1,000 of capital stock	2.00
Incorporation fees not to exceed	250.00
License for mining, a graded tax (according to quality) on phosphates taken from navigable streams, is the only tax of this nature.	
Mandamus—No provision in statutes.	
Probate, issuing letters of administration or testamentary	3.00
Protest	2.00
Record, per folio	.15
Sheriff—Contingent.	
Transcriptions from records, per folio	.10
Witness, mileage and per diem	1.25

VII. DEEDS:

A deed signed, sealed and delivered by the grantor and witnessed by two persons, is required to convey any interest in lands greater than two years. A scrawl serves the purpose of a seal. A deed by one out of possession is void as against the person in possession.

To be valid against a creditor or subsequent purchaser, the deed must be recorded in the county wherein the land lies. To entitle a deed to be recorded, the grantor must acknowledge its execution before a notary public, or other officer authorized to take oaths and acknowledgments, whose certificate of the taking of the acknowledgment must accompany the deed.

A married woman's deed must be acknowledged separately and apart from her husband, which fact the certificate must show, as also that she executed the deed or conveyance without fear, apprehension, compulsion or constraint of or from her husband.

When taken out of the State of Florida, acknowledgments must be taken before a judge or clerk of any court of record, notary public, justice of the peace, or other officer authorized by the laws of the state or territory in which he resides to take oaths or acknowledgments therein. In foreign countries, the instrument must be acknowledged before a minister, consul, charge d'affaires, or commissioner of the State of Florida. The official seal of the officer taking the acknowledgment should always be annexed, if he has one; if not, a certificate of the Secretary of State, or proper officer of a court of record should accompany the acknowledgment to show the official character of the officer taking it.

A corporation may convey lands by deed sealed with its common seal and signed in its name by its president or other head officer.

VIII. DEPOSITIONS:

Detailed provisions exist permitting the taking of testimony of witnesses out of the State. (See Florida Revised Statutes, Sections 1123-1147.)

IX. DESCENT:

When there is no will, real estate descends to the children or their descendants. If there are no children, to the father; or if there is no father surviving, to the mother, brothers and sisters equally. Failing these, the estate is divided equally between the paternal and maternal kindred, to be divided between them as follows: First, to the grandfather, then to the grandmother, uncles and aunts and their descendants; and if there are none, then to the great-grandfather, or then to the great-grandmother, great uncles and aunts and their descendants, and so on ad infinitum.

The property of an infant, dying without issue, reverts to the kindred of the ancestor from whom is was acquired. Children of the half blood take only half portions. Entails and survivorship are forbidden.

X. EMINENT DOMAIN:

The right of eminent domain is exercised by petition, verified by oath, in the Circuit Court for the county in which the property to be taken lies; said petition setting up the authority for the exercise of the right, a description of the property, the names and residences of the occupants, owners and encumbrancers, purpose of taking, etc. A writ of scire facias is then issued and served on the defendants named in the petition, and in the case of non-residents, substituted service by publication is provided for. Defaults may be entered against defendant not appearing on the return day. Any person not made a party may intervene upon showing his interest.

No cause being shown to the contrary, three disinterested persons are appointed viewers who shall report: 1. An accurate description of the property taken. 2. The compensation therefor. 3. The amount of compensation to which each owner is entitled. Any defendant may appear before the viewers and demand a jury trial, which is of right. Judgment is entered on the verdict of the jury, or report of the viewers. The amount of the judgment must be paid into court within ten days from the entry of the judgment. Writs of assistance and attachments for contempt will issue against persons denying possession after judgment.

XI. EXECUTIONS:

Executions are issued as soon as judgment is entered; there are no stay laws in Florida. Lands, tenements, goods and chattels are subject to execution. Sale takes place on the first Monday in each month, after notice published for four consecutive weeks in some newspaper published in the county in which the sale takes place. Executions run throughout the State.

On affidavit of irregularity, and giving bond, a sale under execution may be stayed pending the determination of the issue of law. Third persons may reclaim property levied upon, by giving bond and making affidavit that the property is theirs. The issue made is tried by jury. Levy and sale may be enjoined on a proper case being made.

XII. EXEMPTIONS:

The head of a family may exempt one hundred and sixty acres of land in the country, or half an acre in an incorporated city. The person claiming the homestead must reside on the land in person. The exemption inures to the heirs and widow after the death of the original head of the family. The homestead may be alienated or conveyed by deed or mortgage, both husband and wife joining in the execution.

Personal property to the value of one thousand dollars is also exempt to the head of a family. The value is determined by appraisement, in case of disagreement. Life insurance is exempt. Wages resulting from personal labor or services is also exempt from garnishment or attachment.

XIII. INTEREST AND USURY:

The legal rate of interest is eight per cent. Judgments, decrees, and all contracts for the payment of money, where no other rate is expressed, draw interest at the legal rate. Ten per cent is the limit of interest allowed, and all interest is forfeited on a contract for the payment of a higher rate.

XIV. JUDGMENTS:

All judgments and decrees must be recorded in the counties in which the lands of the defendant are, when they become liens on such property. Judgments of the Federal Courts must also be recorded in the public records of the county before they become liens on the lands of the defendant therein. Judgments do not become liens on personal property until execution is issued and placed in the hands of the sheriff. (See, also, "XVI. Limitations.")

XV. LIENS:

All persons furnishing materials or labor for the construction or repair of any mill, building or other structure have a lien thereon for the value of their services. Materialmen must give notice to the principal debtor immediately, or they cannot claim a lien.

Stevedores, longshoremen and ship-storesmen have liens on the vessel for their materials and labor. Laborers and contractors have a lien on logs cut; printers and employes in stores, on the stock; agricultural laborers and overseers on crops.

Landlords have liens for rent on the furniture of the tenant, and persons making advances of money or goods to another to be used in logging, planting, farming or other kinds of business, have a lien on the thing grown or produced.

Notice of a lien on real estate must be recorded in the county where the property lies. These liens may be enforced by summary proceedings at law or by bill in chancery.

XVI. LIMITATIONS:

Where lands are held under color of title, actions for the recovery thereof must be brought within seven years; but if held without color of title the limitation is twenty years.

Suits upon judgments recovered in this State must be brought in twenty years, and upon those recovered in a foreign state seven years.

Suits upon contracts under seal are barred in twenty years; if in writing, but not under seal, in five years.

Actions for trespass, recovery of specific property, for a liability created by statute, and for contract not in writing (except on an open account) are barred in three years.

Actions on a statute for a penalty or on a tort should be brought in three years.

Actions upon a store account and all actions not hereinbefore enumerated are barred in four years. A promise to pay a debt barred by the statute of limitations must be in writing signed by the person sought to be charged.

XVII. MARRIED WOMEN:

A married woman may hold real estate and personal property as her separate property, not subject to the debts of her husband, although by law it remains in his custody and care, without his being accountable for or to the wife for its profits. The separate property of the wife is alone liable for her pre-nuptial debts. A married woman's wages and earnings are separate property. But

she cannot enter into contracts not having specific reference to her separate property; in other words, she cannot make a personal contract. A married woman may convey her real property by deed, her husband joining in the execution. In the same way she may charge or incumber her separate estate. The instrument must be acknowledged by the wife separately and apart from her husband. (See "VII. Deeds.") So she may make a will as if sole. Her separate real or personal property may be charged with the payment of the purchase price, and for repairs, improvements, or labor spent upon it. Her contract to convey real estate may be specifically enforced if acknowledged in due form.

Proceedings may be brought in the Circuit Court to have a married woman declared a free dealer, to contract and be contracted with, sue and be sued, in all things as if she were sole.

Dower of the wife is in this State statutory, being one-third interest for life in all her husband's realty, and one-half of the personal property absolutely. She may elect to take a child's part in lieu of dower.

XVIII. MORTGAGES:

A mortgage in this State is a specific lien, and does not give the right of possession. All instruments whose purpose is to secure the payment of money are deemed to be mortgages, and are subject to foreclosure. Mortgages are executed in the same manner that deeds are, and must be recorded to be valid against creditors and bona fide purchasers for value. They may be assigned, and the assignment of the instrument of indebtedness carries with it the mortgage security. The assignment of a mortgage must be recorded in a book provided for that purpose.

Satisfactions of mortgages may be made in person in the presence of the clerk of the court, who is the registrar of deeds, by the person holding the mortgage, a memorandum to that effect being entered on the margin of the record of the mortgage. Or they may be satisfied by a formal satisfaction-piece executed and acknowledged like a deed, and recorded in a book provided for that purpose. Mortgages may be foreclosed by bill or petition in chancery.

Chattel mortgages are executed and recorded as real estate mortgages are. Unless the property mortgaged is taken into the possession of the mortgagee, or is recorded within ninety days from its execution, they are not valid. Mortgages on a stock of goods which are being sold in course of trade are ineffectual as against creditors unless they contain provisions for periodical accountings by the mortgagor, where he remains in possession.

XIX. NOTES AND BILLS:

The principles of the law merchant prevail in Florida in reference to notes and bills. The following are legal holidays: January 1st (New Year's Day), January 19th (Lee's Birthday), February 22d (Washington's Birthday), April 26th (Memorial Day), June 3d (Jefferson Davis's Birthday), July 4th (Independence Day), December 25th (Christmas), Thanksgiving Day, fixed by proclamation; and general election days and Sundays.

Collateral securities taken to secure the payment of a debt, and unredeemed, may be sold by the holder upon the terms agreed upon when pledged. Factors and warehousemen's receipts are made negotiable. Provisions for the payment of attorney's fees, exchange or similar charges do not render the instrument non-negotiable.

XX. SUITS:

Actions are brought by the real party in interest. There is no code of practice in Florida, and the common law rules of pleading and practice prevail, although much modified by statute. Suits at law and in equity are kept distinct. Suits at law are commenced by filing a praecipe for summons with the clerk of the proper court; suits in equity by filing a bill of complaint.

XXI. TAXES:

The tax law now in force was adopted by the legislature of 1895. Real estate and personal property are taxed according to their cash value. The rate of taxation for the State is fixed biennially by the legislature; that of the counties by the county commissioners annually. Assessments are equalized by the county commissioners. All property is subject to taxation except that of religious, educational, literary, scientific and municipal corporations or associations. Taxes are payable annually between the first of November and the last of April in the year thereafter succeeding.

XXII. WAGES:

The wages of a married woman are her separate property. The wages of a head of a family are exempt from garnishment, except under statutory liability for the support of a parent.

XXIII. WILLS:

Wills can be made only by persons who have reached the age of twenty-one, whether the property to be devised be real or personal. Married women may make wills. Wills must be signed by the testator and witnessed by two persons when real property is conveyed. Wills of personal property need not be witnessed. Nuncupative wills must be made by the testator in the presence of three persons, and committed to writing within six days in the presence of a notary or other judicial officer, otherwise no testimony will be admitted to prove it after the expiration of six months.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

The constitution of the State provides: 1. That the State cannot pledge or loan its credit to, or become a joint owner or stockholder in, any company, corporation, or association, and that counties, cities, townships and incorporated districts shall not become stockholders in, obtain or appropriate money for, or loan their credit to, any corporation, association or institution.

2. That neither private property nor the right of way shall be appropriated to the use of any corporation until full compensation therefor shall be first made to the owner, or first secured to him by deposit of money; which compensation, irrespective of any benefit from any improvement proposed by such corporation, shall be ascertained by a jury.

3. That the property of corporations, except that of the corporation which shall construct a ship or barge canal across the peninsula of Florida, shall be subject to taxation unless such property be held and used exclusively for religious, scientific, municipal, educational, literary or charitable purposes.

4. That the legislature shall provide by general law for incorporating such educational, agricultural, mechanical, mining and other useful companies or associations as may be deemed necessary.

II. ORGANIZATION:

Any three or more persons may associate themselves and become incorporated for the transaction of any lawful business.

The proposed charter must be subscribed by three or more persons, and acknowledged by at least three of the subscribers before some officer authorized to take acknowledgment of deeds. It must set forth the name of the proposed corporation and the principal place of business; the general nature of the business to be transacted; the amount of capital stock authorized, the number and par value of the shares into which it is divided, and the terms and conditions upon which it is to be paid in; the term for which said corporation is to exist; by what officers the business of the company is to be conducted, and the times at which they will be elected; the names of the officers who are to conduct the business till those elected at the first election shall be qualified; the highest amount of indebtedness or liability to which the corporation can subject itself; and the names and residences of the subscribers.

The proposed charter, with notice of intention to apply to the Governor for letters patent thereon, shall be published once a week for four successive weeks in some newspaper published in the county where the place of business is to be located, which notice shall be signed by at least three of the subscribers. Proposed charter shall also be on file in the office of the Secretary of State during the four weeks of publication.

The proposed charter, with proof of publication of notice, shall be presented to the Governor, and if in proper form and for an object authorized by law, and due notice has been given, letters patent will issue incorporating the subscribers, their associates and successors, into a body corporate. The Secretary of State shall annex to the letters patent a certified copy of the charter, retaining the original, and before delivering the letters patent shall record them and the charter in a book kept for the purpose. He shall receive from the corporation before such delivery a charter fee of two dollars on each thousand dollars of capital stock; not to exceed two hundred and fifty dollars.

The letters patent, with the certified copy of the charter, shall be recorded in the office of the clerk of the Circuit Court of the county wherein the place of business is to be located; and there shall also be filed with said clerk, and with the Secretary of State, duplicate affidavits by the treasurer of the company, that ten per cent of the capital stock has been subscribed and paid. If the corporation transacts any business before complying with above requirements, its stockholders shall be personally liable for corporation debts as if they were members of a general partnership.

III. POWERS:

To have succession for the period limited in its charter, and, when no period is limited, perpetually; to sue and be sued; to make contracts; adopt and use a common seal and alter seal at pleasure; when special provision is not made by law or otherwise, to hold, buy, convey or mortgage such personal or real estate as the purposes of said corporation shall require; also to take, hold and convey such other real and personal property as shall be necessary

for the corporation to acquire in order to obtain or secure the payment of any indebtedness or liability to it; to appoint such subordinate officers and agents as the affairs of the corporation shall require, and to allow them suitable compensation; to make by-laws; and to increase or diminish by vote of its members, cast as by-laws may direct, the number of directors, managers or trustees, so, however, that the number shall not be less than three nor more than thirteen.

IV. OFFICERS:

The business of the corporation shall be managed by a president, a board of directors, a treasurer or cashier, and such other officers as the corporation may authorize. A majority of the whole number of directors shall be necessary to constitute a quorum. One of the directors shall be chosen president.

V. STOCK:

The stock of corporations shall be deemed personal estate; shall be divided into shares of not less than ten dollars each; shall be paid for in lawful money of the United States, unless otherwise provided in charter; and shall be transferable in the manner prescribed in the by-laws. The property of a stockholder shall be exempt from the debts and liabilities of a corporation contracted in its corporate capacity, except the stock of said stockholder in said corporation, and that only to an extent equal to what remains unpaid upon the subscription to said stock.

A majority of the stock shall constitute a quorum. At stockholders' meeting, each stockholder shall be entitled to one vote on each share of stock held by him, but no stockholder whose liability for unpaid assessments is past due shall be allowed to vote.

Corporations may increase or reduce their capital stock and amend their charter by complying with the directions set out in the general corporation laws.

VI. DISSOLUTION:

The Circuit Court, on petition of a majority in interest of the stockholders, may decree the dissolution of a corporation.

MINING.

I. PHOSPHATE MINES:

The only mining laws in force in the State of Florida pertain to mining phosphates. The right to mine phosphate rock and phosphatic deposits from beds of navigable streams is granted upon the payment quarterly to the State Treasurer of fifty cents per ton of the material mined; and an account of the crude material mined must be filed with the board of phosphate commissioners. But no person shall be permitted to mine from such navigable streams until he has entered into a contract with the phosphate commissioners in conformity with the foregoing provisions, and shall have filed with said commissioners a bond for the due performance thereof with good and sufficient sureties, in an amount to be named by the said commissioners.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF GEORGIA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by PRICE & CHARTERS, Attorneys and Counselors-at-Law, Dahlonega, Georgia.

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COMMERCIAL LAW.

I. ALIENS:

Aliens, the subjects of governments at peace with the United States and this State, so long as their governments remain at peace, shall be entitled to all the rights of citizens of other states resident in this State, and shall have the privilege of purchasing, holding and conveying real estate in this State.

II. ASSIGNMENTS:

Any corporation, not municipal, may make an assignment for the benefit of creditors, but no such corporation shall be allowed to prefer any creditor or class of creditors, except such as have debts entitled to priority by the laws of this State. Persons and firms may make assignments and prefer creditors. The assignment must contain all property of the assignor with proper identification, and also all books, accounts, choses in action, notes, mortgages, judgments and all other evidences of debt. No assignment is valid as against creditors which reserves any trust or benefit to the assignor or any one for him. No foreign assignment can pass property in this State unless such foreign assignment shall comply with the law of assignments in this State. Assignment laws also provide that assignment shall be filed, that assignee must give bond; that such assignee shall succeed to all the rights of the assignor, but may attack any fraudulent conveyance or recover property conveyed by the assignor for the purpose of hindering, delaying or defrauding creditors; that the assignee within thirty days after the filing of assignment, must notify each creditor (letter mailed through postoffice being sufficient) that the assignment has been filed, and where proceedings attacking the assignment are instituted, like notice must be given creditors of such proceedings. If innocent mistake or omission is made in description of property, or in list of assets, or in the method of preparing the list of assets, or in the list of creditors, the assignment is not thereby rendered void, but may be amended upon proof thereof to the court.

III. ATTACHMENTS:

Attachments may issue in the following cases:

1. When the debtor resides out of the State. 2. When he is actually removing or is about to remove, without the limits of the county. 3. When he absconds. 4. When he conceals himself. 5. When he resists a legal arrest. 6. When he is causing his property to be removed beyond the limits of the State. 7. When the debt is created by purchase of property, upon such debt becoming due, when the debtor who created such debt or any one for him, is in possession of the property for the purchase of which the debt was created; or has sold such property and has not been paid for the same, attachment may issue against such property. 8. When the debtor sells, or conveys, or conceals his property liable for the payment of his debts, for the purpose of avoiding the payment of same, or whenever a debtor shall threaten or prepare to do so, or when he shall make a fraudulent lien on his property, attachment may issue upon petition duly made to the judge of the Superior Court.

IV. CLAIMS AGAINST ESTATES:

Must be presented within one yar after qualification of executor or administrator. They may be filed at any time, the penalty for not filing within one year being that they lose the right to equal distributicn with claims of equal dignity to which distribution has been made before notice of such delayed claim was given; but if the representative of the estate has assets to pay all debts, nothing is lost by failure to file within the year; and even where the estate has been distributed to the heirs before notice of such claim, such heirs can be required to contribute pro rata to the payment of such claim.

In the payment of the debts of a decedent, they shall rank in priority in the following order: 1. Funeral expenses, including physician's bill and expenses of last sickness. 2. Necessary expenses of administration, including one year's support for family, which shall never be less than one hundred dollars, and may be any sum properly set aside, to be estimated according to the circumstances and standing of the family previous to the death of the decedent, and keeping in view the solvency of the estate. 3. Unpaid taxes or other debts due the State or United States. 4. Debts due by deceased as executor, administrator or guardian, for the estate com-

mitted to him as such, or any debt due by the deceased as trustee having had actual possession, control and management of the trust property. 5. Judgments, mortgages and other liens created during lifetime of deceased, to be paid according to their priority. 6. Debts due for rent. 7. All unliquidated demands, including foreign judgments, and all debts the amounts due on which were fixed and ascertained or acknowledged in writing prior to the death of the decedent. 8. Open accounts.

V. COURTS:

The Supreme Court of Georgia has no original jurisdiction. Established alone for the trial and correction of such errors in law or equity from the Superior Courts as have been or may be established. Two terms a year. This court sits at the State Capitol only.

Superior Courts are held in each county in the State and sit twice a year. They have exclusive jurisdiction in cases of divorce; in criminal cases where the offender is subjected to loss of life or confinement in the penitentiary; in cases respecting titles to land, and equity cases. They also have jurisdiction in all civil cases except probate of wills, granting letters of administration, etc., and in these cases they have appellate jurisdiction.

Courts of Ordinary sit monthly in each county, and have jurisdiction over estates, probate of wills, grantings of letters testamentary, or of administration, or of guardianship; controversies relating to the right of executorship, administration, or guardianship; sale of property belonging to estates of deceased persons, minors and lunatics; issuing commissions of lunacy, and all other matters pertaining to estates of deceased persons; also binding out of orphans and apprentices. They also have jurisdiction in setting apart homesteads and exemptions. Their judgments are reviewable by appeal or certiorari.

City Courts exist in a few of the larger counties and have terms and jurisdiction according to the acts creating them.

County Courts exist in some counties. Special jurisdiction involving amounts not exceeding five hundred dollars, and not less than fifty dollars.

Justices' Courts sit monthly in each militia district and have jurisdiction in all civil cases arising ex contractu, and in cases of damage to personal property, when the principal sum does not exceed one hundred dollars.

VI. FEES:

Acknowledgment before notary public	$0.50
Acknowledgment before justice	.25
Clerk of court, certificate and seal, each	.50
Attachment:	
In Justice's Court, contingent; from	2.75
In Superior Court, contingent; from	10.00
Appeal:	
To jury in Justice's Court, contingent; from	2.50
To Superior Court, contingent; from	4.25
Commencement of suit in Justice's Court	1.75
Commencement of suit in Superior Court	10.00
Incorporation:	
Railroad, insurance, express, canal, telegraph and navigation companies	100.00
Banking and street railroad companies	50.00
Charters granted by courts, contingent; from	10.00
Mandamus, contingent; from	10.00
Protest, contingent; usually	3.00
Record: per hundred words	.15
Redemption of Real Estate. None, except in cases of tax sale, then ten per cent on purchase money (time expires in one year), except in case of unreturned wild land, when interest on purchase money is twenty per cent (time expires in two years).	
Sheriff, service of papers	2.00
Exemplification, per hundred words	.15
Witness:	
In civil cases, each day	.75

Same in Justice and Superior Court.

[Note.—Most of foregoing are but estimates, fees in the Georgia courts being largely contingent upon nature of case, expenses, etc.]

VII. DEEDS:

To authorize the record of a deed it must be attested by or acknowledged before: 1. If made in Georgia—a judge of a court of record in this State, or a justice of the peace, or notary public or clerk of the Superior Court, in the county in which the three last mentioned officers respectively hold their appointment. 2. If made out of the State—a commissioner of deeds for the State of Georgia, notary public, clerk of a court of record, or a consul or vice consul of the United States (the certificate of these officers under their seals being evidence of the fact). When the deed is executed before a notary public the certificate of a clerk of record, under seal of the court, shall be attached, showing that said notary is regularly commissioned and authorized by law to attest deeds. If subsequent to its execution the deed is acknowledged in the presence of either of the named officers that fact certified on the deed by such officer shall entitle it to be recorded. In all deeds conveying real property there must be two witnesses, one of whom can be either of the officers named.

VIII. DEPOSITIONS:

In all counties of twenty thousand inhabitants and upwards either party litigant in any court of record in any such county may, without any order or commission, take the deposition of any witness whether resident of the county or not, upon giving the opposite party five days' notice of the time and place, with the names of the witnesses.

A witness may be examined on interrogatories, by commission (or without one if the same be waived) at the instance of either party, in any civil cause in any court when either of the following conditions exists: 1. Where the witness resides out of the county. 2. Where, from the condition of his health, from age, or otherwise, he cannot attend the court, or from the nature of his business or occupation it is not possible to secure his personal attendance without manifest inconvenience to the public or third persons—such as postmasters, public carriers, physicians, school-teachers, etc. 3. Where the witness is about to remove from the county, or is about to leave home on business for a term which will extend beyond the term of court. 4. All female witnesses. 5. Where he is the only witness to a material point in the case.

IX. DESCENT:

The following rules shall determine who are the heirs at law of a deceased person:

1. Husband is sole heir of his intestate wife, if no children nor the descendants of children. If children or descendants of children, the estate shall be equally divided, share and share alike, between said husband and children per capita, but the descendants of children shall take per stirpes.

2. Wife is sole heir of her intestate husband, if no children nor descendants of children. If children or descendants of children, the wife shall have a child's part, unless the shares exceed five in number, in which case the wife shall have one-fifth of the estate. If the wife elects to take her dower she has no further interest in the realty.

3. Children stand in the first degree from the intestate and inherit equally all property, accounting for advancements. Posthumous children stand upon the same footing as children in being. Lineal descendants of children stand in place of their deceased parents. In all cases of an inheritance from a lineal ancestor the distribution is per stirpes and not per capita.

4. Brothers and sisters of the intestate stand in the second degree and inherit if no surviving husband, widow nor child nor representative of child. If no brother or sister of the whole or half blood on the parental side, then those of the half blood on the maternal side shall inherit. Children or grandchildren of deceased brothers and sisters represent their deceased parents, but there shall be no representation farther than this among collaterals.

5. The father, if living, inherits equally with brothers and sisters, and stands in the same degree. If there be no father and the mother is alive, she shall inherit in the same manner as the father would.

6. In all degrees more remote than the foregoing the paternal and maternal next of kin shall be on an equal footing.

7. First cousins stand next in degree. Uncles and aunts inherit equally with cousins.

8. More remote degrees are determined by the rules of the canon law, as adopted and enforced in the English courts prior to the fourth day of July, 1776.

If the wife elects to take dower in lieu of a child's part of the realty, she shall be entitled to an estate for life in one-third of the realty, according to valuation, including the dwelling house (which is not to be valued unless in a town or city), of which the husband was seized or possessed at the time of his death.

X. EXECUTIONS.

Executions may issue at any time after judgment (subject, of course, to the laws of limitation given in regard to the dormancy and extinction of judgments), and are returnable to the next term of the court from which they issue. They may be levied on all the estate, real or personal, covered by the lien of the judgment as above stated. Alias executions may be obtained at any time within the statute of limitation, by order of the judge of the court from which they issued, granted upon affidavit by the party, his agent or attorney, showing the fact of loss of the original, or upon any other satisfactory proof of the same. Such order may be made either in term or vacation. All executions, in order to preserve their liens, must be recorded within ten days from the time the judgment is rendered in a general execution docket kept by the clerk of the Superior Court, and if judgment is obtained in any county outside of the county of defendant's residence, it must be recorded within thirty days from the time the judgment is rendered in order to be an effective lien, as against the interests of third parties acting in good faith and without notice.

XI. EXEMPTIONS:

To every debtor, who is the head of a family, the following property is exempt from levy and sale: Fifty acres of land, and five additional acres for each of his or her children under the age of sixteen years; one farm horse or mule; one cow and calf; ten head of hogs, and fifty dollars worth of provisions, and five dollars worth additional for each child, and necessary household and kitchen furniture. If in town or city, real estate worth five hundred dollars; and if professional, library worth three hundred dollars.

XII. HOMESTEAD:

Realty or personalty, or both, to the value, in the aggregate, of one thousand six hundred dollars is exempted to every head of a family, or guardian, or trustee of a family of minor children, or every aged or infirm person, or persons having the care and support of dependent females of any age, the property thus set apart, including such improvements as may be made thereon, liable only for taxes, for the purchase money of the same, for labor done thereon, for material furnished therefor, or for removal of encumbrances thereon. Debtor may waive right of exemption in writing, except as to wearing apparel, and not exceeding three hundred dollars worth of household and kitchen furniture and provisions; either exemption, but not both allowed.

XIII. INTEREST AND USURY:

The legal rate of interest is seven per cent. It is lawful to contract for eight per cent if the contract be in writing and specify that rate. It is not lawful to charge more than eight per cent and the penalty for so doing is to forfeit the excess so charged. All titles to property made as a part of an usurious contract, or to evade the laws against usury, are void.

XIV. JUDGMENTS:

Have lien upon all property of defendant not specially exempted, but they have no lien upon promissory notes in the hands of defendant, nor are choses in action liable to be seized under execution. By special statute stock in an incorporated company may be levied on and sold. All judgments signed on verdicts rendered at same term of court are held to be of equal date and dignity. All judgments obtained in any of the courts of this State shall be of equal dignity according to date. See also "X. Executions."

XV. LIENS:

The following liens are established in this State: Liens in favor of the State, counties and municipal corporations for taxes; creditors by judgment and decree; laborers, landlords, mortgagees, merchants, factors and others furnishing necessaries, as hereinafter provided; mechanics, on real and personal property; contractors, material-men, machinists and manufacturers of machinery; certain creditors against steamboats and other water craft; proprietors of saw-mills and planing-mills, and other similar establishments; inn-keepers, boarding-house keepers, carriers, livery stable keepers, pawnees, depositories, bailees, factors, acceptors, attorneys at law, railway employes and others.

Laborers shall have a general lien upon the property of their employers liable to levy and sale for their labor, which is hereby declared to be superior to all other liens, except liens for taxes, the special liens of landlords upon yearly crops, and such other liens as are declared by law to be superior to them. They shall have a special lien on the products of their labor, superior to all other liens, except liens for taxes and special liens of landlords upon yearly crops.

Railway employes have a lien on the railroad and other property of the company for wages earned by service rendered the company, which lien is superior to any mortgage or other contract lien made by the company, provided that no such employe shall under the act creating this lien be entitled to a lien for more than five hundred dollars. Persons furnishing material, supplies or other articles necessary to operate railroads, and persons having live stock killed by engines or cars have liens on the property of the railroad company superior to any mortgage or other contract lien, for the amounts due for such supplies, material or other necessary articles furnished within six months preceding the institution of proceedings to enforce the same, and for amounts due for damages for the killing of such live stock.

All mechanics, who have taken no personal security therefor, shall for work done and materials furnished in building, repairing or improving any real estate of their employer; all contractors, material-men and persons furnishing material for the improvement of real estate and building factories; all machinists and manufacturers of machinery who may furnish or put up in any county of this State any steam mill or other machinery, or who may repair the same, and all contractors to build railroads, shall have a special lien upon such real estate, factories and railroads, which shall attach upon the real estate improved. When the work done or material furnished is upon the employment of a contractor or other person than the owner then the lien attaches for twenty-five per cent of the contract price of the work done, or material furnished, as against the owner upon written notice given him within thirty days from the completion of the work or the furnishing of material. They shall also have a special lien on the personalty, which may be asserted by retention of such property; or the mechanic may surrender such personal property and give credit, and record the claim of lien in the office of the clerk of the Superior Court of the county of the owner's residence within ten days after the work is done or the material is furnished. Such lien shall be superior to all other liens but liens for taxes, and such other lien as the mechanic may have had actual notice of before work was done or material furnished.

Pawnees, bailees, factors and acceptors shall have liens inferior to the liens for taxes, liens of which such persons had actual notice before becoming creditors, special liens for rent, liens of laborers, liens of record, liens of judgment, and other general liens reduced to execution and levied.

Depositories shall have liens occupying the same position as mechanics and attorneys at law. Attorneys at law shall have a lien on all papers and money of their clients in their possession for services rendered to them, and may apply such money to the satisfaction of such claims.

Liens on real property, other than mortgages, shall be foreclosed, first, by a compliance with his contract by the person claiming the lien; second, recording his claim of lien within thirty days after the completion of the work, or within three months after material or machinery is furnished, in the office of the clerk of the Superior Court in the county in which such property is situated; and third, the commencement of an action for recovery within twelve months from the time the same becomes due. The claimant must set forth his lien and the premises on which he claims it; if the claim of lien be disputed in the process or decree, an issue shall be ordered and tried as in other causes.

There must be a demand on owner, agent or lessee, a refusal to pay on such demand, and refusal must be averred. It must be prosecuted within one year after the debt becomes due, supported by an affidavit before a judge of the Superior Court, or the ordinary of the county in which the personal property may be, showing all the facts necessary to constitute a lien under the code. If the defendant contests the amount of the claim, he shall file his affidavit of the fact, setting forth such denial, which affidavit shall form an issue to be returned to the court and tried as other causes.

All liens may be assigned in writing and not otherwise, and the assignee shall have all the rights of the assignor.

XVI. LIMITATIONS:

Open accounts and contracts not in writing, four years; contracts in writing not under seal, six years; bonds and instruments under seal, twenty years; foreign judgments, five years. Judgments to be kept open and retain their lien, must have execution issued, and have some entry made thereon by the sheriff or other ministerial officer, every seven years, or the judgment becomes dormant. Dormant judgments may be revived within three years. A promise to renew or revive the debt must be in writing.

XVII. MARRIED WOMEN:

All property of the wife, in possession at the time of the marriage, or afterward acquired by her, is her separate property, and not liable for the payment of any debts, defaults, or contracts of the husband, except the earnings by the labor of the wife, which becomes the property of the husband, unless she is a free dealer, made so by publication of the fact in a newspaper. Wife cannot bind her separate estate by any contract of suretyship.

XVIII. MORTGAGES:

A mortgage in Georgia is only a security for debt, and passes no title. It may embrace any property, real or personal, in the mortgagor's possession. It may also cover a stock of goods, or other things in bulk, but changing in specifics, in which the lien is lost on all articles disposed of previous to the time of foreclosure, and attaches on the purchases made to supply their place. Deeds made to secure debts must be recorded at once. Mortgages are required to be executed with the same formalities as deeds, but if executed out of the State it is safer to execute them before a consul or commissioner of deeds.

XIX. NOTES AND BILLS:

No days of grace on sight paper. Protest not necessary on commercial paper for non-payment in order to bind endorser, except: 1. When paper is payable on its face at a bank or banker's office. 2. When it is discounted at a bank or banker's office. 3. When it is left at a bank or banker's office for collection. In all such cases days of grace are allowed.

XX. REDEMPTION:

No redemption except in cases of tax sales, which see under "XXII. Taxes."

XXI. REGISTRATION:

Deeds, transfers, conveyances of all kinds, mortgages and liens of all kinds must be recorded at once. Former laws on this subject were repealed by act of legislature, approved October 1st, 1889.

As to realty, instrument should be recorded in county where land lies. As to personalty, in the county where maker resides if resident of this State, and if non-resident in county where property is. Failure to record does not affect validity of instrument as between the parties; registration being only necessary where rights of third parties intervene.

XXII. TAXES:

Owners of property subject to taxation are required to return the same under oath to the tax receiver for purposes of State and county taxation.

Payments are made to tax collector, who, upon failure to pay, issues execution therefor. When personalty is sold for taxes there is no redemption; when realty is so sold the owner has one year within which to redeem by paying purchase money and ten per cent interest thereon. In case of wild land unreturned for taxes the execution issues against the land, and, in case of sale, the true owner has two years within which to redeem by paying the purchase money and twenty per cent interest thereon. Surplus after paying taxes and costs, if claimed in time, goes to owner. Failure to return property to tax receiver subjects the property to double taxation. Taxation for municipal purposes is regulated by local requirements.

XXIII. WILLS:

All wills (except nuncupative wills) disposing of personalty or realty, must be in writing signed by the party making the same, or by some other person in his presence and by his express direction, and shall be attested and subscribed in the presence of the testator by three or more competent witnesses.

If a subscribing witness is also a legatee or devisee under the will the witness is competent, but the legacy or devise is void. A husband is a competent witness to a will which gives his wife a legacy, and in such case the legacy is good.

Foreign wills disposing of property in Georgia may be probated here provided such wills conform to all the requirements prescribed for domestic wills. Foreign wills are probated in any county in this State in which property devised or bequeathed is situated. All wills conveying property in this State, and executed by persons residing out of this State, shall be held and treated as foreign wills.

CORPORATIONS.

[Corporations in Georgia are chartered by the Secretary of State and the courts. Most corporations of the class denominated public, such as railroad companies, express companies, etc., are chartered by the Secretary of State, who also charters banking and insurance companies. All private corporations, and certain classes of public corporations, such as schools, villages, etc., are chartered by the Superior Courts.]

I. ORGANIZATION:

A private corporation, for any purpose whatever, except banking or insurance, may be created in this State by complying with the following provisions: 1. Persons desiring the charter shall file in the office of the Superior Court of the county in which they desire to transact business a petition specifying the objects, the business, their corporate name, the amount of the capital stock, the amount of capital actually paid in, the place of doing business and the time, not exceeding twenty years, for which they desire to be incorporated. Said petition is published once each week for one month before the court shall pass upon said application. 2. If the application is legitimately within the purview of the code, upon hearing the judge shall pass an order declaring said application granted. A certified copy of this petition and order, under the seal of the court, shall be evidence of such incorporation in any court of this State. 3. The incorporators must commence to exercise the power granted by the act of incorporation and pay in ten per cent of the capital stock within two years, to give said charter any force and effect; and in case of failure to do so the stockholders shall be bound in their private capacity to any creditor of said incorporation for amount of stock subscribed for by them. 4. Corporations thus created may exercise all corporate powers necessary to the purpose of their organization, but shall make no contract or purchase or hold any property of any kind, except such as is necessary for legitimately carrying into effect such purpose, or for securing debts to the company. They have continuous succession during the time limited by their charter. They have the right to sue and be sued, have and use a common seal, make by-laws binding on their own members, not inconsistent with the laws of this State and with the laws of the United States; receive donations, to purchase and to hold such property as is necessary for the purpose of their organization.

Judges of the Superior Courts, in their discretion, may hold special terms of their courts for the purpose of granting charters to corporations.

II. LEGAL PROCESS:

Any corporation, mining or joint-stock company may be sued on contracts in that county in which the contract sought to be enforced was made and was to be performed, if it has an office and transacts business there. Suits for damages may be brought in the county where the cause of action originated. Service may be had by leaving a copy of the writ with the agent of the defendant, or, if there be no agent in the county, then at the place of public business.

III. FOREIGN CORPORATIONS:

Are recognized in our courts only by comity, but no foreign corporation can exercise any power or privilege which is denied by the laws of this State to domestic corporations, or the exercise of which is contrary to the public policy of the State, anything in the charter of such foreign corporation to the contrary notwithstanding. They are allowed to own lands in the State, but when the amount reaches as much as five thousand acres they shall be incorporated under the laws of Georgia, and on their failing to do so the State of Georgia will not consent to the said corporation owning lands in its territory. This prohibition does not, however, extend or apply to foreign corporations engaged in the business of lending money on real estate security, nor to such corporations which, holding lien on realty to secure debt, are compelled, in order to prevent loss, to purchase lands covered by deed or mortgage to secure the loan.

MINING.

I. RIGHT OF WAY:

Any person or corporation engaged in mining, needing for the successful prosecution of such business a right of way for a railroad, turn-pike or common road across the lands of others, or where it is necessary to divert any water-course from its usual channel, shall lawfully proceed to organize a board of arbitrators, who shall determine as to the necessity, who are damaged, and how much.

The owner of any mine shall have the right to enter upon any land intervening between the mine and the water power upon which the same is dependent, and to cut thereon such ditch, canal or tunnel, or construct such flume or other aqueduct, and build such dam, as may be necessary to control said power; provided, he shall first have the damages assessed, and shall pay to the owner of the land so intervening, or the owner of the land on which such dam is to be erected, the damages which may be assessed in the manner hereinafter stated.

Any person or company engaged in working a mine shall be regarded as the owner for the purposes above and hereafter mentioned. The owner of any mine shall have the right to enter upon any land and cut such ditches or tunnels, or construct such flumes or other aqueducts as may be necessary to drain his mine, or to carry off and drain away the water and tailings of such mine, by first having the damages assessed and paying the owner such damages in the manner hereinafter stated. In no instance shall the water be drawn from any mill or factory now in operation.

II. CONDEMNATION OF PROPERTY:

If the corporation or person cannot by contract procure the right or privilege desired, it shall be lawful to take or damage the property upon paying or tendering the owner just and adequate compensation for the right or privilege to be taken, and upon complying with the following provisions:

Notice shall be served upon the owner and upon the owner of any remainder, reversion, mortgage, lease, security, deed, or other interest in the property sought to be condemned. If minors or others under disability, notice to be served on personal representative. If no such representative, then notice to be served personally upon the minor and upon the ordinary of the county where the land lies, who shall appoint guardian ad litem to represent the minor. If ordinary is disqualified, the clerk of the Superior Court takes his place. If the property be trust property, service of notice must be had upon trustee as well as upon all persons who are of age who have an interest. If owner is a non-resident, tenant in possession is served and like notice is mailed to owner if his address be known, and if his address be not known the ordinary shall act for him in like manner as for unrepresented minors. If the owner be unknown, or there is a possibility of unborn remaindermen, notice shall be

served upon person in actual possession of the property, and also upon the ordinary, who shall act as in case of minors; provided, that when unknown owner appears he may have another assessment and shall receive the amount then assessed. If second assessment less than first, overplus is returned to corporation or person originally condemning. Unless service is acknowledged or waived, copy of notice shall be served by sheriff or deputy, personally or by leaving at residence of owner, or mailed, in case of non-resident owner, at least fifteen days before the day fixed for assessing the damages. In cases where service cannot be effected by leaving notice at residence or by personal service, the notice shall be posted at court house door fifteen days and be published once in the official paper one week before the day fixed for assessing the damages. The notice must be directed to the owner or owners; describe the property or franchise and the amount of interest sought to be condemned; fix the time when the hearing will be had on the premises; give the name of the assessor selected by the corporation; and request the owner, trustee, or representative, as the case may be, to select an assessor.

If the party seeking the condemnation notify the ordinary that the owner has failed to select assessor, or that owner is unknown, or is minor, lunatic, or otherwise under disability and without legal representative, the ordinary shall select an assessor for such owner, and if the ordinary is disqualified, the clerk of the Superior Court shall act. The two assessors thus selected shall select a third assessor, but if they do not agree upon such third assessor in five days, the judge of the Superior Court of the county, upon application of either party, of which the other shall have notice, shall make the selection in term-time or vacation. The assessors are sworn, and if there has been such delay that the hearing cannot be had at the time, due notice shall be given to the parties of the time and place of hearing.

The assessors hear evidence as to the value of property to be taken or damages done the owners, and the benefits accruing to the owners from the use of the property by the corporation or persons condemning the same. Parties may be represented in person or by attorney before the assessors. The assessors, or a majority of them, assess the value of the property taken, or damage done, and also assess consequential damage to the property not taken, and deduct from such consequential damages the consequential benefits to be derived by the owner from the operation of its franchise by the corporation, or by the carrying on of the business; provided, the consequential benefits assessed shall in no case exceed the consequential damage assessed, and provided the owner shall in all cases receive the actual value of the property taken. The assessors enter their finding on the notice, and within ten days after the award is made it shall be filed and recorded in the office of the clerk of the Superior Court.

Either party may within ten days from the time the award is filed enter in writing an appeal to the Superior Court and at the next term thereof the issue is tried. Entering the appeal does not delay the work, if the applicant to condemn shall pay the owner the amount of the ward, and in case of his refusal to accept same, deposit the amount to be awarded with the clerk of the Superior Court for the benefit of the owner. The tender, payment or acceptance of the amount does not prevent either party from prosecuting the appeal. If the amount of final judgment be more than the award the corporation shall be bound to pay the sum finally adjudged in order to retain the property; and if less the owner shall be bound to refund the excess paid, judgment being rendered against him therefor, to be collected by levy as in other cases.

If no appeal lie, or if the corporation fails to pay the amount of final judgment, the amount can be collected by execution. The party applying for privilege pays costs. Assessors receive two dollars per day each. The party condemning is vested with such interest in property taken as is necessary to exercise the franchise or conduct the business, and when use of the property ceases the property reverts. Assessors have power to issue subpoenas and compel attendance of witnesses.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF IDAHO.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by HAYS & JOHNSON, Attorneys-at-Law, Capital State Bank Building, Boise City, Idaho.

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COMMERCIAL LAW.

I. ALIENS:

Aliens except such as have declared their intention to become citizens; and all corporations, except railroad and mining, whose members are not exclusively citizens, or who have declared their intention and become such, shall not acquire any land, other than mineral land, or such as may be necessary for the working of mines or the products thereof. Chinese not born in the United States cannot acquire title to land. Aliens may take and enforce liens on real estate, and may acquire by succession; but non-resident aliens must claim succession within five years. All lands, except mineral, acquired by aliens by inheritance or enforcement of lien, must be sold within five years or they escheat to the State.

II. ATTACHMENTS:

Issue upon affidavit that defendant is indebted to plaintiff and that payment of said indebtedness has not been secured by any mortgage or lien upon real or personal property or any pledge of personal property; or if same has been secured that such security has, without any act of plaintiff, become valueless; or, that defendant is a non-resident. Before attachment issues, plaintiff must give undertaking for costs and damages. Within two days after attachment issues, the clerk of the court must publish notice of the attachment, and any creditor, who, within sixty days after the first publication, puts in judgment, his claim against defendant pro rates with the attachment creditor in the proceeds.

III. CLAIMS AGAINST ESTATES:

Claims must be verified, to the effect that the account is correct, that all payments are credited and that there are no offsets. If the estate is less than one thousand five hundred dollars, claims must be presented within four months; if over one thousand five hundred dollars, within ten months.

IV. COURTS:

Supreme Court: Terms fixed annually, but generally fixed at Boise City on the second Mondays in January and November; and at Lewiston on the second Mondays in March and October.

District Court: Terms fixed annually (in January) and frequently changed.

Probate Court is always open for civil business. Probate terms commence on the fourth Monday of each month.

The Supreme Court has jurisdiction to hear on appeal all final orders and judgments of District Courts and judges.

District Court has jurisdiction in all cases at law or in equity.

Probate Court has civil jurisdiction to extent of five hundred dollars or under; and Justice Court has civil jurisdiction to three hundred dollars and under.

V. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .50
Attachment: contingent.	
Appeal: bond for costs.	
Commencement of suit in Justice Court	5.00
Commencement of suit in court of record	13.00
Incorporation: filing	10.00
Articles, per folio	.20
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VI. DEEDS:

Must be signed, acknowledged and recorded. No witnesses are necessary.

VII. DEPOSITIONS:

May be taken after issuance of summons. Notice to adversary must specify the title of case, the court, the time and place of taking and names of the witnesses. The certificate of officer taking must show: that deponent was sworn according to law; by whom deposition was written; whether adverse party attended; time and place of taking. Commission necessary only when written interrogatories are used or deposition taken without the United States.

VIII. DESCENT:

Estate of intestate passes in the following order, subject to the debts of the deceased: 1. If surviving husband or wife, and only one surviving child, in equal shares to each; if more than one surviving child, then one-third to surviving husband or wife, and the remainder in equal shares to the children, or the issue of such as may be dead; if no surviving husband or wife, then in equal shares to the children or the issue of such as may have died. 2. If no issue survive, one-half to the surviving husband or wife, and the other half to the decedent's father and mother, in equal shares, but if either be dead, then the whole of said half goes to the survivor of the other; if no father or mother survive, then one-half goes to the brothers and sisters, or the issue of such as may be dead, in equal shares; if no husband nor wife, nor issue survive the decedent, then the whole goes to the father and mother, if both survive, in equal shares, but if one be dead the whole estate goes to the other. 3. If neither husband, wife, issue, father nor mother survive, in equal shares to his brothers and sisters, or the issue of any that may be dead. 4. The whole estate goes to the surviving husband or wife, if no issue, father, mother, brother or sister survive. 5. If neither husband, wife, issue, father, mother, brother, sister, nor issue of brother or sister survive, in equal shares to the next of kin in equal degree; but in case of collateral kindred claiming through different ancestors, those who claim through nearest ancestor are preferred. 6. If more than one child, and one child dies while a minor and unmarried, his share goes in equal parts to the other children, or the issue of such as are dead. 7. If decedent was a widower or widow and leave no kindred, that portion of his estate which was common property at the death of his deceased spouse goes to the father of such deceased spouse, if living, or if such father be dead, to the mother; but if neither the father nor mother of such deceased spouse be living, then to the brothers and sisters, or the issue of such as are dead, in equal parts. 8. If no husband, wife or kindred, the estate escheats to the State for the benefit of the school fund.

Kindred of half blood take equally with those of the full blood in same degree. Husband and wife take one from the other, only as to the separate estate of either, by inheritance. The husband succeeds to all the common property in case of death of the wife. If the husband dies, the wife succeeds to one-half of the common property, and the other half is subject to his testamentary disposition, but if intestate then it goes to his descendants in equal degree equally.

IX. EXECUTIONS:

Issue at any time within five years after judgment.

X. EXEMPTIONS:

Homestead is exempt to the head of a family to the value of five thousand dollars; to other persons, one thousand dollars. Books, chairs, tables, etc., to value of one hundred dollars; household goods, etc., to three hundred dollars; two cows, two hogs and three months' provisions; farming utensils, to three hundred dollars; one wagon, two horses and their harness; tools of mechanic, to five hundred dollars; surgeon's, surveyor's and dentist's instruments, professional libraries and office furniture; cabin of miner to five hundred dollars, and miner's tools, to two hundred dollars; thirty days' earnings of judgment debtor, if necessary for use of his family; life insurance represented by annual premium of two hundred and fifty dollars or less; and building and loan association shares not exceeding one thousand dollars in value. Homestead exemption must be claimed by declaration acknowledged and recorded.

XI. INTEREST AND USURY:

Parties may contract to pay one and one-half per cent per month, but any judgment rendered thereon bears interest at the rate of ten per cent per annum. Ten per cent is the legal rate. Judgments bear ten per cent. Compound interest is not allowed; but an agreement to pay interest upon overdue interest, if overdue at the date of agreement, is valid. Usury makes a forfeiture of ten per cent per annum.

XII. JUDGMENTS:

Of the District Court are liens on real estate for two years. Probate and Justice Court judgments may be docketed in the District Court and so become liens.

XIII. LIENS:

Liens are given generally to contractors, sub-contractors, material men, laborers, mechanics and farm laborers. Must be in writing and recorded, if contractor, within ninety days; other persons sixty days from completion of structure or completion of labor. Must be enforced within six months unless credit is given; and expire within two years at all events.

XIV. LIMITATIONS:

On contracts not in writing, four years; in writing, five years; judgments, six years; real property, five years. Revivor by writing only, not by part payment.

XV. MARRIED WOMEN:

Retain property originally held and that acquired after marriage by gift, bequest, devise or descent. In disposing of separate property, husband must join. May have trustee appointed to manage her property; and may file inventory of separate personal property.

XVI. MORTGAGES:

Chattel mortgages must be accompanied by affidavit of mortgagor that mortgage is made in good faith and without any design to hinder, delay or defraud creditors, and must be acknowledged or proven as are grants of real estate; and the mortgage, or a true copy thereof, filed for record in the county where the mortgaged property is located and kept. These provisions are mandatory and unless complied with the mortgage is void as against creditors of the mortgagor and subsequent purchasers and incumbrances of the property in good faith and for value.

If chattel mortgaged property is removed from the county, or sold, concealed or disposed of without the consent of mortgagee, it is larceny. Mortgaged personal property may be attached if tender is made to mortgagee before levy, of the amount due on mortgage. Chattel mortgage may be foreclosed by notice and sale or by action in District Court. The former is a more speedy and summary remedy than the latter.

XVII. NOTES AND BILLS:

Notes payable to "bearer" or "order" are treated as inland bills of exchange. Acceptance must be in writing. No days of grace are allowed. Notice of dishonor may be served personally or by mail. A bill falling due on a holiday may be presented on the following day.

XVIII. SUITS:

Are commenced by filing complaint. Summons may issue within one year. Publication of summons must be made for not less than one month if defendant is a non-resident. When publication is ordered, personal service out of the State is sufficient.

XIX. TAXES:

All taxes are liens. Property is assessable by the second Monday in April of each year. Taxes not paid by the first Monday in January become delinquent; and on the fourth Monday in May such property is then sold; the owner having twelve months in which to redeem. In case of sale a penalty of twenty-five per cent on the amount of the tax must be paid on redemption, with interest on the original amount to the purchaser.

XX. WATER RIGHTS:

The use of all appropriated, or thereafter to be appropriated waters, whether for sale, rental or distribution, is declared to be a public use. The right to collect rates for the use of water is a franchise. The right to divert unappropriated water to beneficial uses is never denied. Priority of appropriation governs. When the waters of a natural stream are insufficient for all using the same, those using for domestic purposes have preference over all others; those using for agricultural purposes have preference over those using for manufacturing purposes; and in a mining district those using for mining purposes have preference over those using for manufacturing or agricultural purposes. The Legislature has formulated enactments similar to the Wright act of California (recently decided invalid by Judge Ross), and has also accepted the provisions of the Carey act (act of Congress, June 30th, 1894), enabling the State to accept certain lands from the United States and to provide for their reclamation, occupation and disposal.

XXI. WILLS:

Every person over eighteen and of sound mind, may make a will. A married woman may will her separate estate without the husband's consent. Wills, except they be nuncupative, must be in writing, subscribed to by the testator, or by some person for him in his presence and also in the presence of two attesting witnesses, who must each sign in the testator's presence. Holographic wills, however, need not be witnessed.

CORPORATIONS.

Corporations may be formed for any lawful purpose by five or more persons, a majority of whom must be residents. Articles of incorporation must state: name and purpose of corporation; principal place of business; duration of existence; number of directors, with the names and residences of those for first year; amount of capital stock (if corporation for profit); amount subscribed and by whom. Said articles must be filed with the county recorder, and a certified copy with the Secretary of State. Stockholders' liability limited. Foreign corporations complying with local law are put on same footing as domestic corporations.

MINING.

I. LOCATION AND RECORD:

Locations under the laws of the United States may extend three hundred feet on each side of the middle of the vein or lode. At the time of discovery, the locator must erect a discovery monument at the place of discovery, showing locator's name, name of location, date of discovery and distance claimed along the vein each way from the monument. Within three days thereafter, locator must mark the boundaries of his claim and the corner or angle it represents. He must, also, at the same time post at the discovery monument his location notice showing: the names of the locator and of the claim; date of discovery; direction and distance claimed along the ledge from discovery; distance claimed on each side of the middle of the ledge; distance and direction from discovery monument to some natural object or permanent monument, if there be any, such as will fix and describe in the notice, the location; the name of the mining district, county and State. The location notice must not contain or describe more than one location even though the location be by one or several locators. Monuments may be of any material or form, so they will readily give notice; must be four feet above ground, and if trees, must be hewn to readily attract attention, and marked facing the discovery, and be at least four inches square or in diameter. Monuments must be taken to mark correctly the line of the location, and the location cannot afterward be changed if interfering with after acquired rights.

Within sixty days after location, there must be sunk a discovery shaft ten feet in depth from the lowest part of the rim at the surface, in area not less than sixteen square feet. A located claim is not subject to re-location for ninety days after date of location, unless there has been an abandonment, or failure to comply with the requirements of law herein mentioned. A location may be amended when there is no interference with existing rights. Within ninety days after the date of location a copy of notice of location must be filed for record in the county recorder's office or of the recorder of the district wherein the claim is situated. Before location notice is filed—whether quartz or placer—it must be accompanied by an affidavit of the locator that he is, or has declared his intention to become a citizen of the United States, that he is acquainted with the ground described in the location notice; that the ground has not theretofore been located, or if previously located has been abandoned or forfeited; and if a quartz claim, that he has tunnelled, or sunk a shaft to the extent or depth of ten feet.

II. PLACER CLAIMS:

Locators of placers are governed in the location thereof, by the location of lode claims; but placer claims must be recorded within thirty days from date of location.

III. ASSESSMENT WORK:

Within sixty days after any time set for the performance of labor upon lode or placer claims, an affidavit of the performance of labor must be filed; said affidavit to be subscribed by the person in whose behalf such labor is performed or some person for him. Such affidavit is prima facie evidence of the performance of labor, and failure to file is prima facie evidence that no labor has been performed.

IV. ABANDONED CLAIMS:

Abandoned claims are re-located in the same manner as original locations, except that the locator may sink the original discovery shaft ten feet deeper instead of sinking a new shaft, or run the tunnel ten feet further along the course of the lode. New monuments must be erected.

County recorders, upon petition of ten or more miners of a mining district, must appoint deputies therefor, if said district is twenty miles distant from an existing office. If the recorder fails to appoint a deputy, the miners may make such appointment.

When the right to mine is separate from the ownership or right of occupancy of the surface ground, the miners must give security to such owners or occupants if demanded, and may be enjoined until security is given.

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Commercial, Corporation and Mining Laws OF ILLINOIS.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by WALTER C. ANDERSON, Attorney-at-Law, Suite 1120, 1121, Chamber of Commerce, Chicago, Illinois.

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COMMERCIAL LAW.

I. ALIENS:

Aliens possess the same rights to acquire and own personal property as citizens. Aliens are generally incapable of taking and holding real estate. Heirs of aliens who have heretofore acquired lands may take by devise or descent and hold for three years if of age, five years if not of age. Minor aliens residing in the United States may acquire title and hold for six years after they might declare their intention to become citizens. Aliens, residents of the United States who have declared their intention to become citizens, may take and hold real estate if at the time of acquiring the lands a certified copy of their intention to become citizens is filed for record in the county in which the land lies. Aliens may also take valid title to real estate by purchase at any sale under lien or judgment, and may hold and sell at any time within the next three years. As a rule, failure to dispose of the property within the time limited causes it to escheat to the State.

II. ASSIGNMENTS:

Debtor cannot make preferences. Claim must be filed with assignee within three months from publication and mailing of notice to creditors by assignee. Proving claim and accepting dividends does not discharge debtor. The assignee must file a list of claims proven within three months after the assignment. Claims may be contested within thirty days after the list is filed. Wages of laborers or servants earned within three months before the assignment are preferred if duly proven.

III. ATTACHMENTS:

Where the debt is due, and exceeds twenty dollars, attachment may issue in the following cases:

Where the debtor is not a resident of this State. When the debtor conceals himself or stands in defiance of an officer, so that process cannot be served upon him. Where the debtor has departed from this State with the intention of having his effects removed from this State. Where the debtor is about to depart from this State with the intention of having his effects removed from this State. Where the debtor is about to remove his property from this State to the injury of such creditor. Where the debtor has within two years preceding the filing of the affidavit required fraudulently conveyed or

assigned his effects, or a part thereof, so as to hinder or delay his creditors. Where the debtor has within two years prior to the filing of such affidavit fraudulently concealed or disposed of his property so as to hinder or delay his creditors. Where the debtor is about fraudulently to conceal, assign, or otherwise dispose of his property or effects, so as to hinder or delay his creditors. Where the debt sued for was fraudulently contracted on the part of the debtor; provided, the statements of the debtor, his agent, or attorney, which constitute the fraud, shall have been reduced to writing, and his signature attached thereto, by himself, agent or attorney.

Affidavit may be signed by the creditor, his agent, or attorney. Bond in double the amount of the debt is required. Non-resident plaintiffs must also give separate bond for costs. All judgments in attachment against the same defendant, returnable at the same term of court, and all judgments against him in suits by summons, capias, or attachment recovered at that term, or at the term when the first judgment is obtained, share pro rata.

IV. CLAIMS AGAINST ESTATES:

Claimants against estates of deceased persons are required to produce their claims in writing at a term of the Probate Court fixed by the administrator within six months of administration, of which six weeks' notice has been given, unless the court otherwise orders. Claims may be subsequently filed and still be pro rata. Claims not objected to by the administrator or other interested parties are allowed if verified by claimant. If objected to, they must be proven in court. Claims are classified and paid as follows: 1. Funeral expenses. 2. Widow's award. 3. Expenses of last illness, exclusive of physician's bill. 4. Debts due the school or town fund. 5. Expenses of administration and physician's bill in last illness. 6. Money held by deceased in trust. 7. All other demands. Every debt shares pro rata in its class.

V. COURTS:

The Supreme Court holds its sessions as follows: At Mount Vernon on the first Tuesday in May and third Tuesday of November; at Springfield on the first Tuesday of January and first Tuesday of June; and at Ottawa on the first Tuesday of March and the first Tuesday of October. It is the court of last resort. It has original jurisdiction in cases relating to the revenue, in mandamus and habeas corpus and appellate jurisdiction in all other cases, and may issue all writs necessary to enforce the due administration of justice. Appeals lie to it direct in all criminal cases above the grade of misdemeanors; cases in which a franchise, or freehold, or the validity of a statute, or construction of the constitution is involved; cases relating to the revenue, or in which the State is interested as a party or otherwise; and from judgments of the Appellate Court in affirmed civil cases where the amount in controversy exceeds one thousand dollars, exclusive of costs.

The Appellate Court holds its sessions as follows: The First District, at Chicago, on the first Tuesdays in March and October; the Second District, at Ottawa, on the third Tuesday in May and the first Tuesday in December; the Third District, at Springfield, on the third Tuesdays of May and November, and the Fourth District, at Mount Vernon, on the fourth Tuesdays of February and August. Its jurisdiction is appellate only, which it exercises in all criminal cases below the grade of felony, and in appeals from final orders, judgments and decrees of trial courts in civil cases, except those cases noted as going direct to the Supreme Court. Its decisions are final in civil cases involving one thousand dollars or less, unless a majority of the judges certify to the Supreme Court that a question of law of special importance is involved.

Circuit Courts have original jurisdiction of all cases in law and equity, and appellate jurisdiction in sundry matters appealable from the County and Probate Courts and justices of the peace. The terms in the counties are various as to time, and are fixed by statute.

The Superior Court of Cook County has concurrent jurisdiction with the Circuit Courts.

County Courts have jurisdiction in all probate matters, settlement of estates of decedents, appointment of guardians, servitors, and settlement of accounts; all matters of prentices, proceedings for the collection of taxes, proceedings by executors, administrators, guardians and conservators for the sale of real estate for purposes authorized by law, and such other jurisdiction as may be provided. They also have civil jurisdiction where the amount in controversy does not exceed one thousand dollars and concurrent jurisdiction with the Circuit Court in appeals from justices of the peace and police magistrates.

Probate Courts may be organized in counties of a population of seventy thousand or more and have original jurisdiction in all matters of probate, settlement of estates of decedents, appointment of guardians and conservators, settlement of accounts, matters relating to apprentices, and the sale of real estate for the payment of debts.

All of the foregoing are courts of record.

Justices of the peace have jurisdiction to the extent of two hundred dollars in the following actions: 1. Suits on contracts to recover money. 2. Damages for injury to real property or for taking, detaining or injuring personal property. 3. For rent and distress for rent. 4. Against railroads and those operating them for the killing and injuring of live stock and loss or injury to personal or real property because of fire from railroad engines or otherwise. 5. In replevin. 6. In attachment. 7. For damages for fraud in the sale, purchase, or exchange of personal property, and in all cases where debt and assumpsit will lie. The amount actually due after deducting all set-offs governs the jurisdiction.

VI. FEES:

Acknowledgment before notary public	$ .25
Acknowledgment before justice	.25
Chattel mortgage before justice	1.00
Acknowledgment before clerk of court	.25
Attachment, contingent.	
Appeal, outside of transcript to Appellate Court, contingent	10.00
Commencement of suit in Justice Court, constable's fees and	1.00
Commencement of suit in court of record, in Cook County, sheriff's fees, and	10.00
Incorporation: Capital, $2,500	30.00
Capital $5,000	50.00
Each additional $1,000	1.00
Probate, contingent.	
Protest	2.00
Each notice	.25
Record, contingent.	
Redemption, contingent.	
Sheriff, service	.75
Service on corporations	1.00
Mileage	.10
Transcription, contingent.	
Witness: In Justice Courts, per diem	.50
Courts of record, mileage, 10 cents, and per diem	1.00

VII. DEEDS:

Must be signed and sealed by grantor. A scrawl by way of seal is sufficient. Witnesses are not necessary. The words "convey and warrant" include all the covenants of a warranty deed. Dower is released by wife or husband, as case may be, joining in deed. A married woman may convey her own property to same extent and in same manner as husband may. Acknowledgment by a married woman is made the same as if she were unmarried and has same effect. She need not be examined separately and apart.

Conveyances of real estate done within the State may be acknowledged before a master in chancery, notary public, United States commissioner, Circuit or County Court clerk, justice of the peace, or any court of record having a seal, or any judge, justice, or clerk of such court. If before a notary, United States commissioner, court, or clerk thereof, the same must be attested by official seal; and when taken before a justice, in a county where the lands do not lie, the county clerk must certify under seal of office, that the person taking such acknowledgment was a justice of the peace of said county at the time of taking same.

If done without the State and within the United States, acknowledgment of conveyance may be made before a justice of the peace, notary, United States commissioner, commissioner to take acknowledgment of deeds, mayor of a city, clerk of a county, or any judge, justice, or clerk of the Supreme, or any Circuit or District Court of the United States; or any judge, justice, or clerk of the Supreme, Circuit, Superior, District, County or Common Pleas Court of any of the United States or territories. Officers using official seals must affix the same. If before a justice of the peace, the certificate of the proper clerk, under seal, to the justice's authority must be added. Acknowledgment may be made in conformity with the laws of such state or territory, or the law itself proven.

If done without the United States, acknowledgment may be made before any court having a seal; any mayor or chief officer of any city or town having a seal; or before any minister or secretary of legation, or consul of the United States under seal; or before any officer authorized by the laws of such foreign country to take such acknowledgments; if he have an official seal, the same to be affixed, and proof to be attached that such officer was authorized by the laws of his country to take such acknowledgment. The certificate of a consul or minister of the United States in such country, under his official seal, that the instrument is executed in conformity with such foreign law is prima facie evidence thereof.

The officer must certify that the grantor is personally known to him to be the same person whose name is subscribed to such deed or writing, as having executed the same; and that he appeared before him in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth. In case of homestead the following must be added: "Including the

release and waiver of the right of homestead." Husband and wife must both join in the release of homestead.

All instruments affecting title to real estate must be recorded in the county where such property is situated, and take effect from filing for record, as to creditors and purchasers, without notice. A deed ordered to be made under a decree of the court by a commissioner or master in chancery must be recorded within six months after execution. Tax deed must be recorded within one year after the time of redemption expires.

VIII. DEPOSITIONS:

The deposition of a witness who resides in this State more than one hundred miles from the court, or not residing in this State, or who is engaged in the military or naval service out of this State, may be taken on commission and written interrogatories on ten days' notice. The deposition of any non-resident witness may also be had, under a commission on oral interrogatories, on ten days' notice, and in addition of one day (Sunday included) for every one hundred miles from the court to the place of the taking of the deposition. The commission is directed to a named person, or to any judge, master in chancery, notary public, or justice of the peace of the county or city where the witness resides; but when taken out of the State before other than a named commissioner, the return must be accompanied by a certificate of his official character, under the great seal of the state, or seal of a court of record of the county or city where the deposition is taken.

The witness, previous to the examination, is required to be sworn, or affirmed by the commissioner to testify the truth in relation to the matters in controversy, so far as interrogated. Questions and answers are required to be written in full, in the order proposed and answered, and the deposition to be signed by the witness; and when completed the commissioner is required to annex at the foot a certificate stating that it was sworn to by the witness, and showing the time and place where taken. The deposition thus taken, and all exhibits produced or proved or referred to by any witness, together with the commission and interrogatories, are required to be enclosed, sealed up, and directed to the clerk of the court, with the names of the parties litigant indorsed thereon. A party, his attorney, or other interested person, is not permitted to dictate, write or draw up any deposition, or to be present during the taking of any deposition by written interrogatories. Authority is conferred on the commissioner, and on commissioners acting under commissions or notices from other states, to issue subpoenas and compel attendance of witnesses. Every deposition must be reduced to writing in the presence of the officer before whom it is taken and signed by the witness. If any paper or exhibit is produced and proved, or referred to by the witness, it ought to be described in his deposition, or marked and referred to by the deponent, in such manner that it may be identified when the deposition is read; and all such papers and exhibits must be attached to and returned with the deposition. If the officer taking the deposition have an official seal, it must be affixed to each certificate.

IX. DESCENT:

After all debts are fully paid, the real and personal estates of those who die without making wills descend as follows, to-wit: 1. To children and their descendants in equal parts; the descendants of the deceased child or grandchild taking share of their parents in equal parts. 2. There being no child nor descendant of such, and no widow or surviving husband, then to the parents, brothers and sisters and their descendants in equal parts, each parent taking a child's part, or the survivor a double portion. If no parent is living, then to the brothers and sisters and their descendants. 3. When a widow or husband survives and no child or descendant of child, one-half the real and all the personal estate goes to the widow or surviving husband and the other half of the real estate descends as in other cases where there is no child or descendant of child. 4. Where widow or husband survive and also child or descendants of child the widow or surviving husband takes one-third of all the personal estate. 5. If there is no child or descendant of child, and no parent, brother or sister or descendant of such, and no widow or surviving husband, then the estate goes in equal parts to the next of kin in equal degree, computing by the civil law. There is no distinction between the whole and the half blood. 6. If widow or husband survive, but no kindred, the estate descends to such widow or husband. 7. If no kindred, widow or husband survive, the estate escheats to the county in which said real or personal estate, or the greater portion of it, is situated.

X. EMINENT DOMAIN:

Private property may be taken for public use, for public roads, for railroads, roads to mines and mills, but not without compensation first made.

The party authorized to take or damage the property required for such purpose may apply to the judge of the Circuit or County Court by filing a petition setting forth the authority and purpose for which the property is to be taken, a description of the property and the names of all persons interested in the property, if known. The judge orders a summons issued to each resident defendant and notice published to each non-resident defendant. The case may be heard in vacation or term after ten days' service of process. Any number of separate pieces of property may be included in one petition if they are in the same county, but the compensation must be assessed separately by jury. New parties may be brought before the court whenever necessary.

When the summons is issued the clerk makes out a list of sixty-four disinterested freeholders and from them a sheriff's jury of twelve is selected by lot. This jury is sworn, examines the property, hears the proof and makes a written report under the direction of the judge, showing how much damage each person is entitled to. Benefits or advantages to the property because of the improvement cannot be deducted from the compensation. Upon receiving the report the judge makes an order that the petitioner may enter upon the property for the purpose specified, upon the payment of the ascertained compensation.

Appeals lie from the decision of the court to the Supreme Court. If the party whose property is damaged appeals, the petitioner may enter upon the use of the property before the appeal is decided, if he gives a bond conditioned to pay the compensation finally adjudged. The compensation may be paid to the county treasurer, and he shall, on demand, pay it to the party entitled thereto.

XI. EXECUTIONS:

May issue immediately after judgment, at any time within seven years thereafter, and to any county. If execution is not issued within one year judgment ceases to be a lien on realty, but if issued thereafter, becomes a lien from time of delivery to proper officer to be executed. Real estate shall be levied on first unless defendant turns out personal property. Execution binds personalty from time of delivery to proper officer to be executed, and is returnable in ninety days. When issued to another county and there levied on real estate, the officer must file a certificate thereof in the recorder's office before the lien attaches. All goods and chattels, real and personal, except exemptions, may be sold on execution. Three weeks' notice of sale of realty and ten days' of personalty must be given. No execution can be issued by a justice of the peace for twenty days after judgment, unless upon affidavit that debt will be lost unless execution issue forthwith. Execution from a justice of the peace cannot be levied on realty, but is a lien on personalty from time of delivery to officer, is returnable in seventy days, and may issue at any time within seven years after judgment.

XII. EXEMPTIONS:

The following articles of personal property owned by the debtor are exempt, namely: Necessary wearing apparel, Bibles, school books, family pictures of every person, and one hundred dollars' worth of other property, to be selected by the debtor; and in addition, when the debtor is the head of a family, and resides with the same, three hundred dollars' worth of other property, to be selected by the debtor; but which selection shall not be allowed from money, salary or wages due the debtor. Should any of the exempted property be seized, double its value may be recovered.

When the head of a family dies, deserts or does not reside with the same, the family is entitled to the exemptions.

Appraisement: When exemptions are claimed, the debtor is required to deliver to the officer having the writ, a schedule under oath, embracing all his personal property, including money and debts due him, and property not included therein is not exempted. The property is then appraised by three householders, and the debtor selects such as he desires at the appraised value, and the excess over the exemptions to which he is entitled he delivers to the officer. There is no exemption where the debt lies for a servant's or laborer's wages.

XIII. HOMESTEAD:

Every householder having a family is entitled to a homestead of the value of one thousand dollars, if occupied as a residence. The exemption, unless released by deed, extends to the husband or wife surviving, and to the children until the youngest becomes twenty-one, so long as they continue in the occupancy of the homestead. Homesteads are not exempt from liabilities incurred for their purchase or improvement. The proceeds of any sale by the owner are exempt to the extent of one thousand dollars for one year. If the premises are supposed to exceed in value one thousand dollars, an appraisal is had, and if the property can be divided without injury, so much, including the dwelling, as shall be worth one thousand dollars, is set off as exempt, and the residue may be sold. If the premises cannot be divided, the debtor has the option to pay the excess over one thousand dollars on the execution, or to suffer

a sale and receive one thousand dollars of the proceeds, the excess over that sum being applied on the execution. In case of the loss of an insured building so exempt the insurance money is exempt to the same extent.

XIV. INTEREST AND USURY:

The legal rate is five per cent, but seven per cent by contract. Interest at five per cent accrues after maturity on written instruments for the payment of money. Creditors are entitled to five per cent on money lent or advanced, or due on the settlement of account, from date of liquidation and settling the balance; on money received to the use of another, and retained without the owner's knowledge; and on money withheld unreasonably and vexatiously. Judgments bear five per cent. The penalty for contracting for, or receiving more than seven per cent, is forfeiture of all the interest. A corporation cannot plead usury.

XV. JUDGMENTS:

In courts of record are a lien on the real estate of debtor in the county where rendered for seven years, but may be revived. There are no priorities between judgments rendered at same term of court.

Transcript from another county being filed in the office of a clerk of a court of record, operates as a judgment. When execution is not issued on a judgment within one year the lien ceases, but execution may issue any time within seven years and becomes a lien from the time of delivery to officer. Judgments may be revived within twenty years. Judgments may be confessed in term time or vacation, in person or by attorney, without process. Judgment notes are used.

XVI. LIENS:

Any person who shall, by any contract with the owner of a lot or tract of land, or with one whom such owner has authorized or knowingly permitted to improve the same, furnish materials or improve the said lot in any manner, or perform services as architect, or furnish or perform services as special contractor or otherwise on the order of the person having charge of the improvements in building, altering, repairing or renovating the same, shall be known as a contractor, and have a lien upon the building and land and upon adjoining lots of owner constituting the same premises. Said lien further extends to any estate, right of redemption or other interest which such owner may have. If not filed in thirty days the lien attaches from the date of filing. It must be filed within four months after the last payment shall have become due. In the case of sub-contractors, the lien must be filed within two months.

The lien attaches as of the date of the contract, but as against attaching creditors it shall not attach unless within thirty days thereafter the contractor shall file in the office of the clerk of the Circuit Court a statement of the substance of his contract.

Hotel and boarding-house keepers have liens upon their guests' baggage and valuables.

Stable keepers and agisters have liens on the animals, vehicles, etc., for feed, stable, etc.

Liens for supplies, work and damages are also given against steamboat, canal boat and other water craft.

XVII. LIMITATIONS:

No person shall commence an action for the recovery of lands, or make entry thereon, unless within twenty years after right to bring such action or make such entry accrues.

Actions for slander and libel shall be commenced within one year after cause of action accrues.

For damages for injury to the person, false imprisonment, malicious prosecution, a statutory penalty, abduction, seduction, or criminal conversation, shall be commenced within two years after cause of action accrues.

Actions on oral contracts, express or implied, to recover damages for injury to property, real or personal, and all civil actions not otherwise provided for, shall be commenced within five years after cause of action accrues. On open accounts statute runs five years from date of last payment or agreement to pay. Actions on bonds, bills and notes, written leases, written contracts, or other written evidence of indebtedness, shall be commenced within ten years after cause of action accrues. Payment, or new promise to pay, in writing, extends time ten years from time when made. Generally, the statute does not run during absence from the State.

XVIII. MARRIED WOMEN:

A married woman may receive, use and possess her own earnings and property, both real and personal; may sue and be sued, make wills, acknowledge sale of and convey property; may carry on business in her own name, and be held liable therefor as though single, but cannot enter into a partnership business without the assent of her husband; is not liable for husband's debts, but property of both is liable for expenses of the family. Transfers of goods and chattels between husband and wife must be in writing and be recorded as chattel mortgages are. Neither can recover from the other for services. A married woman living apart from her husband without her fault may sue for reasonable support and maintenance.

XIX. MILLS:

Any person owning land on one or both sides of a water-course, who desires to repair or build a mill or erect or improve a dam, may, if the compensation for the land taken cannot be agreed upon, cause the damage to be appraised by filing a petition in the County or Circuit Court and giving notice to all persons interested, both personally and by sixty days' publication in some newspaper. After the requisite notice has been given, a jury is selected to ascertain and report a just compensation and decide whether the health of the neighborhood will be injuriously affected. If not, and the improvement will not injure any existing mill, the applicant is allowed to make the improvement upon paying the damages assessed by the jury. Applicant has three months after jury report in which to decide whether he will pay the amount fixed by the jury. If he does not accept their verdict, the proceedings are at an end. If he does accept he must pay the damages with all costs and a reasonable attorney's fee, and must make the improvement in from one to three years, according to its nature. If the improvement, after erection, be destroyed, the owner has five years in which to replace it.

To maliciously injure, remove or destroy any canal, levee, dam, reservoir or trench, or the gear or machinery of any mill, or to draw off, or cause to be drawn off, the water from any mill-pond, reservoir, canal or trench, whereby any water-power is injured or its use impaired, is an offense punishable by fine of five hundred dollars or imprisonment for one year.

The municipal board in each city and village have authority to allow the construction of mills, mill-races or feeders through or across the streets, under such restrictions as they may deem proper.

XX. MORTGAGES:

Real estate mortgages are executed and acknowledged in the same manner as deeds. Wife and husband must join, except in mortgages to secure purchase money. In rare cases the law permits strict foreclosures; that is, the creditor takes the property in full payment of the debt without redemption. If the property is worth less than the debt mortgagor is insolvent and there are no subsequent lien holders. They may also be foreclosed by bill in chancery or by fieri facias. Deeds which are intended only as security are treated as mortgages. Deficiency judgments may be entered.

Chattel mortgages are not valid as against third parties, unless property be delivered to the grantee, or unless instrument provides for possession with the mortgagor and is acknowledged before a justice of the peace and recorded. Are not valid beyond two years unless an extension is filed, and a certified copy of the extension, before the justice before whom the mortgage was acknowledged, or his successor. Chattel mortgages of household goods must be joined in by husband and wife.

XXI. NOTES AND BILLS:

Days of grace are abolished. Makers, drawers, acceptors, endorsers and guarantors may all be sued in the same action. The legal holidays are: January 1st, or New Year's Day; February 12th, or Lincoln's birthday; February 22d, or Washington's birthday; May 30th, or Decoration Day; July 4th, or Independence Day; first Monday in September, or Labor Day; a Thursday in November, or Thanksgiving Day; December 25th, or Christmas Day; and Sundays and the days upon which the general, State, county or city elections shall be held. Notes maturing on these days are deemed to have matured the first secular day following. When a public holiday falls on Sunday the day following shall be the holiday.

XXII. SUITS:

All except local actions are brought in the county where the defendant resides or is found, but when there are several defendants, suit may be brought where one defendant resides. Process may issue to any other county for the other defendants. If an affidavit showing the nature of plaintiff's demand and the amount due is filed it will entitle him to judgment as in the case of default, unless the defendant shall file with his bill an affidavit stating that he verily believes that he has a good defense to said suit upon the merits. Non-resident plaintiffs are required to file security for costs. Common law forms of action obtain; but the distinction between trespass and trespass on the case is abolished and counts in trover and replevin may be joined.

XXIII. TAXES:

The owner of property on the first day of May in any year is liable for the State and county taxes of that year. The taxes assessed on real property are a lien thereon from and including May 1st in each year. Those assessed upon personal property are a lien from the time

the tax books are received by the collector. State and county taxes are payable on the 1st of December in each year to the township collector, who holds the books until the 10th of March, when he turns them over to the county collector, and from that date until the day of sale, payments are made to the county collector. Due and unpaid taxes on real estate bear interest after May 1st at one per cent per month until paid or forfeited; parts of a month to be reckoned as a month. The county collector at any time after the 1st of April may advertise the property on which the taxes are still unpaid, and apply for judgment at the May term of the County Court. The sale commences on the fourth Monday after the first day of the term at which judgment is rendered.

The property may be redeemed within six months, on paying twenty-five per cent interest; within twelve months, fifty per cent; within eighteen months, seventy-five per cent; within two years, one hundred per cent, and paying in addition all taxes paid by the purchaser after the sale, with ten per cent interest thereon.

If the purchaser suffers the property to be again sold before the second annual tax sale from the time of its purchase, he is not entitled to a deed until the expiration of a like term from the second sale, during which time the land is still subject to redemption as above; but the person redeeming is only required to pay for the use of the first purchaser the amount paid by him, and the second purchaser is entitled to the redemption money with interest as above stated, at any time after the redemption expires. The records of all sales are with the county clerk.

XXIV. WAGES:

When the property of any person, company or corporation is seized on process, or when their business is suspended by the action of creditors, or put in the hands of a receiver or trustee, the wages of laborers or servants to the extent of fifty dollars, if earned within the preceding six months, are preferred debts and shall be paid in full. No personal property is exempt from attachment or execution when the debt is for wages of a laborer or servant, providing the court rendering the judgment shall so find. The wages of the head of a family to the amount of fifty dollars is exempt from garnishment. Where the debtor makes an assignment, wages of laborers and servants earned within three months next preceding and filed within three months after such assignment are preferred and must be paid in full.

Whenever a mechanic, artisan, miner, laborer, servant or employer shall have cause to bring suit for his or her wages, upon making demand in writing at least three days before suit, the court shall allow an attorney's fee of five dollars if in a Justice Court and ten dollars in the Circuit Court to be taxed as costs. It is unlawful for any employer to make deductions from the wages of his servants, except for money advanced, and except such sum as may be agreed upon for a hospital or relief fund for sick or injured employees. Deductions made from the wages may be recovered in any appropriate action together with a reasonable attorney's fee, and no off-set or counter claim of any kind shall be allowed. Where there is no special contract, eight hours constitutes a legal day's work, except in farm employment.

It is unlawful for any person, company or corporation engaged in mining or manufacturing to be interested directly or indirectly in keeping a truck store or scheme for furnishing supplies to their employees and they are liable for each offense to a fine of not less than fifty dollars nor more than two hundred dollars.

Payment of and Lien for Wages: Every manufacturing, mining or other corporation must pay its employees weekly all wages earned by such employees due within six days of the date of the payment, under penalty of a fine of not less than ten dollars nor more than fifty dollars.

Every laborer or miner shall have a lien upon the property of the firm or corporation owning, constructing or operating the mine, including railroads, buildings, engines, cars, mills, scales, and all other personal property, which may be enforced as a mechanic's lien.

XXV. WILLS:

Every male person of the age of twenty-one years, and every female of the age of eighteen years, whether married or single, being of sound mind and memory, shall have power by will or testament to devise all the estate, right, title, and interest in possession, remainder, or reversion, which he or she hath, or at the time of his or her death shall have in and to any lands, tenements and hereditaments, goods or chattels and personal estate of every description.

A devise to a witness to the execution of the will renders the will null and void as to the bequest to said witness, or those claiming under him, unless it is attested by two other competent witnesses. Every will shall be in writing, signed by the testator, or by some person by his direction in his presence, and shall be attested by two or more competent witnesses subscribing their names to the will in the presence of the testator.

CORPORATIONS.

I. ORGANIZATION:

Whenever any number of persons, not less than three nor more than seven, shall propose to form a corporation they shall make a statement to that effect under their hands and duly acknowledge before some officer in the manner provided for the acknowledgment of deeds, setting forth the name of the proposed corporation, its object, amount of capital stock, number of shares, location of the principal office and duration of the corporation (the last not exceeding ninety-nine years). The Secretary of State shall thereupon issue to such persons a license as commissioners to open books of subscription to the capital stock of said corporation at such times and places as they may determine. As soon as the stock shall have been fully subscribed the commissioner shall convene a meeting of the subscribers for the purpose of electing officers and the transaction of such business as may come before them. In the election of directors cumulative voting must be permitted. Notice of such meeting shall be given by depositing in the postoffice properly addressed to each subscriber at least ten days before the time fixed a written or printed notice stating the object, time and place of such meeting. The commissioners shall make a full report of their proceedings, including therein a copy of the notice, a copy of the subscription list and the names of the directors or managers elected and their term of office, which shall be sworn to by at least a majority of the commissioners and filed in the office of the Secretary of State. The Secretary of State thereupon issues a certificate of incorporation, which shall be recorded in a special book in the office of the recorder of deeds of the county where the principal office is located. When so recorded the corporation is deemed fully organized.

II. LICENSE FEES:

License fees must be paid as follows: Twenty-five hundred dollars and under, thirty dollars; five thousand dollars and under, fifty dollars, and one dollar for each one thousand dollars of capital stock over five thousand dollars.

III. FOREIGN CORPORATIONS:

Foreign corporations may have the same rights and powers as domestic corporations and are subject to the same liabilities, restrictions and duties. Annual reports are not required and they cannot own real estate not needed for corporate purposes. Stockholders are liable to creditors for the unpaid balance of their stock only. The company must proceed to business within two years of date of license.

IV. SPECIAL ENACTMENTS:

There are special and lengthy enactments upon the incorporation of banking, insurance, trust, railroad and building and loan companies.

MINING.

I. RIGHT OF WAY:

Whenever any mine cannot be worked without a road or railroad thereto, or a ditch or drain to convey water to or from it, the owner or operator of the mine may appropriate land sufficient to construct such railroad, road or ditch by proceeding under the law relative to eminent domain. ("X. Eminent Domain.")

The commissioners of highways may cause to be laid out and opened public highways or private cartways from any coal mine to a public highway or a railway in the same way as public highways are laid out. They may also permit the owner or operator of the coal mine to construct or operate a horse or dummy railway thereon or on any other highway, but the same must be so constructed as not to unnecessarily interfere with public travel.

II. TRESPASS:

If the owner of land adjacent to a mine makes written complaint under oath to any judge in the county where the land is situated, stating that he has reasonable grounds to and does believe that the owner and operator of the mine is trespassing on his lands by mining, the judge may appoint a county surveyor or other suitable person to descend into the mine and make such examinations and surveys as may be necessary. The person so appointed has the right to descend into the mine and make examinations and surveys, and if any person obstruct or hinder him from entering the mine or performing his duty he shall be fined not exceeding two hundred dollars. If any person accept such appointment from the judge and then refuse to make the survey he commits a contempt of court and may be fined five hundred dollars. The expense of such examinations must be paid by the complainant; but if the complainant recover damages against the mine owner for mining on his land, the ex-

pense shall be added to the damages. Whoever willfully trespasses on the land of another by mining thereon shall pay the damages and also be liable to penalty of not over five hundred dollars, to be collected by the owner of the land trespassed on.

III. CONVEYANCE OF MINING RIGHT:

Any mining right or the right to dig for any mineral on the land may be sold, leased or conveyed by deed or lease, to be acknowledged and recorded the same as like instruments affecting real estate. The conveying by deed or lease of a mining right separates such right from the land, and such right and the land are taxed separately, the same as though they were separate pieces of real estate.

IV. PURCHASE OF LEAD MINERAL:

All persons purchasing lead mineral must keep a book, in which an account of all lead mineral bought by him is kept. The amount, from whom and when purchased and the place where such mineral was dug must be entered in such book. The party purchasing must make diligent inquiry of the person offering the mineral for sale, and if the answers are not satisfactory it is unlawful to buy it. Such purchaser must keep his book at his place of business, open at all reasonable times for inspection by miners, owners of mineral land and smelters. If the purchaser has no usual place of business to keep the book at, he must within twenty-four hours after making such purchase report to the nearest smelter of lead ore, and the smelter shall make the same record in his book. Purchasing lead mineral from children under twelve years of age is forbidden by law. Violating the law relative to purchasing lead mineral or keeping the book of such purchases renders the offender liable to pay a forfeit varying from five dollars to twenty-five dollars for each offense.

V. INSPECTION OF MINES:

The State is divided into seven inspection districts, with an inspector in each, appointed by the Governor for a term of two years, upon the recommendation of a board of examiners composed of two practical coal miners, two coal operators and one mining engineer, to be appointed by the bureau of labor statistics of this State. Inspectors may be removed for neglect or malfeasance. Inspectors must be thirty years of age, citizens of Illinois and have a knowledge of mining engineering sufficient to conduct the development of coal mines. They must have had a practical mining experience of ten years and must not be interested as owner, operator, stockholder or superintendent or mining engineer of any coal mine during their term of office. Must be of good moral character and good, temperate habits; must provide themselves with the most improved modern instruments for carrying out the intention of this act, and must give a bond for five thousand dollars. The inspector must inspect each and every mine in his district four times a year and as often as he may deem proper and necessary. He must keep a detailed record of all inspections; and a fee for inspection of not less than six dollars nor more than ten dollars, which shall be fixed by the inspector, must be paid by the operator of the mine for each inspection.

The State Inspector must procure for the State Geologist a true record of the various strata through which coal shafts are sunk or borings for coal, oil, gas or artesian water are made; report the altitude of the entrance to such shafts and bore holes as compared with some specified point on the nearest railroad; and he must also report the dip of the coal stratum in all mines which are being operated.

VI. MAPS AND PLANS:

The owner, operator or superintendent of any coal mine must make or have made an accurate map of the mine, showing all details thereof, the section lines of the land and the direction of the air currents of the mine. This map must show the date of each survey. If more than one seam of coal be worked, a separate map must be made for each seam. A true copy of this map must be delivered to the State Inspector of Mines for the district, and by him filed and retained for reference. Such maps are the property of the State and are open to the inspection of the public. In July of each year this map must be corrected. A copy of the map and all corrections must be kept at the mine. If a coal mine is about to be abandoned, a map must be completed and filed before abandonment. If the operator of the mine fails to furnish a satisfactory map, the inspector causes one to be made at the owner's expense.

VII. SAFETY ESCAPEMENT SHAFTS:

In all coal mines where more than six men are employed there must be, in addition to the hoisting shaft opening, a separate escapement shaft so that there will be two distinct available means of ingress and egress. Passage-ways to escapement shafts must be at least five feet wide and five feet high. The escapement shafts are constructed under the direction of the inspector, and must have stairways not steeper than forty-five degrees; provided that if the mine be not more than one hundred feet deep the inspector may allow suitable hoisting apparatus instead of stairways. No obstructions or ice can be permitted in any escapement shaft or on any stairway. By agreement between adjacent owners of mines where the workings are driven together and a roadway kept open between, they may use each other's escapement shaft.

VIII. VENTILATION:

A sufficient amount of air, not less than one hundred cubic feet for each man and six hundred cubic feet for each animal per minute must be provided in every coal mine. The said volume of air shall be forced throughout the coal mine, freeing the mine from impure gases of every kind. All mines where men are employed shall be examined every morning for gas and improper ventilation, and no one shall be allowed to enter the mine until the examiner shall have reported all of the conditions safe. Daily records of the condition of the mine must be kept in a book for that purpose, which book shall be open to examination by the employes and inspector. If the galleries, roadways or entries are filled with dust they must be regularly and thorcughly sprinkled. Only one day's use of powder may be stored in the mine at one time. If persons unaccustomed to inflammable gases or the handling of explosives are employed they must be placed under the charge of competent men.

IX. CAGES AND HOISTING MACHINERY:

Every operator of a coal mine must provide a safe cage covered with boiler iron for hoisting or lowering persons, with brakes, safety catches and other appliances to prevent injury in consequence of the cable breaking, or the machinery being disconnected. In every coal mine operated by shaft and steam power there must be competent persons at the top and bottom of every shaft, who shall have charge of all hoisting, be furnished with sufficient light, and use the statutory code of signals. Men in charge of any engine must be competent, sober engineers not less than eighteen years of age. No more than twelve persons can ride in a cage at one time and coal cannot be hoisted while persons are in the cages. No cage containing persons can be lowered or hoisted more than six hundred feet a minute.

X. EMPLOYMENT OF CHILDREN:

No child under fourteen nor any woman is permitted to work in any coal mine. Any boy offering to work in any coal mine must produce an affidavit from his parent or guardian showing that he is over fourteen years of age. Violation of this provision or failure to obey the law regarding hoisting and lowering persons is a misdemeanor, punishable by fine in the discretion of the court.

XI. MEASURES OF SAFETY:

The operator of a mine must provide bore-holes twenty feet in advance of and on both sides of a working place when driving toward an abandoned mine or part of a mine suspected to contain gas or to be filled with water.

All boilers used by coal mines must be kept in good order and inspected by competent boiler makers every six months, or oftener if the inspector requires it, and the result certified to the mine inspector. The steam boiler must be provided with steam gauge, water gauge and safety valve.

The top of every shaft and the entry to every vein or slope must be securely fenced. All single track planes on which cars are drawn must have proper means of signaling and whitewashed places of refuge not more than ten yards apart. Bottoms of shafts must be supplied with travel ways by which men can pass from one side to the other without going under cages. All sumps must be securely planked over.

The operator of every mine must keep a supply of props and cap-pieces on hand and deliver same with the miner's empty car.

All engines, boiler-houses, hoisting derricks and other machinery must be roofed and sided with fire-proof materials, and there must be provided a steam pump and a sufficient supply of water and hose to guard against fire. If this is not done the inspector proceeds in the same manner as though the operator refused to allow the mine to be inspected.

All miners must use copper needles, and not less than five inches of copper on the end of all iron bars used for tamping blasts of powder, under penalty of not less than five dollars nor more than twenty-five dollars.

Only pure animal or vegetable oil or other oil as free from smoke, which shall have a flash point of not less than sixty degrees Fahrenheit, and a specific gravity of not more than twenty-four degrees Tagliabue, shall be used for illuminating purposes in mines.

It is unlawful to operate a coal mine without first having complied with all the conditions and sanitary regulations required under existing laws.

XII. DEATH OR INJURY:

For any injury occasioned by violation of the law governing coal mining a right of action accrues to the party injured for all damages sustained; and in case of loss of life through such violation the widow, heirs, adopted chil-

dren or any other person dependent on the one killed may recover not exceeding five thousand dollars.

XIII. MISDEMEANORS:

Any injury to the machinery, obstruction of airways, carrying lights into places worked by safety lamps, disturbing the machinery of the hoisting engines, or doing any other act whereby the lives and health of the persons working in the mine or the security of the mine or its machinery are endangered is a misdemeanor punishable by such fine as the court may direct.

XIV. WEIGHT OF COAL:

The operator of every coal mine at which the miners are paid by weight must provide at the mines suitable and accurate scales for the weighing of all coal mined. All coal must be carefully weighed and a correct record kept of the weight of each miner's car, and the record kept open at all reasonable hours for inspection. The person weighing coal and keeping the record must, before beginning so to do, make an affidavit that he will correctly weigh and true record keep of all coal mined, the affidavit to be posted up in the place where he weighs. The miners employed in the mine may furnish a check weighman at their own expense, who shall also be sworn and his affidavit posted up.

Fraudulent scales or fraudulent weighing is a misdemeanor punished by fine of from two hundred dollars to five hundred dollars, or by imprisonment in the county jail for not over sixty days; and operating a coal mine where the product is shipped by rail or water, without complying with the law as regards weighing, is also a misdemeanor punishable by fine from fifty dollars to five hundred dollars.

The coal cannot be screened before being weighed, and must be weighed in the pit cars at two thousand pounds to the ton before being dumped into the screen or shipped.

Mine inspectors are the inspectors of weights and measures and of the scales used to weigh coal; and said scales shall be tested at least once every six months.
[These provisions declared unconstitutional; Rumsey vs. People, 142 Ill., 380.]

XV. MINE MANAGERS, ENGINEERS AND FIRE BOSSES:

No person can undertake the duties of mine manager, mine boss or pit boss in a mine where the output is twenty-five tons or more per day unless he has a certificate from the State Board of Mine Examiners. To obtain such certificate a person must appear before the State Board of Examiners appointed by the commissioners of labor, and submit to an examination as to his competency and length of service. The board of examiners meet at such times and places as they elect and enact their own rules and regulations for carrying into effect the examinations. They cannot give a certificate to a manager unless he be a citizen of the United States having had four years' practical experience as a coal miner, and having served as mine manager continuously and satisfactorily for the same person, firm or corporation for one year. If any operator of a mine employ any mine manager who has no certificate of competency, and an accident occur in the mine by which any miner shall be killed or injured, then the injured party or his heirs may recover from the operator of the mine the full amount of the damages sustained.

Hoisting engineers and fire bosses must hold a certificate of qualification from the State Board of Mine Examiners. Applicants for service must have had four years' practical experience and served some person or firm one year next preceding, and must present a certificate of good moral character signed by at least ten reputable citizens in the community.

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF INDIANA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by CHAMBERS, PICKENS & MOORES, Attorneys-at-Law, 109, 112 Commercial Club Building, Indianapolis, Indiana.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

All conveyances of land must be in writing, and acknowledged and recorded within forty-five days from their execution. Within the State acknowledgments may be taken before a judge or clerk of a court of record, a justice of the peace, auditor, recorder, notary public or mayor of a city; and in other states and territories before the like officers, or a commissioner of deeds for Indiana. In any foreign country, before a minister, charge d'affaires or consul of the United States.

Husband must join in deeds to wife's lands, and wife in deeds to husband's lands. Wife takes inchoate interest in husband's lands. No separate acknowledgment of wife is necessary in order to convey her inchoate interest in husband's lands.

II. ALIENS:

By an act approved March 9th, 1895, it is provided that all aliens residing in the State of Indiana, who shall have declared their intentions to become citizens of the United States, conformably to the laws thereof, may acquire and hold real estate in like manner as citizens of this State. All other aliens may take and hold land by devise and descent only, and may convey the same at any time within five years thereafter, and no longer, and all lands so left and remaining unconveyed at the end of five years shall escheat to the State. Nothing shall prevent the holder of any lien upon or interest in real estate heretofore acquired, from taking a valid title to the real estate in which he has such interest, or upon which he has such lien.

III. ASSIGNMENT:

Any debtor in embarrassed or failing circumstances may make a general assignment of all property in trust for the benefit of all bona fide creditors. To be valid this must be by indenture duly signed and acknowledged, and filed for record within ten days after the execution thereof with the recorder of the county in which assignor resides; such indenture shall contain a full description of real estate and by schedule of personal property, owned by the assignor, and he shall make oath that the indenture and schedule contain a full statement of all his property, etc.

Trustee makes oath and files bond in Circuit Court, and must file copy of assignment, etc., in office of clerk of that court within fifteen days after execution of indenture. If the trustee named fails to act, the court may appoint a substitute upon petition. A trustee named by the debtor may be removed by the court on the petition of creditors representing in amount one-half the liabilities of the debtor. The court may, upon petition of any creditor, or the trustee, order an examination of the assignor or any person to whom any part of his property has been transferred within six months previous to the assignment.

The trustee must make under oath and file in court complete inventory of all property coming to his hands, within thirty days after entering upon his trust; also, cause same to be appraised by two reputable householders; set off to the assignor, if a resident householder, such property as the latter may select to the value of six hundred dollars; and proceed to collect the rights and credits, and to sell the property, after giving thirty days' notice of time and place, at public auction, or private sale, for cash, or upon credit, not exceeding two years, subject to approval of the court as to such sales. Dividends are declared pro rata upon all claims allowed by trustee or the court. Trustee's compensation is fixed by the court.

No provision is made in the statutes for the discharge of debtor from his liabilities.

IV. ATTACHMENT:

Attachment may issue against the property of non-residents or foreign corporations, and against all who have disposed of, or are about to dispose of their property, to

cheat, hinder or delay creditors; or against a debtor who conceals himself so that summons can not be served upon him. An affidavit is required, which may be made by the creditor or some one on his behalf, and a bond to answer damages if the proceedings are wrongful or oppressive. All creditors who file under the original attachment, before final judgment, share pro rata in the proceeds of the attached property.

The defendant in a civil action may be arrested and held to bail in double the amount of debt or damages claimed, at any time before judgment, on affidavit showing that he is about to leave the State, taking with him property subject to execution, or money, with intent to defraud the plaintiff.

The wages of a person, not exceeding one month, are exempt from garnishment or proceedings supplemental to execution, so long as such person remains in such employment. It is a misdemeanor to send claims out of the State to be collected by proceedings in attachment, garnishment, or the like, when creditor, debtor, and person owing for earnings intended to be reached are all within the jurisdiction of the courts of this State. Courts of this State are prohibited from taking jurisdiction of such proceedings to reach wages, when plaintiff and principal defendant are non-residents.

V. COURTS:

The Circuit Court is the only court of general civil jurisdiction and has full probate powers.

Superior Courts have been established in Marion, Tippecanoe, Allen, Vigo, Vanderburgh, Madison, Lake, Porter and La Porte counties. Marion Superior Court has concurrent jurisdiction with the Circuit Court in all civil cases except probate matters, slander and libel; Tippecanoe Superior Court in all civil cases and in all actions by or against executors and administrators; and Vigo Superior Court in all causes, including actions by or against guardians, executors and administrators, but no jurisdiction in probate matters and in the settlement of decedents' estates. Lake, Porter and La Porte county Superior Courts have concurrent jurisdiction with the Circuit Court of the respective counties except in actions in which titles to real estate is involved and probate of wills, settlement of decedents' estates and guardianships; and also have criminal jurisdiction with the Circuit Court in misdemeanors. Other Superior Courts have concurrent jurisdiction with the Circuit Court except in probate matters, the settlement of decedents' estates, and in actions for slander and libel.

The Appellate Court has exclusive jurisdiction of all appeals from the Circuit, Superior and Criminal Courts, in cases of misdemeanor; cases originating before a justice of the peace, when the amount in controversy exceeds fifty dollars exclusive of costs; all cases for the recovery of money only when the amount does not exceed one thousand dollars; all cases for the recovery of specific personal property; actions between landlord and tenant for possession of the leased premises, and in all cases of appeals from orders allowing or disallowing claims against decedent's estates; and such court's decision in such cases shall be final.

Justices of the peace have jurisdiction of cases in which amount in controversy does not exceed two hundred dollars, but parties may confess judgment in a justice court for three hundred dollars.

VI. FEES:

Acknowledgment before notary public	$ .25
Acknowledgment before justice	.25
Acknowledgment before clerk of court	.25
Attachment: contingent; from $5.00 to	10.00
Appeal: contingent.	
Commencement of suit in Justice Court: up to trial about	3.00
Commencement of suit in court of record: up to trial, about	10.00
Incorporation: contingent on length of articles.	
Mandamus.	
Probate.	
Protest	.50
Certificate of protest	.50
Notices, each	.25
Record: Deeds and mortgages, each	1.00
Releases	.25
General record, per 100 words	.10
Redemption: Officers' fees same as for similar services in civil cases.	
Sheriff: contingent.	
Transcription: contingent.	
Witness: In Justice Court, mileage 10 cents and per day	1.00
Other courts: mileage 10 cents and per day	1.25

VII. DEEDS:

All conveyances of land or of any interest therein, except bona fide leases for a term not exceeding three years, must be by deed in writing, subscribed and duly acknowledged by the grantor or his attorney, empowered by a like instrument. The joint deed of husband and wife is necessary to pass the lands of the wife, but does not bind wife to any of the covenants unless it be her separate property. The husband alone may convey his lands, subject, however, to the wife's inchoate rights therein. The wife cannot convey her separate lands unless the husband joins in the deed.

Conveyances, except leases of less than three years, to be valid against any other than the grantor, his heirs, or those having notice thereof, must be recorded in the recorder's office of the county where the land is situated, within forty-five days from their execution. To enable deeds and mortgages to be recorded, they must be acknowledged or proved. Such acknowledgment or proof is made, in this or any other state of the United States, before a judge or clerk of a court of record, justice of the peace, auditor, recorder, notary public, county surveyor, or a mayor of a city,—who must reside in the county or city where such acknowledgment is taken,—or a commissioner of this State. An acknowledgment made in another state, attested by the official seal of the officer, is sufficient without a certificate of the officer's authority, but unless the acknowledgment is so attested, a certificate must be attached to the acknowledgment, made by the clerk of some court of record in the county in which the officer resides, and such certificate must be attested by the seal of the court.

Conveyances, and other instruments intended to be recorded, executed in a foreign country, "shall be acknowledged or proved before a minister, charge d'affaires, or consul of the United States in such foreign country, or before any officer of such country who, by the laws thereof, is authorized to take acknowledgments or proof of conveyances; and if such acknowledgment or proof is in the English language, and attested by the official seal of such officer, it shall be sufficient to admit such instrument to record; but if in some other language, or not attested by such official seal, then such instrument must be accompanied by a certificate of an officer of the United States, as aforesaid, to the effect that it is duly executed according to the laws of such foreign country; that the officer certifying to the acknowledgment or proof had legal authority so to do, and the meaning of his certificate, if the same is made in a foreign language." Acknowledgment is essential to admit a deed to record, but not to its validity, which may be proven by attesting witnesses. A married woman need make no different acknowledgment than if single; nor need she be examined separate and apart from her husband. A married woman under twenty-one years of age may join her husband in a conveyance of his lands. (See "XV. Married Women.")

A seal or scroll is not requisite to the validity of a deed or any other instrument of writing made by natural persons. Witnesses are not required to any instrument when it is acknowledged. Corporations must use the corporate seal in conveying, but no special form is required other than that for natural persons. The deed should be made in the name of the incorporation, which should be signed thereto by the president or chief officer, and the seal of the corporation properly attached.

VIII. DEPOSITIONS:

Depositions are taken in other states without a commission; out of the United States, are taken under a commission issued by the clerk of the court where the cause is pending, directed to the officer designated to take depositions. Notice must be served upon adverse party, and reasonable time given to reach the place of taking the deposition by the ordinary facilities of travel, excluding the day of service of notice, intervening Sundays, and the day of taking. Depositions of witnesses, taken within or without the State, may be taken before any judge, justice of the peace, notary public, mayor or recorder of a city, clerk of a court of record, or a commissioner appointed by the court to take depositions. But depositions shall not be taken before any person being of kin to either party, or interested in the actions. Commissioners appointed by the governor in any other state, territory, or foreign country are authorized to take depositions.

In all actions depositions may be taken by either party, in vacation or term time, at any time after service of summons, without order of court therefor. They may be used on trial of all issues, in any action, in the following cases: 1. Where the witness does not reside in the county, or in the county adjoining the one in which the trial is to be held, or is absent from the State. 2. Where the deponent is so aged, infirm, or sick as not to be able to attend the court, or other place of trial, or is dead. 3. Where the depositions have been taken by the agreement of parties, or by order of the court trying the cause. 4. Where the deponent is a State or county officer, or a judge, or a practicing physician, or attorney at law, and the trial is to be had in any county in which the deponent does not reside. In either of the foregoing cases the attendance of the witness cannot be enforced. 5. When notice is given fixing the time of taking any deposition on a day in term time, the court may, if in session, or the judge therof, in vacation, on notice given by the adverse party of the time and place of hearing the motion, fix another day for such taking, and the court, on hearing of such motion, may fix the time for such taking, from which there shall be no appeal.

Each separate deponent shall be examined by the party producing him, and then by the adverse party, and by the officers or parties afterward, if they see cause. The deposition shall be written down by the officer, or by the

deponent, or by some disinterested person in their presence, and under the direction of the officer, and after the same has been carefully read to or by the deponent it shall be subscribed by him. The officer shall annex a certificate to the deposition stating that the deponent was sworn according to law; the name of the party by whom deposition was written, and if written by the deponent, or by some disinterested person, that it was written in the presence and under the direction of the officer; whether or not the adverse party attended; the time and place of taking the deposition, and the hours between which the same was taken. The officer shall sign and attest the certificate, and seal the same, if he have a seal of office, and shall then seal up the deposition in a sufficient paper envelope, and direct the same to the clerk of the court in which the action is pending, indorsing on the envelope the names of the parties and the witnesses whose depositions are inclosed. Depositions may be taken by a stenographer, if he be an officer authorized to take depositions, and afterwards written out by him in longhand or typewriting, and if then read to or by deponent and signed by him they will be valid.

IX. DESCENT:

The statute of descents cannot well be digested in limited space. All questions arising under this law should be referred to an attorney familiar with the law and the decisions. There is safety in no other course.

X. EXECUTIONS:

Executions are a lien on personal property within the jurisdiction of the officer from the time of delivery, but if there be several executions, in the hands of different officers, the first levy has the preference, and divests all liens created by prior delivery. An execution to another county from that in which judgment is rendered is a lien only from time of levy. Executions may issue at any time within ten years after rendition of the judgment: after that period leave of court must be obtained, upon notice and motion.

Executions from a court of record may issue, and to any county in the State, at any time after rendition (unless stayed on the record), and are returnable in one hundred and eighty days. On judgments rendered on delivery bonds no stay is permitted, and execution is returnable in thirty days.

Executions on judgments of justices of the peace may issue, where the party appeared, in four days from rendition; and on judgments by default, in ten days thereafter. In cases of judgments by confession, or those commenced by capias, or when affidavit is filed showing that delay will endanger the collection, execution may issue immediately; all executions are returnable in six months.

Property sold on execution, except where otherwise provided by law, must be sold for at least two-thirds its appraised value. When notes or other instruments or contracts in writing contain the clause, "without relief from valuation or appraisement laws," the property of the judgment debtor is sold on execution for what it will bring.

XI. EXEMPTIONS:

Every resident householder may claim as exempt from execution and from assignment for benefit of creditors on any debt founded on a contract made since May 31st, 1879, property, real or personal, to the amount of six hundred dollars. This right exists while in transitu from one residence to another, within the State, and may be claimed by the wife in the absence of the husband.

The property of a resident householder, exempt from sale on execution, may be real or personal, or both. It must be properly appraised under direction of the officer, after receiving from the debtor a sworn schedule of all his property, credits, effects, etc. The statute makes ample provision for the sale of real property where it is alone, or in part, claimed under the exemption law, in case its value exceeds six hundred dollars. The exemption does not affect liens for labor, purchase-money, or taxes in any event.

There is no homestead exemption in the ordinary sense of the term. (See "IV. Attachments.")

XII. INTEREST AND USURY:

The legal rate of interest is six per cent; but any other rate, not exceeding eight per cent, may be provided for by written agreement. All interest over eight per cent is usurious, and illegal as to the excess above eight per cent only. Judgments on contracts bear same rate of interest (not exceeding six per cent) as the contracts on which they are rendered. Sureties on notes, bonds, etc., may recover of the principal, on suit, the same rate of interest as originally provided for in such notes, etc., and the judgments shall bear the same rate, not exceeding ten per cent. On redemption of real property from sale under execution, eight per cent interest is allowed the purchaser on amount of purchase money. Interest on the public funds loaned by the State is fixed at eight per cent.

Interest is collectible on ordinary open accounts after unreasonable delay in payment. It attaches on settlement of accounts, from the day the balance shall have been agreed upon. It is allowed upon money had and received to the use of another, and retained without the owner's consent, also on money loaned or due and withheld by unreasonable delay of payment.

In an action on contract where usury is pleaded and tender is made before the suit of the principal with six per cent interest, the defendant shall recover costs; and whenever the usurious interest shall have been paid or reserved before suit, the excess over legal interest may be recouped to the debtor.

The statute applies to contracts made within the State, although they are to be performed without the State; and when a contract shall be made without the State, and a greater rate of interest than is allowed by statute shall be directly or indirectly contracted for, and a mortgage shall be executed to secure the performance of the contract on lands in the State, such lands shall not be liable for a higher rate of interest than is allowed by statute.

XIII. JUDGMENTS:

Judgments of Supreme, Appellate, Circuit, and Superior Courts are a lien upon all real estate and chattels of defendant liable to execution in the county where the judgment is rendered, for the space of ten years. A transcript of the judgment of any court of record may be filed in another county, and from the time of the filing becomes a lien on the real estate of the judgment debtor in that county. An order of attachment binds the defendant's property in the county where issued, and becomes a lien from the time of delivery to the sheriff. (See "IV. Attachments.") Justices' judgments, and those of City Courts, become a lien on real estate from the time of filing transcript in the Circuit Court. Judgments on bonds payable to the State become a lien on the real estate of debtor from the commencement of the action.

If no defense is made, judgment may be rendered, on default and proof, on the day for which the cause is set, either in a court of record or a Justice's Court. In the latter court in such case judgment may be rendered in three days from the service of process, and in Circuit Court in ten days thereafter.

Every recognizance binds the real estate of the principal from the time it is taken, but that of the surety only from the time judgment of forfeiture is taken; those taken by justices in criminal cases become a lien from the time of filing in Circuit or Criminal Courts.

Any person interested may file a certified copy of any judgment of the United States Circuit or District Court for the District of Indiana with the clerk of the Circuit Court of any county, and when filed the clerk must enter it in the judgment docket of the Circuit Court of the county. The statute declares that such judgment shall have the same effect as a lien on real estate, as though rendered in the Circuit Court of the county.

Judgments or other records of the several courts of record, of or within the United States or Territories, are admitted in the courts within this State as evidence, by attestation or certificate of the clerk or prothonotary with the seal of the court annexed, together with the seal of he chief justice or one or more of the judges or the presiding magistrate of any such court, that the attestation is in due form of law; and the records and judicial proceedings, authenticated as aforesaid, have full faith and credit given to them in any court within the State as, by law or usage, they have in the courts whence taken.

XIV. LIENS:

Contractors, sub-contractors, laborers, mechanics, journeymen, and all persons performing labor or furnishing material or machinery for erecting, repairing, or removing any structure, can establish a lien on said structure, and on the real estate upon which the structure is situated, for their pay, jointly or severally, by filing in the recorder's office within sixty days after the time the labor was performed, or material or machinery furnished, notice of the intention to hold the lien, said notice being accompanied by an itemized description of the claim and a description of the real estate upon which the structure stands. Persons furnishing material or labor to a contractor need not notify owner that such labor or material has been furnished. Any person holding such lien may enforce the same by filing his complaint in the Circuit or Superior Court within a year from the time of filing notice with recorder.

All wage claims of mechanics and laborers relating to work done in or about any shop, mill, store-room, or manufactory are to be regarded as first liens upon all available stock, tools, finished work, etc., and all such claims are of the nature of preferred debts, whether notice of lien be filed or not, when the person, firm, or corporation upon whose property the lien rests is in failing circumstances. When the lien relates to real estate upon which any structure is located, it includes the whole portion of ground besides that particular part upon which the structure actually stands, "to the extent of all the right, title, and interest owned therein by the owner thereof, for whose immediate use or benefit such labor was done or material furnished."

All classes of laborers and mechanics performing work upon, or furnishing material for, the construction of a railroad or part thereof in the State, shall have a lien to the extent of work done or material furnished, or both, upon the right of way and franchises of such railroad corporation, and upon all appurtenances to said railroad.

In case the work is done or material furnished under contract with an agent, lessee, or sub-contractor, notice of lien to the corporation is not necessary beyond the filing of notice with recorder of intention to hold the lien. The lien relates to the time when the work or repairs commenced, and has priority over any subsequent claims only, and of certain other kinds, except as above noted.

Employees of corporations have a lien on corporate property and the earnings thereof for work and labor done, from date of employment, which is prior to any and all liens created subsequent to such date, unless such latter shall remain a matter of record for sixty days, during which no lien by any employee shall have been acquired.

Under a recent statute laborers and employees of individuals or corporations have a lien for labor performed during six months preceding the seizure of the property of such individuals or corporations on any mesne or final process, to an amount not exceeding fifty dollars to each employee; they are made preferred creditors, to be first paid in full, and if not sufficient to do this then pro rata.

Companies for the construction of levees, dikes, drains, and ditches have a lien on lands affected thereby for benefits assessed. Contractors performing labor and furnishing materials for any railroad company whose road is not in operation have a lien on grading, excavation, bridges, trestle-work, etc., constructed or furnished by them.

When a tenant agrees to pay as rent a part of the crop raised on leased premises, or rent in kind, or cash rent, the landlord shall have a lien on the crop raised under such contract for the payment of such rent. The tenant, after notice in writing to the landlord or his agent, may remove and dispose of his own part of the crop, where the rent is payable in a share thereof, and if payable in cash, not more than one-half thereof.

The statute gives a lien on all boats and water-craft of every description, for debts contracted for supplies, wages, repairs, equipments etc. A mortgage for purchase-money has preference over a prior judgment against the purchaser. Mechanics and tradesmen have a lien on goods left for alteration or repair, livery-men and feeders on stock left with them, forwarding, and commission merchants on goods in storage, all regulated by statute. Attorneys have a lien for their fees on all judgments taken by them upon entering notice upon the docket or order book at time of taking. Consignees have lien on goods in their hands for debts owing them from the consignor.

A public record, styled the "lis pendens record," is ordered to be kept in the clerk's office in each county, wherein notice of the commencement of certain suits to enforce liens are required to be recorded by plaintiffs, or defendants on cross-complaints, and the sheriff on certain seizures of real estate by attachment or execution. Cases to enforce "any lien upon, right to, or interest in any real estate, upon any claim not founded upon an instrument executed by the party having the legal title to such real estate, as appears from the proper records of the county, and recorded as by law required, or not founded upon a judgment of record in the county wherein such real estate is situated, against the party having legal title thereto as appears from such proper record," fall within the provisions of the act. All seizures by the sheriff upon any real estate, or any interest therein, by virtue of any attachment, or levy by virtue of any execution issued to him from any court other than the court of the county of which he is sheriff, and all orders of court affecting the disposition of real estate, are also required to be recorded in the "lis pendens record." If such record is not made, the bringing of such suits does not operate as constructive notice, etc. Provision is made for the recording of the dismissal, satisfaction, etc., of such liens on said record.

(See "XIII. Judgments," for judgment liens, and "Mining. III. Wages and Liens," for miners' liens.

XV. LIMITATIONS:

Actions as follows must be commenced within six years after cause thereof has accrued, or else are barred: 1. On accounts and contracts not in writing. 2. For use, rents and profits of real property. 3. For injuries to property, damages for any detention thereof and for recovering possession of personal property. 4. For relief against frauds.

Actions for injuries to person or character, or for a forfeiture or penalty given by statute, must be commenced within two years. Actions against public officers, relating to their official duties, five years.

For the recovery of real property sold on execution, brought by the execution debtor, his heirs, or any person claiming under him by title acquired after the date of the judgment, within ten years after the same, and for the recovery of real property sold by executors, etc., by a party to the judgment or person claiming under him, within five years after the sale is confirmed.

Upon promissory notes, bills of exchange and other written contracts for the payment of money, ten years. Upon contracts in writing, other than those for the payment of money on judgments of record, and for the recovery of the possession of real estate, within twenty years. All other actions must be brought within fifteen years. In an action brought to recover a balance due upon a mutual, open and current account between the parties, the cause of action shall be deemed to have accrued from the date of the last item proved in the account on either side.

Persons under legal disabilities, when the cause of action accrues, may bring their action within two years after the disability removes, and the phrase "legal disabilities" includes married women, infants, persons of unsound mind, persons in prison and those out of the United States. The time during which the defendant is a non-resident of the State or absent on public business, is not computed in any of the periods of limitations, but when the cause has been fully barred by the laws of the place where the defendant resides, such bar is available here, though this defense applies only to causes of action arising outside of the State. Concealment by affirmative acts, by a person liable to an action, stops the running of the statute in his favor for the period of such concealment. A new promise, to take the case out of the operations of the statute must be in writing, properly signed. The statute does not run against the State except as to sureties.

XVI. MARRIED WOMEN:

Retain their real and personal property owned by them at time of marriage or acquired during coverture. The husband is liable for the debts of his wife contracted before marriage to the extent of the personal property he may receive from or through her, or derive from sale or rent of her lands, and no further, and her lands are liable for such indebtedness. A married woman may devise by will her separate estate; may sell and transfer her separate personal property; carry on any business, labor, or service, and receive the earnings accruing therefrom; enter into any contract in regard to her separate personal estate, business, labor, or service, and her separate estate, real and personal, be liable therefor, the same as a femme sole; and her husband is not liable for such debts, nor for indebtedness created by the wife for improvement of her separate real estate. She can make leases of real estate for terms of three years or less, and execute mortgages to secure purchase money, without husband joining. Is bound by covenants of title in conveyances of her separate real estate. Her deed conveying her real estate, her husband not joining, is absolutely void. She may sue as a femme sole for any damage to her person or character and bound in like manner as principal on her official bond. She can not enter into any contract of suretyship whether as indorser, guarantor, or in any other manner, and such contract, as to her, is wholly void; and therefore a mortgage on her separate property for a debt for which she is mere surety, indorser or guarantor, is void; but if she makes a sworn statement that contract or mortgage is for her own benefit, in respect to her separate estate, and upon the strength of such statement another signs, she is estopped from alleging her mere relation of surety, indorser or guarantor. Is entitled to hold as exempt from execution her wearing apparel, articles of personal adornment purchased by herself to the amount of two hundred dollars in value, all jewelry, ornaments, books, etc., which may have been given her as presents; and other property to the amount of three hundred dollars, except as against indebtedness for the purchase money therefor. No tenancy by curtesy or dower.

Real estate which husband and wife hold by title made to them as husband and wife, can not be taken for the debt of either, and is not subject to the lien of a judgment against either, except in the case of the death of either or upon divorce granted, when the estate by entireties is destroyed and becomes subject to levy and sale; and a mortgage thereof by them both for a debt of the husband has no legal validity.

XVII. MORTGAGES:

Mortgages on real estate are executed, acknowledged, and recorded within forty-five days in the same manner as deeds, with the exception that in case of a mortgage for purchase-money the wife need not join. The mortgage should show on its face that it is given for the purchase-money, when the wife does not join. A mortgage given by a purchaser to secure purchase-money has preference over a prior judgment against the purchaser. Unless a mortgage specially provides that the mortgagee shall have possession of the mortgaged premises, he is not entitled to the same. There must be an express covenant in a mortgage for the payment of the sum intended to be secured to enable the mortgagee to maintain an action for the recovery of such sum; and where there is no express covenant and no separate bond or note given to secure such payment, the remedy is confined to the lands mentioned in the mortgage. Promissory notes for the amount secured by a mortgage usually accompany it. In such case judgment is rendered against any other property of mortgagor after exhausting that described in mortgage.

Trust deeds in the nature of mortgages are not permitted in this State, and no power of sale in any mortgage or instrument operating as or having the legal effect of a mortgage will authorize the mortgagee to sell the mortgaged premises, but every such sale must be made under judicial proceeding. Assignments of mortgages should be recorded, and "after such entry is made of record, the mortgagor and all other persons shall be bound thereby, and the same shall be deemed a public record."

Mortgages may be foreclosed on any breach of condition, but may not be while another action for the same debt is

pending, nor may the debt be sued on while the foreclosure suit is pending. A mortgage may be foreclosed on any default, and if the property is not divisible, judgment may be rendered for the whole debt secured, both for the amount due and the installments subsequently to fall due, rebating interest. If the amount already due is paid before sale, the execution is stayed until the next installment is due. If that is not paid, execution issues, and the whole property is sold, and the excess, if any, returned to the execution defendant. When a mortgage debt is due in installments and foreclosure is had, the court will order the premises sold in parcels, if divisible. The statutory form for mortgages on real estate is very brief. The words "mortgage and warrant," with description of the premises and the notes, etc., secured, dated, signed, and acknowledged by mortgagor, is a good mortgage, with warranty of perfect title in grantor, and against all previous incumbrances. The omission of the words "and warrant" makes a good mortgage, but without warranty.

When the money secured by a mortgage on lands, which has been recorded, has been paid, the mortgagee shall, at request of the mortgagor, enter satisfaction on the margin or other proper place in the record, which operates as a complete release and discharge thereof; or the mortgagor may take a certificate thereof duly acknowledged by the mortgagee, or his lawful agent, as required by law for the acknowledgment of conveyances, which certificate and acknowledgment, when duly recorded in the office where the original mortgage is of record, operates as a discharge and release of the mortgage and bar to all actions thereon. An executor or administrator may release and discharge of record any mortgage on payment of the mortgage debt by the mortgagor. On payment and satisfaction of any judgment rendered for all the debt on foreclosure, by the courts, of a mortgage, the clerk shall immediately enter satisfaction of the mortgage on the records of the recorder's office, if the same shall have been recorded. Failure to release a mortgage which has been satisfied subjects the mortgagee to a penalty of twenty-five dollars, and attorney's fees.

Under the statute, every sale of goods in possession or under control of the vendor, unless accompanied by immediate delivery and followed by actual change of possession, is presumed to be fraudulent and void as against creditors of the vendor or subsequent purchasers in good faith, unless it be made to appear that such sale was made without intent to defraud such creditors and purchasers. If there be not an actual, visible, continuous change of possession, the transaction is prima facie fraudulent. Chattel mortgages are made, in this State, in the usual form of an absolute bill of sale, with a defeating clause and stipulation as to possession by vendor. They must be acknowledged and recorded in the recorder's office of the county where the mortgagor resides, within ten days after execution thereof, or they will not be valid against any other person than the parties thereto, unless possession of the mortgaged property is delivered to and retained by the mortgagee. Every such mortgage is held to be recorded from the time it is left at the recorder's office for that purpose. A clause empowering the mortgagee to take possession of the mortgaged chattels at will, either before or after default in condition, is usually inserted, on which the mortgagee may maintain replevin. There is no statutory form for chattel mortgages.

A stipulation in a chattel mortgage, to the effect that it shall cover after-acquired property of the mortgagor, does not render the mortgage invalid on its face, but is ineffectual, without more, to vest in the mortgagee a title to such after-acquired property. It seems, however, that such a stipulation, followed by possession of the mortgagee, before the rights of others attach, would be effectual to vest the mortgagee with both a legal and equitable right to after-acquired property.

Suits for possession of mortgaged chattels may be brought at any time after condition is broken. No formal suit for foreclosure is required. On condition broken, the right to possess the mortgaged property is in the mortgagee, but the equity of redemption of the mortgagor can be extinguished only by a public sale after proper notice, or by a judicial sale on foreclosure proceedings. Chattel mortgages may be discharged of record in the same manner as those on realty. They are not required to be renewed. When silent as to possession, the mortgagee is entitled to immediate possession upon execution of the mortgage.

It is a misdemeanor for any mortgagor of chattels, during the existence of the lien, to sell or transfer to any person, without informing him of the lien, or to remove out of the county, without the written consent of the mortgagee, any of the property covered by the mortgage, or to secrete or convert the same.

XVIII. NOTES AND BILLS:

Bills of exchange and promissory notes payable in a bank within the State are governed by the law merchant, the latter as inland bills of exchange. On all bills of exchange payable within the State, whether sight or time bills, three days of grace are allowed.

A recent statute makes all receipts issued by any warehouseman (as provided in the act) negotiable and transferable by indorsement in blank, or special indorsement, and with like liability as bills of exchange, and with like remedy thereon.

Negotiable paper is thus defined by statute: "All promissory notes, bills of exchange, bonds, or other instruments in writing, signed by any person who promises to pay money, or acknowledges money to be due, or for the delivery of a specific article, or to convey property, or to perform any stipulation therein mentioned, shall be negotiable by indorsement thereon, so as to vest the property thereof in each indorsee successively."

The holder of any note or bill of exchange negotiable by the law merchant, or by the law of this State, may institute one suit against the whole or any number of the parties liable to such holder, but not more than one suit thereon at the same term.

"Any action brought by the assignee of a claim, arising out of contract, whether assigned in writing or by delivery, shall be commenced in the county where one or more of the parties immediately liable to judgment and execution reside, and not elsewhere." But the holder of any note or bill of exchange negotiable by the law merchant or by the law of this State may not bring more than one suit thereon at the same term.

Notes not payable in bank are governed by statutory provisions as follows: All notes are negotiable by indorsement. The assignee may in his own name recover against the maker. The suit must be brought in the name of the real party in interest. Whatever defense or set-off the maker of any such instrument had before notice of assignment, against an assignor or the original payee, he shall have also against their assignees. The maker is entitled to all defenses against the note in the hands of the assignee which he could make against it in the hands of the payee. All notes and bills should contain the clause, "without relief from valuation or appraisement laws."

Notes of both classes, those governed by the law merchant and those by statute, have been heretofore drawn containing an agreement to pay "the reasonable fees of plaintiff's attorney, if suit be instituted," "or if not paid at maturity" or a fixed per cent as attorney's fees to plaintiff, to be included in the judgment; and the courts sustained a recovery for attorney's fees in addition to principal and interest on this class of paper. The legislature, however, has declared such agreements illegal and void as to all contracts made subsequent to the taking effect of the Act of March 10th, 1875. The enactment is as follows, to wit: "Any and all agreements to pay attorney's fees, depending upon any condition therein set forth, and made part of any bill of exchange, acceptance, draft, promissory note, or other written evidence of indebtedness, are hereby declared illegal and void: provided that nothing in this section shall be construed as applying to contracts made previous to the taking effect of this act." Under this act the courts have held that a clause in a promissory note promising to pay a certain per centum attorney's fees unconditionally, as "and five per cent attorneys' fees," is valid; and in a suit upon such note the judgment must include such percentage. It is also held that clauses in notes agreeing to pay a certain per centum as "expenses of collection," or as "exchange and other expenses incident to collection, other than attorneys' fees, if suit be instituted on this note," where not designed as a cover for usurious interest, are valid, not usurious, and may be enforced in suits thereon.

What are known as judgment notes, authorizing judgment to be entered on default in payment thereof are not enforced or permitted by statute.

The liability of indorsers of bills of exchange and promissory notes, payable at a bank within the State, is fixed according to the provisions of the law merchant. To fix the liability of an indorser or assignor of negotiable paper governed by the statute, the general rule (except in cases of notorious insolvency of the maker or of something equivalent) is that the assignee must speedily bring suit against the maker, and proceed, in the ordinary course of law, for the collection of the debt, and a return on a fie. fa. of "No property" is prima facie sufficient. A failure, however, to obtain judgment, at the first term at which it could, so far as time is concerned, be obtained, prima facie discharges the indorser, unless the defendant was absent or the assignee had some other sufficient reason. If the assignee, having used due diligence, cannot collect the money from the maker, he may then recover from the assignor. If the maker be dead, his estate must be first exhausted before recourse can be had on the assignor. An indorser of a note under the statute, warrants two things: First, that the note is valid, and the maker liable to pay it; second, that the maker is solvent and able to pay it.

Sundays, New Year's Day, Christmas Day, the 4th of July, Washington's Birthday, Memorial Day, Labor Day (first Monday of September), any day appointed or recommended by the President of the United States or the Governor of the State as a day of public fast or thanksgiving, and the day of any general, national, or state election, are declared to be legal holidays within the State; and all negotiable or commercial paper falling due or maturing on either of said holidays shall be deemed as having matured on the day previous, unless the holiday occurs on Monday, in which event the day of maturity shall be the previous Saturday; and if any of said holidays, other than

Sunday, should occur on Sunday, the following Monday is to be deemed the legal holiday.

XIX. TAXES:

Taxes for State, county, school, road, township, and municipal purposes attach as a lien on real estate on the first day of April in each year. The lien is perpetual for all taxes due from the owner, penalties, etc., and is not divested by any sale or transfer. Penalties attach on the third Monday in April annually, and after that day all unpaid taxes are collectible by distress and sale of personalty. Sales of real estate for taxes take place in each county on the second Monday of February annually. After sale the owner has two years in which he may redeem. If not redeemed within the time, a deed is made to the purchaser by the county auditor. Taxes are payable, one-half on or before the third Monday in April and the remaining half prior to the first Monday in November. If the first installment is not paid when due the whole tax becomes delinquent.

Tax titles have not generally been favored by the legislature or judiciary of Indiana. In order to sustain a tax sale, the party claiming under it must show a substantial compliance with every provision of the law authorizing the sale. A tax deed is only prima facie evidence of regularity of the proceedings and may be contradicted. Possession under a tax deed is adverse though the title be invalid.

XX. WILLS:

All persons of sound mind, who are twenty-one years of age, may make wills and devise all their estate, of every kind, to any person or corporation, saving the legal provision for the widow. Married women may devise their separate property. Wills must be in writing (except nuncupative, bequeathing not to exceed one hundred dollars), signed by the testator or some person by his direction and in his presence, and attested by two persons subscribing as witnesses in his presence. Wills may be probated by the Circuit Court of any county where the testator resided, or in which he shall die leaving assets, on proof of execution by one or more subscribing witnesses, or by proof of handwriting of the witnesses, in case of their incompetency, death, or absence.

CORPORATIONS.

I. ORGANIZATION:

Whenever three or more persons may desire to form a company to carry on any kind of manufacturing, mining, mechanical or other lawful business, they shall make, sign and acknowledge before some officer capable of taking acknowledgment of deeds a certificate in writing, which shall state the name of such proposed corporation, the object of its formation, the amount of capital stock, the term of its existence (not, however, to exceed fifty years), the number and names of directors who shall manage the affairs of such company for the first year, and the name of the town and county in which its operations are to be carried on, and file the same in the office of the recorder of said county, which certificate shall be placed upon the record, and a duplicate thereof in the office of the Secretary of State.

When the certificate shall have been filed as aforesaid, the signers shall be a body politic and corporate, and by their corporate name may take, hold and convey real estate necessary to carry on the operations named in such certificate, and have all other powers and rights provided by the statutes.

II. OFFICERS AND ELECTIONS:

The business shall be managed by not less than three nor more than eleven directors, who shall be stockholders therein and residents of the United States. A majority of the directors shall be a quorum. They shall be elected by the stockholders annually, and the directors thus chosen shall elect a president. They shall also annually elect a secretary and a treasurer, who shall respectively give bond, and be sworn to the faithful discharge of the duties assigned to each of them. Voting by proxy is allowed, each share of stock entitling the owner to one vote.

III. CAPITAL STOCK:

The amount of capital stock shall be fixed by the company, but may be increased by a vote of the stockholders at any annual meeting. Such stock is transferable in such manner as the by-laws may prescribe, but the funds of such a corporation cannot be used to purchase stock in another corporation, only upon the written consent of all the stockholders of the company to purchase said stock, and also the written consent of all the stockholders of the corporation in which stock is sought to be purchased.

The capital stock shall be paid into the treasury within eighteen months from the incorporation of the same, in such installments as the by-laws direct. The president and directors, within thirty days after the payment of the last installment of the capital stock, shall make a certificate stating the amount of the capital so fixed and paid in, which they shall sign and within thirty days file in the office of the clerk of the Circuit Court.

Every such company at a meeting called for that purpose, may reduce the capital stock of the same.

IV. REPORTS:

Every such company shall annually, within twenty days from the first day of January in each year, make a report which must be published in some newspaper in the county, which shall state the amount of capital, the amount of assessments made and actually paid in, and the amount of existing debts; which report the said president and directors shall sign and verify by their oaths.

V. LIABILITIES:

If said certificate or report or public notice shall be false, or if such report is not made, and any person is misled or deceived thereby and damaged, then all the officers who shall sign the same, knowing it to be false, or fail in giving the report as aforesaid, shall be jointly and severally liable for any damages resulting from such failure on their part.

The stockholders of manufacturing and mining corporations shall only be liable for the amount of stock subscribed by them respectively; provided, they shall be individually liable for all debts due and owing laborers, servants and employes for services rendered such corporation.

MINING.

I. INSPECTION OF MINES:

The State Geologist shall appoint an inspector of mines, who shall hold his office two years and until his successor shall be appointed and qualified: provided, however, that all applicants for such office shall be required to pass a satisfactory examination, which examination shall be wholly under the control of the State Geologist, who shall give a certificate of appointment to the person appointed. The inspector of mines shall appoint an assistant, who shall pass such examinations touching his qualifications for such position as may be prescribed by such inspector of mines.

The inspector of mines and his assistant shall be residents of the State of Indiana for five years immediately preceding their appointment to office, and shall be practical miners of at least ten years' experience in actual mining. He shall not have any pecuniary interest in any coal mine within the State, and he and his assistant shall file with the Secretary of State a sufficient bond or bonds for the faithful performance of their duties. He shall make an annual report to the State Geologist of all matters now required by law to be reported by the mine inspector, which report shall be published with the report of the State Geologist. He shall see to the enforcement of the law and its penalties; investigate, report and prosecute all violations of the same, make affidavidts in pursuance thereof, and generally do all such things as may be necessary for the proper conservation of the law.

II. MEASURES OF SAFETY:

It shall not be lawful for more than ten persons to work in any mine in every twenty-four hours, after five thousand square yards have been excavated, until the second outlet shall have been made. Said outlet shall be separate from the hoisting-shaft by at least one hundred feet of natural strata, and shall be available at all times to all employes engaged in the mine. The traveling roads to said outlet shall not be less than four feet high and three feet wide.

Air-ways shall be made in every room, at least every seventy-five feet. The doors used in assisting ventilation of the mines must not be left standing open.

A sufficient supply of timber shall be kept at the mine, so that the workmen may be able to properly secure the workings from caving in, and props of proper length shall be delivered to the rooms of the workmen when needed and required.

When two veins of coal are being mined in one shaft, two reflecting lamps shall be kept lighted at all times when said mine is in operation.

When the place is likely to contain a dangerous accumulation of water or gas, the workings approaching such place shall not exceed eight feet in width, and there shall be constantly kept one bore-hole near the center of the workings, and sufficient flank bore-holes on each side in advance of said workings.

A mining boss, who shall be an experienced coal miner, shall be employed to keep a careful watch over the ventilating apparatus and air ways, and see that, as the miners advance through the excavations, all loose coal, slate and rock overhead are carefully secured against falling therein, and traveling and air-ways. He shall measure the air current at least once a week at the inlet and outlet. He shall also, about the first of each month, mail to the inspector a copy of the air measurements, the number of persons employed in or about the mine, the number of mules and horses used, and the number of days worked in each month. None but experienced, competent and sober engineers shall be placed in charge of the engine

used for conveying into and hoisting persons out of such mine.

The top of every such shaft shall be securely fenced off, so as to protect the mouth thereof; and approved safety catches shall be attached to every such cage used for the purpose of hoisting or lowering persons.

No female of any age or male under the age of fourteen years shall be permitted to enter any coal mine in this State for the purpose of employment therein.

There shall be provided in all coal-mines a metal tube from the bottom of the shaft, suitably adapted to the free passage of sound, through which conversation may be held between persons at the bottom and top of the shaft; and there shall be a formality of signals at all coal-shafts in this State, with a signal bell at the bottom of each shaft.

Before a mine shall be abandoned, a survey shall be made thereof, the mine properly staked on the surface, and a map made and filed within thirty days thereafter at the office of the county recorder, and said map shall have attached thereto the affidavit of the mining engineer making the map, and of the mine boss in charge of the underground workings of said mine.

III. WAGES AND LIENS:

Corporations, companies, associations, firms and persons engaged in mining shall pay to their employes every two weeks the amount due such employes for labor, and such payment shall be in lawful money of the United States. All wages for working in and about the mine shall be due and payable on the second Saturday of the month after the month in which the work was done, and all payments shall be made in bankable funds of the State of Indiana.

In all coal mines in this State the miners and other persons employed and working in and about the mines, and the owners of the land, and others interested in the rental or royalty of the coal mined therein, shall have a lien on said mine, and all machinery and fixtures connected therewith, for work and labor performed within two months; and the owner of the land for royalty on coal taken out from under his land for any length of time not exceeding two months; and such liens shall be paramount to and have priority over all other liens, except the liens of the State for taxes; and such lien shall have priority as against every other in the order in which they accrue, and for labor and royalty on coal.

To acquire such lien, such person shall file in the recorder's office in the county where the coal mine is situated, within sixty days from the time payment became due, a notice of his intention to hold a lien upon such property for the amount of his claim, stating in such notice the amount of his claim, and the name of the coal works, if known, or any other designating or describing the location of said mine; and the recorder shall record the said notice, when presented, in the book used for recording mechanics' liens, for which the recorder shall receive a fee of twenty-five cents. Suits brought to enforce any lien herein created shall be brought within one year from the date of filing said lien.

DIGEST OF THE

COMMERCIAL AND MINING LAWS

OF INDIAN TERRITORY.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by GROVE & SHEPARD, Attorneys and Counselors-at-Law, South McAlester, Indian Territory.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments to be used within the Territory can be taken before any judge, clerk of a court, United States commissioner or notary public. Without the Territory before any officer of the United States or any state or territorial court having a seal; or a notary public.

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The usual grounds for attachment obtain in the Territory as in the states. An attachment may be issued on debts not due.

IV. CLAIMS AGAINST ESTATES:

Claims against estates must be presented within one year, or they may be precluded from any benefit; and are barred in two years. The following have priority in order named: Funeral expenses; expenses of last sickness; judgments which are liens; all demands presented within one year; all demands not exhibited in one but within two years.

V. COURTS:

United States commissioners have exclusive jurisdiction up to one hundred dollars and concurrent jurisdiction to three hundred dollars in matters of contract and recovery of property. Appeals lie to the United States Court of Indian Territory when the amount in controversy exceeds twenty dollars.

The United States Court in Indian Territory has jurisdiction in all matters in excess of one hundred dollars when all the parties to the action are not citizens of the same Indian tribe. In the northern district two terms a year are held at Muscogee, Vinita, Tahlequah and Miami; and in the central district at Ardmore, Purcell, Duncan, Chickasha and Ryan.

The Indian Courts have no jurisdiction of controversies between Indian citizens on the one hand and citizens of the United States or other persons on the other hand. The Indian Courts have jurisdiction only where the matter in controversy is exclusively between Indians. If a person other than an Indian citizen is interested, even though with others who are Indian citizens on the one side and all on the other side are Indians, still the Indian Courts would have no jurisdiction, but the United States Court for the Indian Territory would have jurisdiction.

VI. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .50
Attachment	10.00
Appeal	3.00
Commencement of suit in Justice Court, besides deposit	3.00
Commencement of suit in court of record, besides deposit, $5 to	10.00
Incorporation: no laws.	
License for mining: royalty, governed by different tribes.	
Mandamus	10.00
Probate	5.00
Protest	2.00
Each notice	.50
Record: filing	.25
Recording: per folio	.10
Renewal of affidavit	.25
Sheriff: service, besides traveling expenses	2.00
Transcription: per folio	.10
Witness: before commission, per day	.50
Court of record, per day,	2.00

VII. DEEDS:

No real estate is owned in the Territory by United States citizens. Transfers are made of improvements by bill of sale.

VIII. DEPOSITIONS:

The plaintiff may begin to take depositions immediately after service of summons, and defendant after filing answer. They may be taken on reasonable notice to opposite party, or upon interrogatories and commission.

IX. DESCENT:

When one dies leaving personal property not disposed of, it is distributed to his kindred, subject to debts.

X. EXECUTIONS:

All property, real and personal, is liable to levy and sale except it be exempt. Where judgments have not been

stayed, when right to stay exists, sales are made on credit of three months, in other cases for cash. Personal property is advertised for sale ten days. Execution is returnable in sixty days, except in case of United States commission, which is thirty days.

XI. EXEMPTIONS:

A single man is entitled to exemption of personal property to the value of two hundred dollars in addition to wearing apparel, provided that no property shall be exempt from execution for purchase money while in the hands of vendor. A married man is allowed exemption of personal property to the value of five hundred dollars in addition to wearing apparel of himself and family. In the case of an Indian by blood, improvements are not subject to execution; and Indians by marriage are allowed one hundred and sixty acres used as a homestead.

XII. INTEREST AND USURY:

Legal rate is six per cent; contract rate may be ten per cent. Usury avoids principal and interest.

XIII. JUDGMENTS:

Executions on judgments are liens on personal property from the time the writ is placed in the officer's hands. Suits for recovery on same must be begun within ten years.

XIV. LIENS:

Laborers have a lien on all real and personal property and the product of their labor, for the amount of wages due.

XV. LIMITATIONS:

Actions on notes not under seal must be begun within five years; under seal, ten years; on official bonds, four years; against executors and administrators, eight years; on accounts, three years; for recovery on judgments, ten years.

XVI. MARRIED WOMEN:

A married woman may hold separate property and carry on separate business. She is not liable for any debt contracted by her unless the same was made with special reference to its being payable by her.

XVII. MORTGAGES:

Chattel mortgages must be proved or acknowledged and are not notice to any third party until filed or recorded in the district in which mortgagor resides; or if mortgagor is a non-resident, in the district where the property is located. Whenever the mortgagee endorses on the mortgage, "this instrument is to be filed but not recorded," it is filed, but not recorded, and is a lien from the time of filing. The mortgagor may retain possession until mortgage debt is due, if so stipulated; but the mortgage is void if a general power of disposition is reserved to the mortgagor.

XVIII. NOTES AND BILLS:

Are governed by the law merchant, as in the states. Acceptance is not binding unless in writing.

XIX. SUITS:

Can be brought in the United States Commissioners' Courts and in the United States Court in Indian Territory. Deposits for costs are three dollars in Commissioners' Court, and five dollars in United States Court. Constables' fees are ten cents a mile and fifty cents for service. Marshals' fees six cents per mile or actual expenses, and two dollars for service. Lien is enforced by filing affidavit and description of property and the writ issues without bond.

XX. TAXES:

Non-citizens are required to pay taxes to the Indian Nation from twenty-five dollars per year upward.

XXI. WAGES:

Sixty days' wages are exempt from execution, and for recovery of same, laborers and mechanics have a lien on the product of their labor.

XXII. WILLS:

Every person twenty-one years old and of sound mind may devise all his estate, and may dispose of goods and chattels at the age of eighteen. Married women can make wills. Wills must be in writing (except where nuncupative wills are allowed) and subscribed by the testator, or some one for him at his request at the end; and if the subscription is by another than the testator, he must subscribe as a witness and state the fact in writing. The subscription must be made, or acknowledged to have been so made, in the presence of each of the attesting witnesses; and at the time of signing or acknowledging said testator must declare the instrument so subscribed to be his will. There must be two witnesses. Nuncupative wills are good for the value of five hundred dollars.

MINING.

I. TITLE TO LANDS:

The title to all land in the Choctaw Nation, whether the same be mineral, agricultural, grazing or timber lands, is in the Choctaw Nation; and neither the Nation nor the individual Indian citizen has right or authority to sell the same. Therefore all minerals, in their natural state, are also the property of the Nation.

II. MINING RIGHTS:

By virtue of constitutional provisions and legal enactment (of the Choctaw Nation of Indians), "any citizen of the Choctaw Nation"—that is, any Choctaw Indian by blood or adoption—"who may find any mine or mines, or mineral waters, shall have the exclusive right and privilege to work the same, so long as he may choose, within one mile in any direction from his works or improvements; provided, however, he does not interfere with the rights of the former settler."

This provision has been construed by the United States Court for the Indian Territory, Central District, to mean that where there is more than one vein on the same land, that a finding of one vein of mineral on a tract of land, followed by a compliance with the provisions of the law, entitles the finder to all veins of mineral on the land described in said provision—that is, the land within one mile in every direction.

No one but an Indian citizen has this right of appropriation of minerals by reason of their discovery.

III. LEASES:

But a "non-citizen," or a person other than a Choctaw Indian citizen, has the right after the discovery of a mine by an Indian to lease the mine or mines, subject to approval of the contract of lease by the United States Commissioner of Indian Affairs; and in such case, said lessee or lessees must enter into a written contract with the National Agent, and give a bond conditioned for the faithful performance of the conditions of the contract, the penalty of which bond shall be in the sum of ten thousand dollars. Leases may be made for not to exceed six years.

IV. ROYALTY:

Whoever works a mine in the Choctaw Nation must pay as royalty, to the Choctaw and Chickasaw Nations (which last has an interest in these lands) six per centum of the value of the metal or mineral when it is prepared for the general market, such royalty to be paid monthly.

V. PERMITS:

Before any person other than a Choctaw Indian citizen can procure a mining lease, or be permitted to mine in this Nation he must procure a permit to carry on the business of mining; which permit is procured in and through the (Indian) County Court.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF IOWA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by BROWN & M'QUAID, Attorneys-at-Law, Sigourney, Iowa.

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COMMERCIAL LAW.

I. ALIENS:

Non-resident aliens or corporations incorporated under the laws of any foreign country, or corporations organized in this country one-half of whose stock is owned or controlled by non-resident aliens, are hereby prohibited from acquiring title to or taking or holding any lands or real estate in this State by descent, devise, purchase or otherwise, except that the widow and heirs of naturalized citizens and of aliens who have heretofore acquired lands in this State under the laws thereof may hold such lands by devise or descent for a period of ten years and no longer.

Any non-resident alien may acquire and hold real property to the extent of three hundred and twenty acres, or city property to the amount of ten thousand dollars in value, provided that within five years the same is placed within the actual possession of a relation of such purchaser, within the third degree, and further provided that such occupant becomes a naturalized citizen within ten years

This act does not apply to aliens who are residents of the State of Iowa, who shall have the same right to acquire, hold and dispose of property as natural born citizens of the United States.

II. ASSIGNMENTS:

No insolvent law. Assignments are not valid unless for the benefit of all creditors, when the assent of creditors is presumed. The debtor must furnish a sworn inventory and list of creditors; and the assignment, which vests in the assignee title to all property of the debtor, must be recorded. Assignee must give bonds, prepare an inventory and valuation, and notify creditors by mail to file claims within three months. All claims filed must be sworn to, and all claims not filed within three months after notice is published cannot be paid until all claims filed within said three months are paid. Claims objected to may be passed upon by a jury, and the assignee is in all respects subject to the order of the court, and renders a final account thereto. All personal property must be disposed of within six months and all real estate must be disposed of and final settlement made within one year from date of assignment, unless otherwise ordered by the court. An assignment does not discharge the debtor from his debts and liabilities, but only entitles creditors to share equally in his estate. Wages due a creditor for personal services rendered at any time within ninety days preceding the assignment is a preferred claim, and to be paid in full. The assignment is docketed as a case in court. Special assignments under the common law are valid.

III. ATTACHMENT:

Process will issue against all property not exempt from execution on the filing of a sworn petition, alleging: 1. That the defendant is a foreign corporation, or acting as such. 2. That he is a non-resident of the State. 3. That he is about to remove his property out of the State, without leaving sufficient remaining for the payment of his debts. 4. That the defendant is about to dispose of his property with intent to defraud his creditors. 5. That he has absconded so that ordinary process cannot be served upon him. 6. That he is about to remove permanently out of the county and has property therein not exempt from execution, and that he refuses to pay or secure the plaintiff. 7. That he is about to remove permanently out of the State, and refuses to pay or secure the debt due the plaintiff. 8. That he is about to convert his property, or a part thereof, into money, for the purpose of placing if beyond his creditors' reach. 9. That he has property or rights in action which he conceals. 10. That the debt is due for property obtained under false pretenses.

Attachment may be brought before the debt is due when the fourth, fifth, seventh or tenth of the above causes can be alleged under oath. The first attachment levied becomes the first lien, and there is no pro rata. The penalty on an attachment bond is three times the amount of debt. No person may be imprisoned for debt in any civil action on mesne or final process, except in case of fraud. No judgment shall be rendered in any garnishment proceeding condemning the property or debt in the hands of the garnishee until the principal defendant shall have ten days' personal notice of such proceedings in a court of record and five days' personal notice if before a justice of the peace.

IV. CLAIMS AGAINST ESTATES:

Statement of Claims: Must be clearly stated, sworn to, and filed, and ten days' notice of the hearing, accompanied by a copy of the claim, shall be served on one of the executors in the manner of commencing ordinary proceedings, unless the same has been approved by the clerk, in which case it may be allowed without notice. All claims filed and not expressly admitted in writing, signed by the executor with the approbation of the court, shall be considered as denied without any pleading on behalf of the estate. The court may hear and allow claims or may submit them to a jury. In matters of accounts of executors the court shall have authority to appoint one or more referees. Demands not due may be presented, proved, and allowed as other claims. Contingent liabilities must also be presented and proved, or the executor shall be under no obligation to make any provision for satisfying them.

Priority: Claims shall be satisfied in the following order: 1. Debts entitled to preference under the laws of the United States. 2. Public notes and taxes. 3. Claims filed within six months after the first publication of notice of the appointment of executors. 4. All other debts. 5. Legacies.

All claims of the fourth class not filed and proven within twelve months of the notice of appointment, are forever barred, unless the claim is pending in the District or Supreme Court, or unless peculiar circumstances entitle the claimant to equitable relief.

V. COURTS:

There is no Circuit Court. The District Court has and assumes jurisdiction of all suits, civil and equitable, and has criminal and probate jurisdiction.

A Superior Court may be established by the vote of the people in any city of seven thousand inhabitants, and, when so established, shall be a police court, with jurisdiction to try all violation of city ordinances, and with the same criminal jurisdiction as Justice Courts. The Superior Court has no probate jurisdiction, but has the same jurisdiction as the District Court to try all suits in law and equity, save and except divorces. The judgments of Superior and Justice Courts have to be filed in the District Court to create a lien on real estate, and are then enforced as judgments of the District Court.

Terms of the Supreme Court are in January, May and October of each year.

The Justice's Court has jurisdiction of all civil causes in which the amount in controversy does not exceed one hundred dollars, but may, by consent of parties in the suit, extend jurisdiction of such to the amount of three hundred dollars. No appeal is allowed from a Justice Court unless the amount exceeds twenty-five dollars.

No appeal lies to the Supreme Court unless the amount in controversy exceeds one hundred dollars, unless upon certificate of the trial court.

VI. FEES:

Acknowledgment before notary public	$0.25
Acknowledgment before justice	.25
Acknowledgment before clerk of court	.25
Attachment	2.50
Appeal	1.50
Commencement of suit in Justice Court	.50
Commencement of suit in court of record	1.50
Incorporation; for recording articles, per 100 words	.10
Mandamus	
Probate; for appointment of administrator	3.00
Protest	.75

Record: per 100 words	.10
Redemption	
Sheriff	
Transcription	1.00
Witness; mileage one way, 10 cents per mile, and per day	1.25

VII. DEEDS:

Acknowledgments of deeds to land made within the State, must be made before some court having a seal, or judge or clerk thereof, or their deputies, or before some justice of the peace, notary public, county auditor or his deputy. In the United States or its territories, must be made before some court of record,or officer holding the seal thereof, or by a commissioner of deeds, appointed by the governor of the state, notary public, or justice of the peace. In the case of the latter official, his authority to take the acknowledgment should be certified to by a clerk of a court of record, under seal of the court, as also his official character, and the genuineness of his signature. In foreign countries deeds may be acknowledged before any officer authorized by the laws of such country to certify to acknowledgments, or any ambassador, minister, consular agent, or other officer of the United States properly authorized to receive acknowledgments of deeds, but the certificate of acknowledgment by a foreign officer must be authenticated by one of the above named officers of the United States, by his official written statement that full faith and credit is due to the certificate of such foreign officer. Witnesses are not required.

No instrument affecting real estate is of any validity against subsequent purchasers for a valuable consideration, without notice, unless recorded in the office of the recorder of the county in which the land lies. The recorder must endorse upon every instrument properly filed in his office for record the time when so filed, and forthwith make above entries. And every instrument shall be recorded as soon as practicable, but no deed of real property shall be filed by the recorder until the proper entries have been made thereon by the auditor.

VIII. DEPOSITIONS:

After the commencement of a civil action or proceeding, if the witness resides within this State but in a different county from the place of trial, or is about to go beyond the reach of a subpoena, or is for any other cause expected to be unable to attend court at the time of trial, either party may take his deposition in writing before any person authorized to administer oaths.

Reasonable notice, the name of the witness, and of the time and place when and where the same will be taken, must be given the opposite party. Where the witness resides out of the county, his deposition may be taken on notice or on commission, as the party desiring his testimony may elect. The commissioner may be selected by the party desiring the deposition, and may be the clerk, or any judge of any court of record, or any commissioner appointed by the Governor of this State, to take acknowledgments of deeds in another state, or any notary public, or any consul or consular agent of the United States. A commission directed to "Any notary public within and for" any certain county and state is sufficient to comply with the requirements of the statute. [Sheriff vs. Hull, 37 Ia., 174.]

Reasonable notice must be given the adverse party of a time when a commission will be sued out of the office of the clerk of the court in which the action is pending, accompanied with a copy of the interrogatories to be asked such witness. At or before the time thus fixed the opposite party may file cross interrogations. The notice, if served on the party, shall be at least five days; if on the attorney, ten days, and served in the same manner as an original notice. The commission issues under the hand and seal of the clerk of the court, and the depositions shall be taken by the commissioner writing down each interrogatory and the answers. Neither party nor their attorneys are permitted to be present. When so taken, the depositions shall be securely sealed and transmitted by mail to the clerk of the court from which the commission issued.

IX. DESCENT:

The personal property of deceased not necessary for the payment of debts, and not otherwise disposed of, shall be distributed to the same persons and in the same proportion as though it were real estate. Subject to the interest of the widow and the rights and charges growing out of the settlement of the estate, the remaining estate shall, in the absence of other arrangement by will, descend in equal shares to his children. If any of his children be dead, the heirs of such child shall inherit his share in accordance with rules herein prescribed. If intestate leaves no issue, one-half of his estate shall go to his parents, and the other half to his wife. If he leaves no wife, the portion which should have gone to her shall go to his parents. If one of his parents be dead, the portion which would have gone to the deceased parent shall go to the surviving parent, including the portion which would have belonged to intestate's wife had she been living. If both parents be dead, the portion which would have fallen to their share shall be disposed of in the same manner as if they had outlived the intestate and died in possession and ownership of portion falling to their share; and so on through ascending ancestors and their issue. If heirs are not thus found, the portion uninherited shall go to the wife of intestate, or to her heirs, if dead, according to like rule; if he has had more than one wife, who either dies or survives in wedlock, it shall be equally divided between one who is living and heirs of those who are dead, or between the heirs of all, if all are dead, such heirs taking by right of representation.

One-third in value of legal or equitable estate in real property possessed by the husband, at any time during marriage, which had not been sold on execution, or other judicial sale, and to which the wife has made no relinquishment of her rights, shall be set apart as her property in fee simple if she survives him. The same share of real estate of a deceased wife shall be set apart to the surviving husband. The law in regard to widow of deceased husband shall be applicable to surviving husband of deceased wife.

X. EXECUTIONS:

May issue immediately upon the rendition of judgment, and are returnable in seventy days from the date of issue. On the judgment debtor entering good and sufficient security on the proper court records for the amount of such judgment, interest and costs, accrued and to accrue, he can have a stay of execution for three months on any sum under one hundred dollars; and on any amount above that sum for six months, by giving a bond, which shall be filed and recorded and have the effect of a judgment. The stay must be taken within ten days from the date of entry of judgment, and the party taking such stay, if he has been personally served with process, shall not afterward be allowed to appeal. If the judgment is not fully paid at the expiration of the stay, judgment is entered against the surety, and execution may be issued forthwith. After stay, a judgment draws ten per cent interest by operation of law. There can be no stay for wages due a mechanic or laboring man, nor by a surety on stay bond.

Redemption: Defendant may redeem real property sold under execution at any time within twelve months, meantime remaining in possession of the property, but where he has taken an appeal or stay of execution he cannot redeem. During the first six months he has exclusive right of redemption, but after that time, and before the expiration of nine months, any creditor having a lien can redeem.

XI. EXEMPTIONS:

Homestead of forty acres in the country and half an acre in city or town, with buildings, without regard to value. Homesteads are exempt to any widow of a soldier or sailor who died of disease or wounds contracted while in the service of the United States, or after discharge. Pension money, or a homestead procured by pension money, is exempt from attachment or execution. Pension money, whether in possession, or loaned or invested, is exempt. Personal property exempt includes tools, instruments, library, necessary team. etc., of a mechanic, farmer, teacher, or professional man; wearing apparel, household and kitchen furniture to the value of two hundred dollars; certain farm animals, and necessary food for six months. The foregoing relates only to residents being heads of families; unmarried persons and non-residents being only entitled to retain their own clothing and trunks, save and except pensioners. Where the debtor is a printer, the printing press and types, furniture and material, up to one thousand two hundred dollars, are exempt. One sewing machine is exempt to a seamstress. No exemption is waived by failure to except to levy of execution or to designate or select exempt property.

XII. HOMESTEAD:

Where there is no special declaration of the statute to the contrary, the homestead of every family, whether owned by the husband or wife, is exempt from judicial sale. A widow or widower, though without children, shall be deemed a family while continuing to occupy the house used as such at the time of the death of husband or wife. A conveyance or encumbrance by the owner is of no validity unless the husband and wife, if the owner is married, sign the same joint instrument.

The homestead is liable for the taxes accruing thereon, and, if plotted, is liable only for such taxes; and subject to mechanics' liens for work, labor, or material, done or furnished exclusively for the same. The homestead may be sold for debts contracted prior to the purchase and occupation thereof. It may be sold for debts created by written contract executed by the persons having the power to convey, but only to supply any deficiency after exhausting other property pledged for such debts.

The homestead must embrace the house used as a home by the owner thereof; if he has two or more, he may select which he will retain as his homestead. It may contain one or more lots or tracts of land, with the buildings thereon and other appurtenances. If within a town plot it must not exceed one-half an acre in extent, and if not within a town plot, it must not embrace in the aggregate more than forty acres. But if, when thus

limited, in either case its value is less than five hundred dollars, it may be enlarged till its value reaches that amount. It must not embrace more than one dwelling house, or other buildings except such as are properly appurtenant; but a shop used and occupied in his ordinary business by the owner, and not exceeding three hundred dollars in value, may be deemed appurtenant. The owner, or husband or wife, may select the homestead and cause the same to be plotted. The owner may from time to time change the limits of the homestead. The new homestead, to the extent of the old, is exempt from execution in all cases where the former would have been, but in no greater degree.

Upon the death of either husband or wife, the survivor may continue to possess and occupy the whole homestead until otherwise disposed of according to law. The setting off of the distribution share of the husband or wife in the real estate of deceased shall be such disposal. But the survivor may elect to retain the homestead for life in lieu of such share in the real estate of deceased. Subject to such rights the homestead descends to the issue of either husband or wife, according to the rules of descent, unless otherwise directed by will; and is to be held by such issue exempt from any antecedent debts of their parents or their own. If there is no such survivor or issue, the homestead may be sold for payment of debts to which it might at that time be subjected, if it had never been held as a homestead. Subject to the rights of the surviving husband or wife, the homestead may be devised like other real estate.

XIII. INTEREST:

The legal rate is eight per cent. Parties may contract, in writing, for eight per cent. Judgments draw six per cent, or such rate as is fixed by the contract on which judgment or decree is rendered, not exceeding eight per cent per annum. Open accounts draw six per cent after six months from date of last item. A contract for more than eight per cent forfeits ten per cent on the amount of contract, and all interest and costs.

XIV. JUDGMENTS:

In the District and Superior Courts judgment may be obtained at the first term after suit is commenced, if undefended.

Judgments of the District Court are liens on real estate owned by the debtor at the time of such rendition. If the lands lie in the county where judgment was rendered, the lien attaches from its date; if in any other county, from the time of filing therein an attested copy of the judgment. Lien covers all the lands which defendant may acquire within ten years from the date of judgment. Judgments of Superior Courts and Justices' Courts become liens on real estate by filing transcript in the District Court within the county where obtained, and become liens in other counties in the same manner as if rendered in the District Court.

XV. LIENS:

Judgments in the courts of this State are liens upon the real estate owned by the defendant at the time of such rendition, and also upon all he may subsequently acquire for the period of ten years from the date of the judgment, as set forth above. When a judgment is paid or satisfied, the plaintiff must acknowledge satisfaction on the docket or by a writing duly acknowledged and filed with the clerk.

Every mechanic or other person who shall do any labor upon, or furnish any materials, machinery, or fixtures for, any building, erection or other improvement upon land, including those in the construction of railway grades, shall have a lien upon the same and on the land on which the same is situated. Such work and labor, or materials, must be done or furnished by virtue of a contract with the owner, his agent, contractor or sub-contractor. In order to preserve such lien, the statement of account and affidavit claiming the lien must be filed in the office of the clerk of the court within ninety days, in case of a contractor, and in case of a sub-contractor or laborer within thirty days after the last work was done or materials furnished. This lien is prior to that of a mortgage on the building or improvement.

There is no special statute by which a miner mining coal can, under the general mechanics' lien law, avail himself of a lien, except for the construction of works, erection of machinery or material furnished, which is covered by the mechanics' lien laws, available for any and all laborers and material men who perform work upon or furnish material for the construction or improvement of property.

XVI. LIMITATIONS:

Actions for injury to person or reputation, or to cover a statutory penalty, must be brought within two years; to enforce a mechanics' lien, two years; on unwritten contracts, five years; on written contracts, ten years; on judgments of courts of record, twenty years; to recover real estate, ten years. Revivor is contained in an admission of debt or a new promise to pay, which must be in writing, and signed by the party to be charged.

XVII. MARRIED WOMEN:

May own in their own right real and personal property acquired by descent, gift or purchase, and may manage, sell, convey and devise the same by will in the same manner as the husband can property belonging to him. Neither husband nor wife is liable for the debts or liabilities of the other incurred before marriage, and, except as herein otherwise declared, they are not liable for the separate debts of the other; nor are the wages, earnings or property of either, nor the rent or income of such property, liable for the separate debts of the other. Contracts may be made by a wife and liabilities incurred, and the same enforced by or against her, to the same extent and in the same manner as if she was unmarried. They may be sued jointly or separately therefor. Dower and the estate of curtesy are abolished, but the surviving wife or husband takes one-third in value of all the legal and equitable estate possessed by the other during marriage.

XVIII. MORTGAGES:

Mortgages must be signed by the parties, acknowledged and recorded same as deeds. Mortgages of real estate are foreclosed by equitable action, and mortgagor has one year after sale within which to redeem. Subsequent lien holders have nine months after sale within which to redeem.

Chattel mortgages must be executed same as mortgages on real estate, and in order to be valid against subsequent purchasers without notice must be recorded in the county wherein the mortgagor resides. Chattel mortgages may be foreclosed by notice and sale or by action in court. No redemption is allowed. All kinds of personal property may be pledged in a chattel mortgage, but the description must be specific, and sufficient to enable third persons with the suggestions on the face of the mortgage to identify and locate the property. In the absence of stipulations to the contrary, mortgagor is entitled to the possession of the property until default is made.

XIX. NOTES AND BILLS:

Grace is allowed on all negotiable bills or notes payable within the State according to the law merchant, except those drawn payable on demand, and notice of non-acceptance, or non-payment, or both, is required according to the rules of commercial law. Damages allowed on protested paper are from three to five per cent. To hold indorser, the note must be duly presented, payment refused, and indorser notified. Open accounts are assignable. Paper falling due on Sunday, the first day of January, 30th of May, 4th of July or the 25th of December, and any day appointed by the Governor or the President as a day of fasting or thanksgiving, shall be considered and treated as falling due on the preceding day. Defenses to non-negotiable paper and accounts accrued after notice in writing of assignment to maker are valid as against assignee; providing that if negotiable paper be obtained by fraud, the holder thereof shall recover no greater sum than he paid, with interest and costs.

XX. SUITS:

There is but one form of action in this State, known as a civil action and regulated by a code of procedure. Actions are commenced by serving the defendant with a notice stating clearly the nature of the claim, and filing a petition in court, ten days before the term. Actions generally are prosecuted in the name of the real party in interest, and in the county where defendant resides, or property in question is situated, or the cause of action arose.

Process must be served in Justices' Courts on a debtor at least five and not more than fifteen days preceding hearing of cause, and in the District Courts and Superior Courts at least ten days before the first day of the term. If the defendant is served outside of his county, but inside of a judicial district, process must be served fifteen days before term; elsewhere there must be twenty days' service for every one thousand miles or fraction thereof. Service short for the first term is good for the next term.

XXI. TAXES:

Taxes become due and payable on the first Monday of January in each year, and one-half thereof may be paid before the first day of March succeeding the levy, and the remaining one-half before the first day of September following; provided, that where the half has not been paid before the first day of April succeeding the levy, the whole tax shall become delinquent from the first day of March following the levy. If the second installment be not paid before the first day of October succeeding the levy, it shall be delinquent. All delinquent taxes draw interest at the rate of one per cent per month until paid. Personal property is liable to distress and sale for all taxes, and the tax list is the warrant thereof. Taxes on personal and real property are made a perpetual lien on real property.

Lands are sold on the first Monday in December after taxes become delinquent. Three years are allowed in which to redeem by payment of the amount for which the lands were sold, with ten per cent penalty, and ten

per cent per annum interest upon the whole amount; provided, that after two years and nine months from date of tax sale notice must be given to the person to whom the said land is assessed, and the person in actual possession. that deed will be taken ninety days thence. Where land is assessed unknown and is unoccupied, no notice is necessary; provided, that a non-resident may file with the treasurer of the county a written appointment of some resident of the county where the land is situated, upon whom service shall be made. Taxes may become a lien as between vendor and vendee after December 31st of each year.

XXII. WILLS:

Any person of full age and sound mind may dispose by will of all his property except what is sufficient to pay his debts, or what is allowed as a homestead, or otherwise given by law as privileged property to his wife and family.

All other wills must be in writing, witnessed by two competent witnesses and signed by the testator, or by some person in his presence and by his express direction. No subscribing witness can derive any benefit from the will unless there be two disinterested witnesses to the same.

Personal property to the value of three hundred dollars may be bequeathed by a verbal will, if witnessed by two competent witnesses. A soldier in actual service, or a mariner at sea, may dispose of all his personal estate by a will so made and witnessed.

Posthumous children unprovided for in the father's will shall inherit the same interest as though no will had been made. The word "devisee" shall embrace "legatees," and the word "devised" shall have the force of the word "bequeathed." If a devisee dies before the testator, his heirs shall inherit the amount so devised to him. But the widow of a deceased husband cannot inherit property devised by him to a child who died before the death of the husband.

Any person having the custody of a will, shall, as soon as informed of the death of the testator, file the same with the clerk of the local court, who shall open and read the same. Should such person fail to produce the will after reasonable notice, he may be committed to jail until he comply. After the reading of the will a day shall be fixed by the court or clerk for proving the same. Whenever the proving of a will is contested either party may demand a jury. Notice of hearing shall be given by the clerk publishing a notice in some newspaper conveniently near.

Foreign wills probated in any other state or country shall be admitted to probate in this State without the notices required in the cases of domestic wills.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

The constitution provides that no corporation shall be created by special laws, but the general assembly shall provide by general laws for the organization of corporations. The property of all corporations for pecuniary profit shall be subject to taxation the same as that of individuals. The State shall not become a stockholder in any corporation, nor shall it assume or pay the debts or liabilities of any corporation, unless incurred in time of war for the benefit of the State.

II. ORGANIZATION:

Any number of persons may associate themselves and become incorporated for the transaction of any lawful business. Among the powers of such body corporate are the following: 1. To have perpetual succession. 2. To sue and be sued by its corporate name. 3. To have a common seal, which it may alter at pleasure. 4. To render the interest of stockholders transferable. 5. To exempt the private property of its members from liability for corporate debts. 6. To make contracts, acquire and transfer property, possessing the same powers in such respects as private individuals may enjoy. 7. To establish by-laws, and make all rules and regulations deemed expedient for the management of its affairs in accordance with law.

The articles of incorporation must fix the highest amount of indebtedness or liability to which the corporation is at any time to be subject, which must in no case, except in that of risks of insurance companies, exceed two-thirds of the capital stock. A notice must also be published for four weeks in succession in some newspaper as convenient as possible to the principal place of business. Such notice must contain: 1. The name of the corporation and its principal place of transacting business. 2. The general nature of the business to be transacted. 3. The amount of capital stock authorized, and the times and conditions on which it is to be paid in. 4. The commencement and termination of the corporation. 5. By what officers or persons the affairs of the corporation are to be conducted, and the times at which they will be elected. 6. The highest amount of indebtedness to which the corporation is at any time to subject itself. 7. Whether private property is to be exempt from corporate debts.

The corporation may begin business as soon as the articles of incorporation are filed in the office of the recorder of deeds, and the doings shall be valid if the publication in the newspaper is made and articles recorded in the office of the Secretary of State within three months from such filing in the recorder's office.

Any of the provisions of the articles of incorporation may be changed at any annual meeting of the stockholders, or a special meeting called for that purpose, but are not valid unless recorded as the original articles are required to be. Said changes need only be signed and acknowledged by the officers of the corporation.

No corporation can be dissolved prior to the period fixed in the articles except by unanimous consent, unless a different rule has been adopted in the articles. The same newspaper publication must precede a premature dissolution as required at its creation.

III. LIABILITY OF STOCKHOLDERS:

A failure to comply substantially with the requisition in relation to organization and publicity renders the individual property of the stockholders liable for the corporate debts, but this provision is not applicable to railway corporations and corporators, and stockholders in railway companies shall be liable only for the amount of stock held by them in said companies.

Nothing in the law nor in the articles of incorporation shall exempt the stockholders from individual liability to the amount of the unpaid installments on the stock owned by them, or transferred by them for the purpose of defrauding creditors, and execution against the company may, to that extent, be levied upon the private property of any such individual.

The private property of the stockholders cannot be levied upon for the payment of corporate debts, while corporate property can be found with which to satisfy the same, but it will be sufficient proof that no property can be found, if an execution has issued on a judgment against the corporation, and no property found, or pointed out on which to levy. Before any stockholder can be charged with the payment of a judgment rendered for a corporate debt, an action shall be brought against him, in any stage of which he may point out corporate property subject to levy. When the private property of a stockholder is taken for a corporate debt, he may maintain an action against the corporation for indemnity, and against any of the other stockholders for contribution.

The franchise of a corporation may be levied upon under execution and sold, but the corporation shall not become thereby dissolved, and no dissolution of the corporation shall affect the franchise, and the purchaser becomes vested with all the powers of the corporation therefor. Such franchise shall be sold without appraisement.

IV. FRAUDULENT PRACTICES:

Intentional fraud in failing to comply substantially with the articles of incorporation, or in deceiving the public or individuals in relation to their means or liabilities, shall subject those guilty thereof to fine and imprisonment, and damages may be recovered by any person who has sustained injury from such fraud.

Injury to any person by the diversion of the funds of the corporation to other objects than those mentioned in its articles and in notices published, and the payment of dividends which leave sufficient funds, will subject those therein concerned to the penalties of the preceding section.

Either such failure, or the practice of fraud in the manner mentioned, shall cause a forfeiture of all the privileges conferred and the courts may proceed to wind up the business of the corporation.

Dividends by insurance companies made in good faith before their knowledge of the happening of actual losses are not intended to be prevented or punished.

V. DURATION:

Corporations shall not exist for more than twenty years, except those for the construction of any work of internal improvement, or for the business of life insurance, which may exist for fifty years; but may be renewed from time to time, except that corporations for agricultural or horticultural purposes and cemetery associations may be formed to endure any length of time.

Any corporation organized in accordance with the provisions of this chapter shall cease to exist by the nonuse of its franchise for two years at any one time, but shall not forfeit its franchises by reason of its omission to elect officers. Corporations whose charters expire by their own limitations, or the voluntary act of the stockholders, may, nevertheless, continue to act, for the purpose of winding up their concern.

For the purpose of repairs, rebuilding, or enlarging, or to meet contingencies fund, the corporation may establish a sinking fund.

VI. BOOKS AND RECORDS:

A copy of the by-laws of the corporation, with the names of all its officers appended thereto, must be posted in the principal places of business, and be subject to public inspection. A statement of the amount of capital stock subscribed, the amount of capital actually paid in, and the amount of indebtedness in a general way, must also be kept posted up in like manner.

The transfer of shares is not valid except as between the parties thereto until it is regularly entered on the books of the company, so as to show the names of the persons by and to whom transferred, the numbers or other designation of the shares, and the date of the transfer.

In any proceedings by or against a corporation, or against a stockholder, the court has power to compel the officers to produce the books of the corporation.

A single individual may entitle himself to all the advantages of the law, provided he complies substantially with all its requirements.

VII. FOREIGN CORPORATIONS:

No foreign corporation which has not in good faith complied with the provisions of the law, shall hereafter be authorized to exercise any of the powers of eminent domain, or exercise any of the rights and privileges conferred upon corporations.

Any foreign corporation sued or impeached in any of the courts of this State upon any contract made or executed in this State, or to be performed in this State, or for any act or omission, public or private, arising, originating, or happening in the State, who shall remove any such cause from such State court into any of the federal courts shall forfeit and render null and void any permit granted for the pursuit of its business in this State.

Any foreign corporation that shall carry on its business without having complied with the provisions of the law shall forfeit and pay the sum of one hundred dollars for each and every day in which such business is transacted and carried on.

[This statute is unconstitutional for the reason that it makes the stipulation not to remove cases to the federal courts a condition for obtaining the permit to do business.]

MINING.

I. INSPECTION OF MINES:

The State is divided into three mining districts, and there are three mine inspectors, one for each district, appointed by the Governor, and holding their office for two years. Their duties require them to examine the mines of their respective districts, and see that the mining laws are complied with.

The owner or agent of every coal mine shall make, or cause to be made, an accurate map of such mine, and on or before the first day of September of each year report all progress in working said mine. When a mine is worked out and abandoned, the owner or agent shall deliver a correct map of the same to the inspector, to be filed in his office.

II. MEASURES OF SAFETY:

There shall be in every mine at least two separate outlets, separated by natural strata of not less than one hundred feet in breadth, by which shafts or outlets distinct means of ingress and egress are always available to the persons employed in the mine. In no case shall a furnace shaft be used as an escape shaft, unless the furnace shaft is large enough to be divided, when a partition shall be placed therein to fully protect the half thereof from heat and smoke. The distance from the main shaft shall not be less than three hundred feet, without the consent of the inspector, and no building shall be put nearer the escape than one hundred feet, except the house necessary to cover the mouth thereof.

The owner or agent of every coal mine, whether it be operated by shaft, slope or drift, shall provide and maintain for such mine an amount of ventilation of not less than one hundred cubic feet of air per minute for every person employed in said mine, and not less than five hundred cubic feet of air per minute for each mule or horse employed in the same. When the inspector finds men working without sufficient air, or any unsafe conditions, he shall give the owner or agent notice to rectify the same, and if such is not done, he may order the men out until the defect is rectified.

The most approved methods of safety appliances are required to be used, subject to the approval of the inspector. None but experienced engineers shall be employed in charge of the engines. A failure to comply with the law in regard to the appliances and other provisions of the law makes the owner or operator of a mine liable to be enjoined, and liable for all damages which may accrue by reason of the failure to comply with the provisions of the law.

The owner, agent or operator of any coal mine shall keep a sufficient supply of timber to be used as props, so that the workmen may at all times properly secure the workings.

III. MISDEMEANORS:

Any miner, workman or other person who shall knowingly injure or interfere with any air-course or brattice, or obstruct or throw open doors, or disturb any part of the machinery, or do any act whereby the lives and health of the persons employed therein, or the security of the mines and machinery is endangered, shall be deemed guilty of a misdemeanor. Any person willfully neglecting or refusing to comply with the provisions of this act, when notified by the mine inspector to comply with such provisions, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not exceeding five hundred dollars or imprisonment in the county jail not exceeding six months.

IV. WEIGHT OF COAL:

The owner or agent of each coal mine within this State at which the miners are paid by weight shall provide at such mine suitable scales of standard make for the weighing of all coal mined. The owner or agent of such mine shall require the person authorized to weigh the coal to be sworn, and the oath posted in a conspicuous place.

The miners employed and working in any mine may furnish a competent check-weighman, who shall at all proper times have full right of access to and examination of such scales, machinery or apparatus, all measures and weights of coal mined and the accounts kept of the same. Fraud in weighing committed by the company, check-weighman or any person shall be punished by fine of not less than two hundred nor more than five hundred dollars or imprisonment.

All coal mined under contract for payment by the ton or other quantity shall be weighed before being screened, unless otherwise agreed upon in writing. Eighty pounds of coal as mined shall constitute a bushel, and two thousand pounds of coal as mined shall constitute a ton.

Any person damaged by reason of coal mined not having been weighed and credited to him in accordance with the provisions of this act may recover his damages in a civil action against the employer, but such action must be commenced within two years after the right of action accrues.

V. WAGES:

It shall be unlawful for any person, firm, company or corporation to sell, give, deliver or in any manner issue, directly or indirectly, to any person employed by him or it, in payment for wages due for labor, or as advances on the wages of labor not due, any scrip, check, draft, order or evidence of indebtedness, payable or redeemable otherwise than in their face value in money.

VI. COERCION:

Whoever compels or in any manner seeks to compel or coerce an employe of any person, firm, company or corporation to purchase goods or supplies from any particular person, firm, company or corporation shall be guilty of a misdemeanor, and punished by fine or imprisonment.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF KANSAS.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by JOHN RANDOLPH, Attorney-at-Law, Pittsburg, Kansas.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments within the State must be made before a judge or clerk of a court having a seal, a justice of the peace, notary public, county clerk, register of deeds, or mayor or clerk of an incorporated city. Every notary public shall add to his official signature the date of the expiration of his commission as notary public. In cases where the acknowledgment is made out of the State it must be made before a court of record, a clerk, or other officer having a seal thereof, a commissioner of deeds for Kansas, justice of the peace, or notary public, or before any consul of the United States, resident in any foreign country or port. When the acknowledgment is made before a justice of the peace, some clerk of a court of record must certify to his official position. (See "VIII. Deeds.")

II. ALIENS:

If non-residents, aliens can not acquire title to real estate; but heirs of aliens who have heretofore acquired land may take such land by devise or descent and hold the same for three years if of age, and for five years if minors, when it reverts to the State if not previously sold in good faith. Minor aliens residing in the United States may acquire title by purchase and retain it for six years after they might, under the naturalization laws, have declared their intention to become citizens, at the expiration of which time, if such aliens have not become citizens, it shall revert to the State. Resident aliens who have declared under the naturalization laws their intention to become citizens may, during six years thereafter, exercise all the property rights of citizens, when the land owned by them shall escheat to the State, if such aliens have not become citizens. No corporation in which more than twenty per cent of the stock is owned by aliens shall acquire or hold real estate. Forfeited land is sold by judicial process, and proceeds after payment of costs returned to alien owners. An alien owning land prior to the taking effect of this act can dispose of the same during his life.

III. ASSIGNMENTS:

Assignments must be for benefit of all creditors, and do not discharge the debtor. They must be executed and recorded like conveyances of real property. Creditors (to amounts above ten dollars) are notified by the clerk of the District Court, and at the meeting held for choice of assignee, a majority of such creditors must be present, otherwise the appointment rests with the court. Creditors who fail to appear are precluded. Assignee must pay out funds in his hands within one month of allowance of demands. Property must be appraised, and assignee is in all respects subject to the order of the court, and his accounts are passed upon by a commissioner before his discharge.

IV. ATTACHMENT:

The creditor in a civil action for the recovery of money may, at or after the commencement thereof, have an attachment against the property of the debtor: 1. Where the debtor or one of several debtors is a foreign corporation or non-resident of the State (but no attachment shall be granted on the ground or grounds in this clause stated, for any claim other than a debt or demand arising upon contract, judgment or decree, unless the cause of action arose wholly within the limits of this State, which fact must be established on the trial); or where the debtor or one of several debtors: 2. Has absconded with intent to defraud his creditors. 3. Has left the county of his residence to avoid the service of a summons. 4. So conceals himself that a summons cannot be served upon him. 5. Is about to remove his property or a part thereof out of the jurisdiction of the court, with intent to defraud his creditors. 6. Is about to convert his property or a part thereof into money, for the purpose of placing it beyond the reach of his creditors. 7. Has property or rights in action which he conceals. 8. Has assigned, removed or disposed of, or is about to dispose of his property or a part thereof, with the intent to defraud, hinder or delay his creditors. 9. Fraudulently contracted the debt, or fraudulently incurred the liability or obligation, for which suit is about to be or has been brought. 10. When the damages for which the action is brought are for the injuries arising from the commission of some felony or misdemeanor, or the seduction of some female. 11. When the debtor has failed to pay for an article or thing delivered, for which by contract he was bound to pay on delivery. 12. Where the claim is for rent and the tenant is about to remove or has within thirty days removed his chattels from the rented property. The last is a special provision.

When the plaintiff, his agent or attorney, shall make oath in writing that any person or corporation has property of the defendant, or is indebted to him, a garnishment summons may issue to such person, and a copy of the order of attachment, with notice that he appear and answer. When suit is brought before a justice of the peace, if affidavit is made that any person or corporation is indebted to defendant, or has property belonging to him, and that plaintiff is likely to lose his claim unless garnishee summons issue, the justice of the peace will issue summons at the commencement of the suit. (See "XI. Exemptions.")

V. CONTRACTS:

All contracts which, by the common law, are joint only, shall be construed to be joint and several. Any person jointly or severally liable with others for the payment of any debt may be released from such liability by the creditor, and such release shall not discharge the other debtors beyond the proper proportion of the debt for which the person released was liable. The use of private seals in written contracts (except seals of corporations) is abolished.

VI. COURTS:

Terms and jurisdiction: District Courts, holding three terms a year in nearly every county, have general original jurisdiction in law and equity.

Regular terms of the Probate Court are held in each county on the first Mondays in January, April, July and October, and special or adjourned terms may be held as business may require.

Justice Courts have jurisdiction in civil actions for the recovery of money to amounts not more than three hundred dollars; and to recover specific personal property not exceeding one hundred dollars.

VII. FEES:

Acknowledgment before notary public	$ .25
Acknowledgment before justice	.50
Acknowledgment before clerk of court	.25
Attachment—no rule.	
Appeal—no rule.	
Commencement of suit in Justice Court	3.00
Commencement of suit in court of record	15.00
Incorporation: to Secretary of State	1.00
Mandamus—no rule.	
Probate—no rule.	
Protest: rate allowed by banks	1.50
Record	1.25
Sheriff: contingent.	
Transcription	1.25
Witness: per day	1.50
Per mile	.10

VIII. DEEDS:

All instruments of writing for the conveyance or incumbrance of real estate within this State, executed and acknowledged, or proved in any other state, territory or country, in conformity with the laws of such state, territory, or country, or in conformity with the laws of this State, shall be valid as if executed within the State.

Husband and wife must joint in conveyance of community real estate. Grantors need not attach any seal or scroll to their signatures and no witnesses are necessary, unless grantors are unable to write. Corporations convey by deed sealed with the corporation seal and

signed by the president, vice-president, presiding member or trustee.

IX. DESCENT:

The homestead is the absolute property of the widow and children; one-half in value to the widow, and the other half to the children, when both survive. The homestead cannot be divided or sold by an action for partition until all the children attain majority. One-half of all real estate owned by husband during coverture, and not conveyed by husband and wife, nor sold at judicial sale, goes to the wife in fee simple; except of land sold by husband whose wife never resided in the State.

The remaining estate goes to the surviving children, and living issue of prior deceased children, per stirpes, in equal shares; or, if none, to the widow. For want of wife or child the whole estate goes to the parents. The rules applicable to the widow of deceased husband apply to husband of deceased wife. Illegitimate children inherit from the mother, and also from the father, if his recognition has been general and notorious, or in writing. When a child would inherit from either parent, such parent will inherit from the child.

X. EXECUTIONS:

May be ordered as soon as judgment is obtained. It is the duty of the justice, without any order, to issue execution within ten days from rendition of judgment. Executions are made returnable within thirty days. Personal property levied on must be appraised, advertised for ten days, and sold at auction to the highest bidder. In judgments upon notes or mortgages, when the written instrument contains the words "appraisement waived," no execution or order of sale can issue until the expiration of six months after the date of judgment. Executions out of District Court are returnable in sixty days.

Stay: There is no stay of execution in the District Court, except where a case is taken to the Supreme Court on appeal, and then only upon the giving of proper bonds.

In Justices' Courts, by filing bond, stays of execution are granted as follows: On any judgment for twenty dollars and under, thirty days; over twenty dollars and under fifty dollars, sixty days; over fifty dollars and not exceeding one hundred dollars, ninety days; over one hundred dollars, one hundred and twenty days.

There is no redemption of land sold under execution or other legal process in this State.

XI. EXEMPTIONS:

Every person residing in this State, and being the head of a family, shall have exempt from seizure upon attachment or execution, or other process issued from any court in this State: family Bible, school books, and family library; family pictures and musical instruments used by the family; all wearing apparel of the family; all beds, bedsteads and bedding used by the debtor and his family; one cooking stove and appendages, all cooking utensils, and all other stoves and appendages necessary for the use of the debtor and his family; one sewing machine; spinning wheel, all other implements of industry, and all other household furniture not herein enumerated, not exceeding five hundred dollars in value; two cows, ten hogs, one yoke of oxen and one horse or mule, or in lieu of one yoke of oxen and one horse or mule, a span of horses or mules, and twenty sheep and their wool; necessary food for the support of such stock for one year; one wagon, two plows, drag, and other farming utensils, not exceeding three hundred dollars in value; grain, meat, vegetables, groceries, etc., for the family for one year; the tools and implements of any mechanic, miner, or other person, kept for the purpose of carrying on his business, and in addition thereto stock in trade not exceeding four hundred dollars in value; and the library, implements and office furniture of any professional man; also personal earnings of the debtor earned during three months preceding the garnishment or attachment, and three months' pension money, where such earnings or pension money are necessary for the support of the debtor's family. Residents, not the head of a family, have tools, implements, and stock in trade up to four hundred dollars in value exempt from execution.

XII. HOMESTEAD:

There is exempt to every person residing in this State and being the head of a family, a homestead of one hundred and sixty acres of farming land, or of one acre within an incorporated town or city, with buildings thereon, unlimited in value. A lien on the homestead may be created by husband and wife joining in the mortgage; and may also lie for material used in improvements thereon.

XIII. INTEREST AND USURY:

The legal rate of interest is six per cent, but ten per cent may be agreed upon. All in excess of ten per cent is forfeited, and in addition thereto there shall be deducted from the amount due for principal, with lawful interest, an amount equal to the interest contracted for in excess of ten per cent. The legal interest originally contracted for continues until the debt is paid, and no additional interest can be charged by way of penalty for default.

A purchaser of a negotiable note for value before maturity, without notice, takes the note free of the usurious taint, the remedy of the maker being against the original holder.

XIV. JUDGMENTS:

Judgments of courts of record are liens on the real estate of debtor within the county wherein rendered, but lose their priority over subsequent judgments unless execution is issued and levied within one year after judgment. The lien can be extended to other counties by filing certified copies of the judgment therein. The lien continues for five years, and may be revived within one year thereafter; but the issuance of execution prevents the judgment from becoming dormant until the expiration of five years from the date of issue of each execution. Justices' judgments become liens on filing transcript thereof in the District Court of the county in which they were rendered.

One under contract with the owner, trustee, agent, husband or wife of owner of land, for furnishing any material to build, alter or repair any structure thereon, or furnishing or performing labor, or for trees, sidewalks, etc., shall have a lien upon the land and all appurtenances, prior to all liens subsequent to the beginning of the building, or other work.

Original contractors have four months and sub-contractors and laborers sixty days, after material was last furnished or work done, in which to file the lien with the clerk of the District Court, and one year after filing to begin suit for enforcement.

All rights are assignable. If a note be given for the claim, such action lies within one year after maturity of note. If contractor fails to pay sub-contractor, or the latter or either the laborer, lien lies as above. Attorney's fee is allowed against defendant and property.

A bond approved by the clerk of the District Court, conditioned for payment of all claims, and for not less than the contract price, avoids all liens. On public works a bond to the State must be filed in the contract price.

XV. LIENS:

Any article entrusted to a mechanic, artisan or tradesman for alteration or repair is subject to lien for value of the work thereon, and if such is not paid in three months, may be sold.

The owner of any building or land has a lien on tenants' goods or crops for rent. Attachment lies for the removal of such without paying rent, at the time of or within thirty days after removal.

XVI. LIMITATIONS:

An action for the recovery of real property sold on execution or by executors, administrators or guardians, brought by the execution debtor, or the heirs, ward or guardian, or any claiming under them after the date of the judgment or order of sale, must be entered within five years after the deed is recorded. To recover by holder of tax deed, within two years, and against holder of tax deed, within five years after recording of tax deed. Other actions for the recovery of real property, within fifteen years after cause of action accrues.

Action must be entered on official bond and contracts in writing, within five years; on contracts not in writing, within three years; and for trespass, detinue, replevin, injuries not arising on contract, and relief on the ground of fraud, within two years.

XVII. MARRIED WOMEN:

Have the same rights as men concerning property and business, and may carry on trade, sue and be sued, and sell or convey their real estate, precisely as their husbands can. The estates of dower and courtesy have been abolished. The homestead is the absolute property of the widow and children, and the widow takes in fee simple one-half of all other real estate owned by the husband during coverture, unless she joined in the conveyance thereof.

XVIII. MORTGAGES:

Mortgages and conveyances of real estate, to be valid against subsequent bona fide purchasers, must be duly acknowledged and recorded within the county; and are foreclosed by suit only, in which all parties in interest are made parties defendant.

Chattel mortgages are absolutely void as against creditors, and subsequent purchasers and mortgagees in good faith, unless possession of the property actually passes to and remains in the mortgagee, or the instrument be forthwith filed of record. Such mortgages expire within one year, as to creditors or purchasers, unless renewed by affidavit, showing interest, filed during the last thirty days of the year. In case of exempt personal property, both husband and wife must unite in executing the mortgage to make it effectual.

XIX. NOTES AND BILLS:

All bonds, notes and bills of exchange, foreign and inland, drawn for any sum or sums of money, certain, and made payable to any person or bearer, shall be negotiable by indorsement thereon if payable to order, and by delivery if payable to bearer, so as to absolutely transfer and vest the property thereof in each and every indorsee or holder, successively; but nothing in this section shall be construed to make negotiable any such bond, note or bill of exchange, drawn payable to any person or persons

alone, and not drawn payable to any order, bearer or assigns. (See General Statutes, 1868.)

By the laws of 1875, it was provided that no person or persons, bank or body corporate, residing or doing business within the limits of this State can be held liable for protest damages on any bond, note or bill protested heretofore or hereafter for non-acceptance or non-payment.

All bonds, notes and bills of exchange, except bank checks and sight drafts, made negotiable, shall be entitled to three days of grace in the time of payment. Whenever the third day of grace falls upon a Sunday, July 4th, December 25th, or January 1st, or upon any date appointed for a public fast or thanksgiving, the next preceding day is the last day of grace.

XX. SUITS:

Are commenced in the District Courts by filing a petition and praecipe, and causing a summons to issue thereon. Actions concerning real estate must be brought in the county in which the land or a part of it is situated, and all other actions in the county in which defendant resides or may be summoned, except where defendant is non-resident or a foreign corporation, when action may be brought in any county where defendant has property.

XXI. TAXES:

One-half the annual levy becomes due on December 20th in each year, and if not paid, all becomes due and there is a penalty of five per cent added. If not paid by the succeeding March 20th, another five per cent is added, and on the following June 20th still another five per cent. The tax is then delinquent, and the property is subject to sale on the first Tuesday in September following. After sale it bears interest at the rate of twenty-four per cent per annum, and the same rate on all subsequent taxes. The lien attaches on November 1st in the year in which tax is levied, and lands sold for taxes are redeemable within three years from the day of sale.

XXII. WAGES:

The law of 1893 provides: All private corporations, except steam surface railways and corporations engaged in the production of farm and dairy products, shall pay the wages earned by those in their employ in lawful money of the United States each and every week, the same to be paid not later than Friday of each week for wages earned during the preceding week. If there be failure of such payment, penalty shall attach to the corporation and become due to the employes in a sum equivalent to a penalty of five per cent per month as liquidated damages, and such penalty shall become a judgment in any court of competent jurisdiction and continue in effect to the time of payment.

If an employe be discharged, wages become immediately due and payable and the penalty accrued. Action to recover wages and penalty must be brought within six months succeeding default. Any contract in violation, evasion or circumvention of the law in this respect is unlawful and void. A contractor acting for a corporation makes the corporation liable as if acting directly. An action by an employe to recover wages shall include a reasonable attorney's fee, to be taxed as costs.

XXIII. WILLS:

All wills must be in writing and signed at the end thereof by the party making the same, or by some other person in his presence and by his express direction, and be attested and subscribed in the presence of the testator by two or more competent witnesses, who saw the testator subscribe or heard him acknowledge the same.

The husband cannot devise to persons other than the wife more than one-half of his real estate without her consent. A devise of one-half of the real estate will not be avoided by the widow refusing to take under the will. A will, executed, proved, and allowed in another state, according to the laws of that state, relative to property in this State, may be admitted to record in the Probate Court of the county in which the property is situated by producing an authenticated copy, and thereupon has the same validity as if made in this State.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

Corporations may be created under general laws. The legislature can confer no corporate powers by special act.

Dues from corporations are secured by the individual liability of stockholders to an additional amount equal to the par value of the stock held by each. This does not apply to railroad, religious nor charitable corporations.

In religious corporations, the title to all property of the same vests in trustees, elected by the members.

The term corporation includes all associations and joint stock companies having powers and privileges not possessed by individuals nor partnerships; and are classed: 1, public; 2, private; 3, for religion; 4, for charity or benevolence; 5, for profit. Corporations may be organized for the conduct of any lawful business, and among others enumerated, "the transaction of any manufacturing, mining, mechanical, chemical or mercantile and agricultural implement and produce business, either separately or all combined."

II. ORGANIZATION:

At least five persons, three of whom must be citizens and residents of the State, voluntarily associate themselves, and prepare a charter setting forth: 1. The name of the corporation. 2. The purpose for which it is formed. 3 The place or places where its business is to be transacted. 4. The term for which it is to exist. 5. The number of its directors or trustees, and the names and residences of those who are appointed for the first year. 6. The amount of its capital stock, if any, and the number of shares into which it is divided.

The charter of an intended corporation must be subscribed by five or more persons, at least three of whom must be citizens of the State and must be acknowledged by them before an officer authorized to take acknowledgments of deeds; after which it must be forwarded to the Secretary of State, with a fee of one dollar. The charter is filed and the original retained by the secretary. The corporation exists from the said filing, and a certified copy thereof is evidence of the creation of the charter. Corporations must begin business within five years from the filing of the charter, or are thereby dissolved.

The corporate name of every corporation (except banks and corporations not for pecuniary profit) must begin with the word "the" and end with the word "corporation," "company," "association," or "society," and such name must indicate the character of the business to be carried on.

III. POWERS:

1. To have succession by its corporate name, for the period limited in its charter, and when no period is limited, for twenty years. 2. To maintain and defend judicial proceedings. 3. To make and use a common seal, and alter the same at pleasure. 4. To hold, purchase, mortgage or otherwise convey such real and personal estate as the purposes of the corporation shall require; and also to take, hold and convey such other property, real, personal or mixed, as shall be requisite for such corporation to acquire, in order to obtain or secure the payment of the indebtedness or liability due to or belonging to the corporation. 5. To appoint and remove such subordinate officers and agents as the business of the corporation shall require, and to allow them a suitable compensation. 6. To make by-laws, not inconsistent with existing laws, for the management of its property, the regulation of its affairs, and for the transfer of its stock. 7. To enter into any obligation or contract essential to the transaction of its ordinary affairs. 8. To increase or diminish by a vote of its stockholders, cast as its by-laws may direct, the number of its directors or trustees, to be not less than three nor more than twenty-four, and in like manner to change its corporate name, without in any wise affecting its rights, privileges or liabilities.

Hydraulic or irrigating corporations may sell or lease any portion of their power, and may convey water in pipes, canals, etc., or other power by shafting, etc., and may borrow money or issue bonds on franchises and property.

The general office must be kept within, and at least three directors must be citizens and residents of the State. The treasurer must keep his office and funds in the State.

IV. REPORTS:

The president and secretary must make an annual report, on oath, to be deposited with the Secretary of State on January 1st of each year, showing the condition of the corporation on December 1st preceding, as to: 1. The amount of the capital stock of the company. 2. The property or assets held by the company. 3. The liabilities of such company. 4. The receipts of the company during the preceding year. 5. The expenditures during the preceding year.

Every corporation for profit, created under any law in this State, failing to make and deposit such statement shall be subject to a penalty of two hundred dollars, and an additional two hundred dollars for every month that such company shall continue thereafter to transact business.

V. LIABILITIES:

Directors knowingly declaring and paying any dividend, when the corporation is insolvent, or rendering the corporation insolvent, are jointly and severally liable for debts then existing or afterward contracted, to the amount of the dividend.

The liability of stockholders for the debts of the corporation is limited to the amount due on stock, and a sum in addition equal to the par value of the amount of stock owned.

MINING,

I. INSPECTION OF MINES:

A State mine inspector appointed by the Governor has general supervision of all mines, safety appliances, ventilation, reports, etc., and may order operator of a mine to suspend the working of the same if regulations are not complied with upon ten days' notice.

Owners, operators of coal mines, must keep ready for inspection a correct plan of all workings.

II. MEASURES OF SAFETY:

There must be two distinct means of ingress and egress specified as escapement shafts, connected with each level worked, and each at least one hundred feet from the main shaft, through natural strata. The escapement shafts must be constructed as the main shaft is opened; and failure to provide such is punished by fine and imprisonment. In any shaft or slope, employes are not allowed to work at a greater depth than one hundred feet, unless in connection with at least two openings separated by natural strata not less than eighty feet thick.

Speaking tubes must be provided from top to bottom of all shafts and slopes; and cord and bell signals, improved safety catch, drum horns, bridle chains, and all other precautionary measures must be used with the cage.

In veins three feet thick or over, one hundred cubic feet of air per person per minute must be furnished in the workings; with a proportionate amount for thinner strata. The workings must be kept free of gas; and examined and marked each morning before work begins.

All roofs must be securely propped and timbered; and all traveling ways provided with signals, and with manholes every thirty feet.

Miners must not take more than five pounds of powder into the mine at one time, which must all be used before more is taken. Shot-firers must discharge all blasts where explosives are used, and that only once a day, when all others are out of the mine. To fire blasts until coal is "mined" two feet, or full depth of drill; to fail to furnish shot-firers and to take down more than five pounds of powder, constitute misdemeanors, and are punishable accordingly.

Boilers used about mines must have all safety appliances, and be officially inspected every six months.

Minors under twelve years of age can not be employed in any mine, nor between twelve and sixteen unless they can read and write, and have attended school three months in the same year.

III. INJURY:

Injury to persons or property by violation of act renders the operator or owner of mine liable to person injured, or his heirs.

IV. WEIGHT OF COAL:

The law of 1893 provides: Coal shall not be passed from the mine over the screen or other device until the same shall have been weighed and credited to the employe at legal rates. The weighman must be sworn before a proper official to weigh the output correctly and give credit therefor. Violation of the law by weighman is punishable as a misdemeanor. The operator may employ a check weighman, who shall have like authority and be under like liability as the regular weighman. Any fraud in connection with the weighing of coal or report of weights, is made a misdemeanor. Any contract or agreement violative of the foregoing provisions is void. [The provisions of this statute have been declared unconstitutional and are now on appeal to the Supreme Court of the State.]

V. ENCROACHMENT:

In case of alleged encroachment upon the land of another by any owner or operator of a mine, the party charging files affidavit setting out the facts of such alleged encroachment, in the County Court, and gives bond for expense of survey, whereupon the court orders the county surveyor to make a survey and report, upon which an injunction may issue.

A city may contract for mining under streets, alleys and public grounds.

VI. RECENT PROVISIONS:

The law of 1895 provides: That mining may not be done in an advanced space of forty feet unless break-throughs are made, same to be irrespective of thickness or distance of pillars. A break-through shall be six feet wide and the full height of coal strata. On room and pillar system, all courses must have an area of at least thirty-six feet. Compensation for making break-throughs is to be regulated by contract.

The operator of any mine shall maintain ventilation of not less than one hundred feet of cubic air per man per minute, and is required to increase the volume if necessary in presence of noxious gases. Mines must be examined in all working parts by an expert before the miners enter their working places, and at all working places significant marks must be left.

Requirements as to props and support of unsafe strata are very rigid. Standing water must not be allowed to remain in air courses, entries, traveling ways or rooms. In case of a fall of rock or coal, the same must be removed immediately and the roof and sides made secure. Careful examination of underground workings must be made twice a week, and report forwarded to office of the State Mine Inspector once a month.

In case of coal dust or other inflammable accumulation, the mine must be sprinkled once a day or oftener if necessary. Only lard or cottonseed oil for lighting purposes is allowed except when repairing downcast or upcast shafts.

Escapement shafts with securely fastened stairways are required. The top superintendent and engineer, at signal from the bottom of the shaft, are required to provide the cage whenever six employes are ready to ascend or descend, but not during their working hours.

Printed copies of the regulations must be conspicuously posted at the top of the mine. Violation of this act is a misdemeanor punishable with fine of from one to three hundred dollars, or by imprisonment for from thirty to ninety days, or by both.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF KENTUCKY.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by JOHNSON & WICKLIFFE, Attorneys-at-Law, Greenville, Kentucky.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

If made in this State, may be certified by the clerk of the County Court or his deputy, or any notary public, under seal.

II. ACTIONS.

Are begun by filing a petition and taking out summons. A non-resident defendant may be constructively summoned by a warning order. Personal judgment is not taken upon constructive summons.

III. ADMINISTRATION:

The County Court has jurisdiction to probate wills, appoint executors and administrators. They must execute a bond and take a prescribed oath. The husband or wife, or next of kin, have precedence. A public administrator for the county is appointed, and after the second County Court after the death, if no relative applies for administration, the court may refer the estate to the public administrator, or if there be no public administrator, then to the sheriff; or may appoint a creditor. A non-resident personal representative may sue in his representative capacity by giving bonds and obtaining authority from the County Court. Funeral expenses and debts due from decedent in a fiducial capacity are preferred. No original administration can be granted after twenty years; and suit is not to be brought against the personal representative of decedent until after six months from appointment.

IV. AFFIDAVITS:

May be made before any judicial or clerical officer, examiner, commissioner, or notary.

V. ALIENS:

The subjects of friendly powers may take and hold personalty, except chattels real. An alien, if he resides in this State, may take and hold land for the occupancy of himself or his servants or for purposes of business, trade or manufacture, for twenty-one years. If real estate pass by descent or devise to a non-resident alien he may hold it for sale for eight years after the final settlement of the estate of the person from whom it was acquired. If the alien die within eight years such real estate will descend to his kin if he were a citizen.

VI. ASSIGNMENTS:

Voluntary assignment for the benefit of creditors may be made to a trustee who must accept in writing the trust, and give bond before a county judge. An assignee may sell personal property, but can sell realty only as ordered by court. The assignor is not released by this act. Any sale, gift, judgment suffered, or other act done for the purpose of giving preference to one or more creditors and in contemplation of insolvency has the effect of transferring all the property of the debtor for the benefit of all his creditors; but to thus operate, the sale, or other act, must be attached by some creditor, by a suit in equity, within six months after the preference.

VII. ATTACHMENTS:

An order of attachment may be issued at the time of commencing the action, or at any time thereafter, upon the plaintiff or his agent or attorney filing an affidavit showing a ground of general attachment against a defendant, in any one or more of the following causes, to-wit: that defendant: 1. Is a foreign corporation or a non-resident of the State. 2. Has been absent therefrom four months. 3. Has departed therefrom with the intent to defraud his creditors. 4. Has left the county of his residence to avoid the service of summons. 5. So conceals himself that a summons can not be served upon him. 6. Is about to remove, or has removed, his property, or a material part thereof, out of this State, not leaving enough therein to satisfy the plaintiff's claim, or the claims of said defendant's creditors. 7. Has sold, conveyed, or otherwise disposed of his property, or suffered or permitted it to be sold, with the fraudulent intent to cheat, hinder or delay his creditors. 8. Is about to sell or otherwise dispose of his property with such intent.

Against a non-resident corporation, or non-resident defendant attachment cannot issue, except upon a claim arising out of a contract, express or implied.

Attachments may issue also: 1. In an action for the recovery of money due upon a contract, judgment or award, if the defendant have no property in this State subject to execution, or not enough thereof to satisfy the plaintiff's demand, and the collection of the demand will be endangered by delay in obtaining judgment or a return of no property found.

VIII. CLAIMS AGAINST ESTATES:

Claims against estates must be proved by the claimant, or, if absent from this State, by his agent or attorney, and demand made by his personal representative. The same proof is to be made in assigned estates.

IX. COURTS:

The Appellate Court has jurisdiction of appeal when title to land is involved; any constitutional question; any action when the matter in controversy is more than one hundred dollars; orders of probate of will from Circuit Courts; bastardy proceedings; habeas corpus, and felonies, and misdemeanors, if such are under a fine of over one hundred dollars or imprisonment.

Circuit Courts have general jurisdiction of matters of indictment, real estate, and of appeals from the inferior courts.

Quarterly Courts have jurisdiction of matters of contract and personal property to the value of two hundred dollars, and to try misdemeanors where the offense is not prosecuted upon indictment.

Justices' Courts have jurisdiction in civil actions when personal property or contract is involved to the sum of one hundred dollars.

X. FEES:

Acknowledgment before notary public	$ .50
If under seal, additional	1.00
Acknowledgment before clerk of court; same as notary.	
Attachment	.50
Appeal: State tax	.50
Appeal bond	.75
Commencement of suit in Justice Court—	
Commencement of suit in court of record: State tax.	.50
Incorporation: Recording, per 100 words	.10
Mandamus: State tax	.50
Bond	.75
Probate: Clerk's fees	1.75
Protest	2.50
Record: Per 100 words	.10
Sheriff: Collections, up to $300, 6 per cent; over $300, 3 per cent.	
Transcription: Per 100 words	.10
Witness: Per day	1.50

XI. DEEDS:

Deeds to be valid as to creditors and purchasers for value without notice must be acknowledged or proven and lodged for record.

XII. DEPOSITIONS:

Are used in equity trials, and upon special circumstances in common law and criminal law cases. They may be certified by a clerk of a court, judge, justice of the peace, examiner, commissioner or notary.

XIII. DESCENT:

Real estate descends: 1. To children. 2. If none, to father and mother equally; or if only one parent, to that one. 3. To brothers and sisters and their descendants. 4. Or to the ancestral line, one-half to each branch.

Personalty, as above, except that the wife or husband surviving takes one-half the surplus personalty left by the decedent.

XIV. EMINENT DOMAIN:

The commonwealth, in the exercise of the right of eminent domain, shall have and retain the same powers to take the property and franchises of incorporated companies for public use which it has and retains to take the property of individuals; and the exercise of public powers of this commonwealth shall never be abridged, nor so construed as to permit corporations to conduct their business in such manner as to infringe upon the equal rights of individuals.

All land titles in this State are declared to be allodial, and (subject to escheat) the entire and absolute property in the same is vested in the owners, according to the nature of their respective estates; except that the right of eminent domain in all real estate resides and remains in the commonwealth.

Private property cannot be taken for public use until compensation is first made; and the owner cannot be deprived of his title to it except by the judgment of a jury if he demands one.

XV. EXECUTIONS:

Issue within ten days after judgment and bind property after they are put in the hands of the officer who may levy them. Executions from inferior courts cannot be levied upon land.

XVI. EXEMPTIONS:

There is by law exempt from execution a homestead of one thousand dollars in value; two work beasts and farm tools, beds, bedding and furniture sufficient for family use; all books not exceeding fifty dollars in value; two saddles, two bridles and appendages; all poultry on hand; ten sheep, not to exceed twenty-five dollars in value; all wearing apparel; sufficient provisions to sustain the family for one year, or other money or property in lieu thereof not to exceed forty dollars for each member of the family; provisions to sustain live stock one year, or other property or money not to exceed seventy dollars; family portraits and pictures, and cooking stove and utensils not to exceed five dollars in value. Mechanics and professional men may claim tools or professional library, but if they do, then only one work beast can be claimed.

The homestead cannot be bound by mortgage without the wife's consent in writing.

XVII. INTEREST AND USURY:

No greater rate than six per cent can be collected. Usury, if paid, may be recovered by suit within twelve months thereafter.

XVIII. JUDGMENTS:

Bear interest at six per cent and are not a lien upon defendant's estate until execution is issued and placed in officer's hands.

XIX. LIENS:

Lien rests on all property for State, county and city taxes. Mechanics and material men have a lien upon the building and lot for the bill of their respective accounts, but must file their accounts, verified with the clerk of the County Court, within sixty days after last item of labor is done or material furnished. Laborers for railroads and manufacturers have a lien for labor upon the property and products of said railroad or manufacturers.

Material-men are given a lien, dating from the commencement of the work, upon the improvement, and the interest of the employer in the land, for all materials furnished for the erection, improvement or repair of any building or structure or any fixture thereto. Sub-contractors acquire a lien upon the amount due the contractor by giving the employer written notice of their claim, and that they look to the land and improvements for their compensation. The claim for the lien must be filed in the county clerk's office within sixty days after the material is furnished, and it must state the name of the person to whom the material was furnished, the

amount due, a description of the property on which a lien is claimed, and a bill of the items furnished, with prices. The lien is enforced by suit in equity commenced by anyone claiming a lien within twelve months from the completion of the work. If one lien claimant commence such suit, all others may file and prove up their liens without formal pleadings.

There is no statute giving to laborers in mines a lien for their wages.

XX. MILL-DAMS:

Any person owning land on a water-course, desiring to erect a grist mill or other mill useful to the public, and needing a dam in or across the water-course, may, by petition in writing filed in the County Court of the county in which the larger portion of the land is situated, obtain therefrom a writ for the purpose of making the necessary condemnation, which shall embrace all the land demanded, whether lying in the same or other counties. Ten days' notice must be given to every person whose rights would be affected by the condemnation. The writ shall be directed to the sheriff of the county, who will at once impanel a jury of twelve men, who shall decide as to the height of the dam and the amount of land condemned which is not owned by the applicant and which is covered by the bed of the stream. When the applicant shall have paid to the several parties the amount of the damages as ascertained by the court, he shall have a writ of possession and otherwise proceed according to such leave.

XXI. MORTGAGES:

Real property mortgages must be executed as are deeds and so recorded to avail against creditors or purchasers without notice. The rule governing personalty is substantially the same.

XXII. NOTES AND BILLS:

The common law rule governs in Kentucky. Suit must be brought to the first court and the maker of the note prosecuted to insolvency, otherwise the assignor is released. When note is discounted in a bank the common law rules, as to demand, protest, notice, etc., are in force. If an assignee sues on a note in time and fails to recover the debt he can recover of the assignor the amount paid for the note.

XXIII. SUITS:

Must be in the name of the real party in interest, if by a person free from disability. The suit is begun by filing a petition in law or in equity and taking out a summons.

Actions are local when prosecuted for the recovery of real estate; an interest in or damage to same; for partition of land; sale of real estate; recovery of fine, penalty or forfeiture imposed by statute against a public officer, or bmitted by him; upon bond of public officers; proceedings to establish will; to settle accounts of personal representative; distribution of estate; on guardian's bond. Other actions may be entered in the county where the defendant or some one or other of them is summoned.

XXIV. TAXES:

The State, counties and cities have a lien upon all the property, real and personal, owned or assessed to the individual for taxes, and this cannot be defeated by sale, gift, devise or any means. Lands sold for taxes may be redeemed within two years, after the sale is made, by the payment of taxes, costs, and interest on the amount at thirty per cent per annum, and fifteen per cent damages.

XXV. WAGES:

It is provided by section 244 of the constitution of Kentucky, adopted September 28, 1891, as follows: "All wage-earners in this State employed in factories, mines, workshops or by corporations shall be paid for their labor in lawful money. The general assembly shall prescribe adequate penalties for violating this section." By an act passed subsequently by the general assembly a penalty of five hundred dollars is imposed for any violation of the above section.

XXVI. WILLS:

May be made by married women. Wills must be attested by two witnesses, unless wholly written by testator; otherwise probate cannot be had.

CORPORATIONS.

I. ORGANIZATION:

Corporations are formed by filing in the county clerk's office articles of incorporation signed and acknowledged by two or more corporators as deeds are required to be. Such articles confer upon the corporation the usual corporate powers, including that of exempting the private property of the stockholders from corporate debts.

Within three months from the filing of the articles the corporation must publish for four consecutive weeks, in some newspaper as convenient as practicable to the principal place of business, a notice specifying: 1. The names of the corporators, the name of the corporation and its principal place of transacting business. 2. The general nature of the business purposed to be transacted. 3. The amount of capital stock authorized, and the times when and the conditions upon which it is to be paid. 4. The time of the commencement and termination of the corporation. 5. By what officers or persons the affairs of the corporation are to be conducted, and the times at which they are to be elected. 6. The highest amount of indebtedness or liability to which the corporation is at any time to subject itself. 7. Whether private property is to be exempt from the corporate debts.

MINING.

I. INSPECTION OF MINES:

An inspector of coal mines is appointed by the Governor with the advice and consent of the senate. He receives a salary from the State of one thousand eight hundred dollars per annum and his traveling expenses, and his duty is to visit each coal mine in actual operation as often as may be necessary and examine its condition with respect to ventilation, drainage, timbering, ingress and egress and general security, and if he finds the same defective in any respect to notify the superintendent or owner thereof and require him to remedy the defect. For a failure to comply with the inspector's requirements within twenty days from receipt of said notice a fine of fifty dollars per day is provided.

The inspector is required to keep an office in the statehouse at Frankfort and to keep a record of all his inspections. He is also required to furnish upon application a certified copy of his report of inspection to the commonwealth's attorney of the district in which the mine inspected is situated, which copy is made prima facie evidence in any court of the State.

The inspector is required to make a report to the Governor annually on or before the 10th day of October, showing the number of persons employed, amount of coal mined, the number of accidents occurring, together with such other information concerning the condition and operation of the mine as he may deem useful, making such suggestions as to further legislation as he may deem proper. To enable him to make such reports, owners and operators of mines are required to give information on blanks to be furnished by the inspector, under a penalty of fifty dollars fine.

The owner or superintendent of each mine is required to furnish the inspector an accurate map of the mine on a scale of not less than one hundred feet to the inch, showing the area mined or excavated and the location and connection of such excavation with the lines of all adjoining lands, and with the names of the owners of such lands marked on each tract. Every six months after the map is furnished he shall file with the inspector a statement and plan of the progress of the workings of the mine up to date, so prepared as to enable the inspector to mark the same on the original map. In the event of failure to furnish maps the inspector may cause them to be made at the owner's expense, and the owner is subject to a fine of five dollars per day for each day's delinquency.

II. MEASURES OF SAFETY:

Mines wherein over fifteen thousand square yards have been excavated shall not be worked unless there are to every seam of coal worked at least two separate outlets separated by natural strata of not less than one hundred feet in breadth, by which outlets distinct means of ingress and egress are always available to persons employed in such mine. All other mines, whether slopes or drifts, shall have two such openings after fifteen thousand square yards have been excavated. If such outlets have not been provided not more than ten persons shall work in the mines at once. In case a mine has but one shaft, slope or drift, and the owner does not own ground suitable for another, he is given power to condemn sufficient land for that purpose.

At every mine operated by a shaft there shall be a safety catch and an overhead cover on all cages used for carrying persons, and at the top of every shaft a safety gate shall be provided. An adequate brake shall also be attached to every draw or machine used for raising or lowering persons.

The owner, agent or lessee of every coal mine, whether slope, shaft or drift, is required to provide and maintain for every mine an amount of ventilation not less than one hundred cubic feet per minute per person employed, which shall be circulated to the face of each working place in the mine in such manner as to dilute, render harmless and expel poisonous and noxious gases from each and every working place in the mine, and no working place shall be driven more than six feet in advance of a break-through or air-way, and all break-throughs or

air-ways except those made near the working face of the mine shall be closed and made air-tight by brattice, trap doors or otherwise. All mines are required to be provided with artificial means of producing ventilation, such as suction or forcing fans, exhaust steam furnaces or other contrivances for that purpose. All mines generating fire-damp shall be kept free from standing gas, and every working place shall be carefully examined every morning with a safety lamp by a competent person before any of the workmen are allowed to enter the mine.

III. WEIGHT OF COAL:

A majority of the miners in any coal mine employing as many as twenty men may, at their own expense and with the approval of the judge of the County Court, appoint a person to inspect the scales and see that the coal mined is properly weighed and accounted for. Such person shall at all times have free access to the scales and shall not be in any wise hindered in the performance of his duty under penalty of a fine of not less than ten dollars nor more than fifty dollars.

IV. RIGHT OF WAY:

Any person owning any large coal bank or mine of iron ore or stone quarry within three miles of any navigable stream or railroad in this State has the right to condemn a right of way to the most convenient point on such stream or railroad, and upon such right of way the court may, if it deem the object of sufficient public importance, allow a railroad to be constructed and operated.

V. MISDEMEANORS:

Any person selling unscreened coal for screened coal shall be subject to a fine of not less than five dollars nor more than twenty dollars. Any person employed in a mine who intentionally and willfully neglects or refuses to securely prop the roof of any working place under his control, or neglects or refuses to obey any order given by the superintendent of the mine in relation to the security of that part of the bank where he is at work, and whoever willfully does any act endangering the lives or health of persons employed in a mine or the security of the mine or machinery, shall be fined from ten dollars to fifty dollars.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF LOUISIANA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by MERRICK & MERRICK, of the New Orleans Bar.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Deeds, etc., can be acknowledged before a commissioner of deeds for the State and two witnesses, whose certificate, under seal, will answer all purposes, but a simple writing signed by the parties is valid as a contract between themselves, and on proof of signature is entitled to be recorded. Acknowledgments before notaries and other officials must be authenticated according to section 905 of the revised statutes of United States.

II ALIENS:

Aliens have the same rights before the law as citizens.

III. ASSIGNMENTS:

Debtor cannot assign his property by private act, but must turn it over to his creditors through the courts. He cannot free himself from his debts except with the consent of the majority of the creditors in number and amount.

IV. ATTACHMENT:

Writs of attachment may issue when the defendant resides out of the State, or has permanently left, or is about to permanently leave the State; when he conceals himself to avoid service; when he has mortgaged or disposed of his property to defraud his creditors or given an unfair preference; when he has converted or is about to convert his property into money or evidences of debt with the intent to place it beyond the reach of his creditors; and when he is about to remove his property out of the State before the debt becomes due. The writ issues on affidavit of plaintiff, or his agent, and plaintiff giving bond in favor of the clerk of the court for a sum equal to that demanded, with one good and solvent surety.

V. CLAIMS AGAINST ESTATES:

In granting letters of administration preference is given to beneficiary heirs, and if there be two or more, choice is left to the discretion of the court, according to the merit of applicant. A creditor of the estate may be appointed in certain cases where it may be to the best interest of the estate. The bond required is one-fourth over and above the value of the estate. The administrator is not required to give any special notice to creditors in reference to proving their claims.

Debts are paid: 1. Funeral charges. 2. Law charges. 3. Expenses of last illness. 4. Wages of servants for the past year. 5. Salaries of secretaries, clerks and agents. 6. Wife's dotal right. ("VII. Married Women," "XV. Liens," and "XX. Privileges for Further Rank of Privileged Indebtedness.") No allowance is made to widows. ("VII. Married Women.") If in necessitous circumstances, she or minor gets one thousand dollars, to be paid in preference to all other debts except privileges of vendor and expense of selling property.

Administrators are not compelled to make an accounting at any particular time, but they must do so as soon as practicable.

Suits may be brought for any unpaid claims which the curator, administrator, or executor refuses to acknowledge, or the creditor may wait and oppose any account filed in the succession proceedings upon which he is not placed. But the creditor obtaining a judgment, or the acknowledgment of his debt, can only obtain the payment of it concurrently with the other creditors of the succession, unless it be such a privileged claim as ought to be paid without delay. It is the duty of the judge, upon the application of the creditors, or any one of them, to cause so much of the property as is necessary to pay their claims to be offered for sale for cash, provided it bring the appraised value; and if it does not, it shall after fifteen days' further advertisement be sold on twelve months' credit for what it will bring, the purchaser at this sale being required to give twelve months' bond.

Foreign administrators and executors may administer here, provided they are recognized and confirmed, upon producing evidence of their appointment, and in certain cases giving bond.

VI. COURTS:

The Supreme Court has appellate jurisdiction which extends to all cases in which the sum in dispute shall exceed two thousand dollars, exclusive of interest; to suits for divorce and separation from bed and board; suits for nullity of marriage; suits involving the rights of homestead; suits for interdiction to criminal cases on questions of law alone, wherever the punishment of death or imprisonment at hard labor may be inflicted or a fine exceeding three hundred dollars is actually imposed, and to all cases in which the constitutionality or legality of any tax, toll or import whatever, or of any fine, forfeiture or penalty imposed by a municipal corporation shall be in contestation, whatever the amount thereof; and in such cases the appeal on the law and the facts shall be directly from the court in which the case originated to the Supreme Court.

Courts of Appeals have appellate jurisdiction only. Their jurisdiction extends to all cases, civil or probate, when matter in dispute exceeds one hundred dollars and does not exceed two thousand dollars, exclusive of interest. In the parish of Orleans appeals are upon ques-

tions of law alone in all cases involving less than five hundred dollars exclusive of interest.

Civil District Courts for the parish of Orleans have exclusive and general probate, and exclusive civil jurisdiction in all cases where the amount in dispute exceeds one hundred dollars, exclusive of interest, and exclusive appellate jurisdiction from the city courts of the parish of Orleans, when the amount in dispute exceeds twenty-five dollars, exclusive of interest. In the country parishes the District Courts have original jurisdiction in all civil matters where the amount in dispute shall exceed fifty dollars, and appellate jurisdiction from the justices of the peace, when the amount in dispute shall exceed ten dollars.

Justices' jurisdiction is exclusive up to fifty dollars, and concurrent with the District Court from fifty dollars to one hundred dollars. In the parish of Orleans the city courts have exclusive original jurisdiction of claims under one hundred dollars. Suits for over twenty-five dollars are appealable to the Civil District Court.

VII. FEES:

Acknowledgment before notary public or justice of the peace (none before clerk of court)	$ 1.00
Attachment: Where claim is over $100, about	20.00
Attachment: Where claim is under $100, about	10.00
Appeal: Under $200	15.00
Appeal: Over $200, under $2,000	25.00
Appeal: Over $2,000, according to transcript, from about $75 to	100.00
Commencement of suit in Justice Court from $1.50 to.	5.50
Commencement of suit in court of record from $8 to..	12.00
Incorporation, about	40.00
Mandamus: Contingent.	
Probate, alone, about	10.00
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Protest	3.50
Record: Of conveyance	1.00
Record: Of mortgage	1.50
Sheriff: Contingent on services rendered.	
Transcription, per 100 words	.35
Witness: In Civil District Court, per day	.70
Witness: In City Court, per day	.25

VIII. DEEDS:

All deeds affecting real estate must be recorded to affect third persons.

IX. DEPOSITIONS:

Where judgment is taken by default an ex parte affidavit will suffice, provided the capacity of the officer taking the same is shown. Depositions are taken by commission under written interrogatories.

X. DESCENT:

The father and mother, and children, or ascendants and descendants, are forced heirs for certain portions of decedent's estate. The father and mother living are forced heirs for one-third. If decedent has only one child, that child is a forced heir for one-third of the estate and decedent can only dispose of the remaining two-thirds. If decedent leave two children, he can only dispose of one-half of his estate by will or donation. If decedent leave three children or more they are forced heirs of two-thirds of his estate and he can only dispose of the remaining one-third.

XI. EXECUTION:

The plaintiff wishing to execute his judgment, must apply to the clerk of the court rendering it, who issues a writ of fieri facias to the sheriff, or constable, ordering a seizure and sale of the property of the defendant sufficient to satisfy the judgment and costs. When seized, the sheriff or constable must advertise it, if personal property, ten, and if real estate, thirty days before selling. The property must be valued by two appraisers, one chosen by each party, and being first offered for cash, must bring two-thirds of the appraisement, or it cannot then be sold. If no bid is made to that amount, the property is readvertised for fifteen days longer, to be sold on a credit of twelve months for whatever it will bring. At this sale the purchaser is required to give what is called a twelve-months' bond, with sufficient security, bearing the same rate of interest as the original debt; and if real estate is sold, by being properly recorded it operates as a special mortgage and vendor's privilege upon the property sold. If it is not paid at maturity the plaintiff may take out execution, without any previous demand, against both the principal and surety, and seize the property of either, and, after advertisement as prescribed, sell it for cash for whatever it will bring.

XII. EXEMPTIONS:

To head of family, homestead bona fide, if owned and occupied as residence, together with certain furniture, stock, implements, provisions, etc., the property not to exceed in value two thousand dollars. No exemption is allowed if wife has separate property worth over two thousand dollars, and there must be a sworn and recorded declaration of homestead. These exemptions cannot be set up against the vendor or for labor or materials furnished or liabilities incurred as a fiduciary or attorney at law.

Act 79, 1876, Louisiana legislature, exempts from seizure the following effects: "The linen and clothes belonging to the debtor or his wife; his bed, bedding or bedstead, and those of his family; his arms and military accoutrements; the tools and instruments, and books, and sewing machine necessary for the exercise of his or her calling, trade or profession, by which he or she makes a living; nor shall the sheriff or constable in any case seize the rights of personal servitude, of use and habitation, of usufruct to the estate of a minor child, nor the income of dotal property, nor money due for the salary of an officer, nor laborers' wages, nor the cooking stoves and utensils of said stoves, nor the plates, dishes, knives, forks and spoons, nor the dining table nor dining chairs, nor wash tubs, nor smoothing irons, and ironing furnaces, nor family portraits belonging to the debtor, nor the musical instruments played or practiced on by any member of the family.

XIII. INTEREST AND USURY:

The legal interest in this State is five per cent. Conventional interest cannot exceed eight per cent. It is allowable, however, to include any amount of interest in the principal, so that it will not appear that an interest above eight per cent has been stipulated. Interest runs from the maturity of every obligation. If conventional interest has been stipulated up to maturity of the obligation, it continues to run until payment. Usury forfeits the interest.

XIV. JUDGMENTS:

Judgments constitute a judicial mortgage from the date of their record in the office of the recorder of mortgages, and become a mortgage on the real property of the debtor. Foreign judgments must be sued upon and judgment recovered thereon in order to be executory here. The usual law as found in the general "conflict of laws" is the law applicable here. The transcript of the record of the foreign judgment must be duly certified according to the law as found in the United States statutes on that subject. Judgments are proscribed in ten years; as also is the judicial mortgage which arises from the record of the judgment. Judgments can be revived by suit in the usual form before the lapse of ten years.

XV. LIENS:

Employes have a lien on all manufactured materials for thirty days after the maturity of the debt due them for wages; but this lien does not affect such materials in the hands of good-faith purchasers.

Those persons who supply the owner or other person employed by him, his agent or sub-contractor with materials, which are intended for and are used in the erection or repair of any edifice or other work, have a lien or privilege on the building or work erected, and not exceeding one acre of land on which building or edifice is erected. If the improvement be made at the instance of the tenant, the privilege attaches only to the leasehold. To perfect the lien the seller must record in the office of the recorder of mortgages of the parish where the property is situated the act containing the bargain made, or a detailed statement under oath of the amount due, or the acknowledgment by the debtor of the amount due. The lien is good as to third parties from the date of recording. There is no priority between lien-holders. The sub-contractor may deliver to the owner an attested account of the amount and value of the materials furnished, and the owner must retain such amounts from subsequent payments due contractor. On receipt of such an account, the owner must furnish a copy to the contractor. If the contractor does not notify the owner within ten days that he intends to dispute the claim, the owner may pay the sub-contractor and deduct from amount owing contractor. If the sub-contractor and contractor cannot agree as to the amount the dispute may be adjusted by three arbitrators. The lien continues for five years from date of recording. It is enforced by a suit in court.

XVI. LIMITATIONS:

Actions on all accounts must be brought within three years from the time the articles were furnished; on promissory notes and bills of exchange, within five years from maturity. The proscription on accounts only ceases from the time there has been an account acknowledged in writing, a note or bond given or an action commenced. Foreign and domestic judgments are proscribed ten years from date of rendition, and mortgages within ten years from their inscription. The possessor of title acquires complete ownership. The possessor in bad faith acquires ownership in thirty years.

XVII. MARRIED WOMEN:

Are one-half owners of all property made during marriage unless otherwise stipulated before marriage. The parties, before marriage, can, by marriage contract, stipulate that no community shall exist, and they can regulate in this way also the amount of property that has been acquired and is owned by either spouse previous

to the marriage, and the disposition of that property after marriage. Donations between husband and wife during marriage are always revocable.

The separate property of the wife is not responsible for community debts. In settlement of the community, the creditors must be paid in preference to either spouse. The wife is secured in her claims for dotal and paraphernal property by a legal mortgage on the property of her husband, which must be recorded in order to have effect. The husband is master of the community, and can sell or mortgage its real property without the consent or assistance of the wife, and can dispose of the movable property in any way he desires.

A married woman carrying on business, as a public merchant, can obligate herself in any manner relating to her trade; the husband is bound also, if there exists a community of property between them. A married woman can sell her separate property by the consent of her husband, and in default of his consent, by that of the court. She cannot bind herself in any way with or for her husband; she cannot mortgage her property, except by special consent of the court, after being privately examined by the judge as to the destination of the funds to be raised by mortgage. A married woman, except a public merchant, cannot make any contract or bind herself in any way without the consent or assistance of her husband or of the court.

XVIII. MORTGAGES:

Chattel mortgages are unknown to the laws of this State. All movables, whether corporeal or incorporeal, may be pledged or pawned. Mortgage in Louisiana is essentially different from common law mortgage. It is a right given by the owner to a third person to pay himself a debt by selling the property to pay himself out of the proceeds.

XIX. NOTES AND BILLS:

The law merchant applies generally. All commercial paper is due on the last day of grace. If the last day should be a dies non, the paper is payable the following day not a dies non, i. e., Sundays and legal holidays; and in computing the delay for giving notice of non-acceptance, non-payment, etc., days of public rest or legal holidays are not counted. Days of grace are not allowed on bills, notes, drafts, etc., payable at sight.

XX. PRIVILEGES:

Liens and privileges are granted by law from the nature of the contract. The vendor's privilege exists in favor of the vendor of all property, real and personal, but only in sales made in Louisiana, or sales perfected in that State. It would be well for non-residents having business connections and trade in Louisiana to make their sales there, or perfect them through an agent. The vendor's privilege ranks every privilege except the lessor's privilege.

XXI. SUITS:

Are instituted by petition. In the United States courts the common law distinctions are in force. Where a case falls on the common law side of the court the same procedure is followed as in the State courts.

XXII. TAXES:

The State and parishes have no right to sue for unpaid taxes, but have the right to sell to the highest bidder.

XXIII. WILLS:

May be made by the testator without witnesses, provided the entire will is written, dated and signed by the testator. There are other forms of will, but the subject is too complicated to be given here.

CORPORATIONS.

I. SCIENTIFIC AND RELIGIOUS CORPORATIONS:

Any number of persons, exceeding six, may organize themselves for literary, scientific, religious or charitable purposes. The act may be by public or private act, and it shall state the objects, name, style and title thereof, place of domicile, manner of choosing its officers, name of officer on whom citation may be served and length of time for which it is incorporated. The act must be approved by the district attorney and recorded.

II. BANKING CORPORATIONS:

By the free banking act passed in the year 1855, and governing the formation of banking corporations, the capital stock of such is to be not less than one hundred thousand dollars; number of persons to be more than five; time not to exceed twenty years; powers, such as are customary for banks; right to hold real estate limited to five years. Articles of incorporation to contain same provisions as above set forth. All stock subscribed must be paid up in full within twelve months. No loans shall be made to any stockholder on pledge of its own stock. Monthly publication of statements shall be made by banks not operating under free banking act; as to others, quarterly statements only required. (Act of 1882.)

Savings, safe deposit and trust banks are authorized by Act No. 150, of year 1888, and also, by amendment, may act as trustees.

III. LIMITED CORPORATIONS:

For the purpose of carrying on mercantile business, and all other legal business not heretofore enumerated, except banking, to be composed of not less than three persons, are authorized to be established by Act No. 36, 1888, of the State legislature. The form of corporation act is to be the same as that hereunder set forth.

Corporations for mining, mechanical or manufacturing business, except that of distilling or manufacturing intoxicating liquors, may be formed by any number of persons, not less than three, on complying with the laws of the State governing corporations in general.

Corporations may be formed for works of public improvement and homestead and building companies and for other purposes, except mercantile or commission business, brokerage, stock jobbing, exchange or banking business. Any number of persons, not less than six, may form themselves into a corporate body for the above purposes.

IV. ORGANIZATION:

Every charter shall contain: 1. The name and title of the corporation and the place chosen for its domicile. 2. A description of the purposes for which it was organized, the nature of the business to be carried on and the designation of the officer on whom citation may be served. 3. The amount of the capital stock, the number of shares, the amount of each share and the time when and the manner in which payment on stock subscribed shall be made. 4. The mode in which the election of directors or managers shall be conducted. 5. The mode of liquidation at the termination of the charter.

Publication of charter to be made once a week for thirty days at domicile; charter must be recorded in office of recorder of mortgages; charter amended or dissolved by a vote of three-fourths of the stockholders.

V. RIGHT OF WAY:

Telegraph and telephone companies shall have the right of way for their lines along any railroad line, along any parish line or public road or river of the State. Railroad, plank road or telegraph corporations may expropriate land for their uses, jury to fix value, appeal not to suspend execution.

VI. CAPITAL STOCK:

Watered, or stock issued as full paid, but not in fact paid up, is forbidden to be issued by the State constitution of 1879.

A graded license tax is levied, according to the amount of business. Stock of all corporations assessed for taxation without deducting value of United States bonds and other exempt securities.

VII. LICENSE TAX:

A State license is required of all insurance corporations doing business in the State, whether foreign or local. The license is graded upon the amount of premiums taken in, the highest being seventeen hundred and fifty dollars per annum and the lowest three hundred dollars per annum.

A license is required of other corporations doing business in the State through an agent, in proportion to the amount of business done. Foreign corporations doing business here are required to appoint an agent here, on whom citation can be served in case of suit.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF MAINE.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by GAGE & STROUT, Attorneys-at-Law, Portland, Maine.

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COMMERCIAL LAW.

I. ALIENS:

Aliens have same rights as citizens as to property; and may take, hold and devise real estate.

II. ASSIGNMENTS:

No statute regulates assignment for benefit of creditors. Insolvency prceedings vacate assignments for the benefit of creditors. (See "XIII. Insolvency.")

III. ATTACHMENTS:

Real and personal property generally may be attached on mesne process without oath or bond. Shares of stock in a corporation are attached by filing with the clerk, cashier or treasurer of the corporation an attested copy of the writ, with notice thereon of the attachment. Personal property subject to a mortgage may be attached, if the amount of incumbrance thereon is first tendered, or paid. The officer attaching mortgaged property is not liable to suit until forty-eight hours have elapsed after notice is given by the mortgagee thereof, stating the amount of the incumbrance. Attachments continue for thirty days after final judgment; and are dissolved by filing judgment for defendant, or by insolvency proceedings begun within four months, or before levy or sale. No attachment can be made until debt is due.

IV. CLAIMS AGAINST ESTATES:

The Probate Courts, in their respective counties, have power to grant probate of wills, and letters testamentary or of administration.

In intestate estates, administration is granted to the widow, husband, next of kin, husband of a daughter of the deceased, or to two or more of them, as the judge thinks fit. If these parties refuse or are unsuitable, the judge may appoint a suitable person. Administrators must give bond, but executors may be relieved therefrom by the will; and bondsmen must be residents of this State or certain approved surety companies; but it is not necessary that administrator or executor be a resident. An inventory must be returned within three months showing all the real and personal estate, appraised by three disinterested persons; and the administrator must account for personal property at the appraisal unless sold on license from court, or the loss is allowed by the court. Real estate descends according to law or the will, if there is one, and may be taken by the executor or administrator only when necessary to pay debts which exceed the amount of personal property. Legacies become due and payable at the end of a year.

If suit is brought on a claim against the estate within a year after notice of the appointment of administrator or executor is given it will be continued at the cost of the plaintiff. Suits must be brought within two years after notice of appointment is given. If the estate is insolvent, commissioners are appointed to whom claims must be presented in writing and under oath, within six months, unless time is enlarged by the court.

Actions pending when the estate is decreed insolvent may be discontinued without costs, or continued to judgment, and the amount of the judgment be added to the list of debts entitled to dividend.

Allowance may be made for the widow out of the personal estate, where there is no provision made for her will, or if made, is waived by her.

Debts against an insolvent estate are paid: 1. Expenses of funeral and administration. 2. The allowance made to the widow or widower and children. 3. Expenses of last sickness. 4. Debts entitled to a preference under the laws of the United States. 5. Public rates and taxes due the State. 6. All other debts.

V. COURTS:

The Supreme Court has cognizance of all offenses and all civil actions, excepting where the Superior Court has exclusive jurisdiction, or where the matter comes within the jurisdiction of the trial Justices', Municipal or Police Courts. It may issue writs of error, certiorari, mandamus, prohibition, quo warranto, and other writs and processes, essential to justice or the full execution of the laws; and has full equity jurisdiction.

In the Law Court, five or more of the eight justices composing the Supreme Court sit as the Law Court, for the decision of questions of law arising in suits at law and in equity, and in criminal trials.

Superior Courts, presided over by one justice each, are established in the counties of Cumberland and Kennebec. In Cumberland county the Superior Court has exclusive jurisdiction of civil appeals from Justice, Municipal and Police Courts; exclusive original jurisdiction of actions of scire facias on judgments and recognizances not exceeding five hundred dollars, and of all other civil actions at law not exclusively cognizable by Justice, Municipal and Police Courts, where the damages demanded do not exceed five hundred dollars, except complaints for flowage, real actions, and actions for trespass quare clausum, of which preceding two it has concurrent original jurisdiction. In Kennebec county the court has substantially the same jurisdiction as in Cumberland.

There is a Probate Court in each county held by a single judge on certain fixed days at appointed places, which has exclusive original jurisdiction of the probate of wills, letters testamentary or of administration, and in all matters relating to the settlement of estates. It has jurisdiction of adoption of children, changing names of individuals, and appointment of guardians for minors and others. Appeals may be had to the Supreme Court. The Probate Court also acts as a court of insolvency under the insolvent laws of the State.

A trial justice may hold court in his county subject to restrictions contained in the acts creating Municipal Courts. He has exclusive and original jurisdiction of all civil actions when the debt demanded does not exceed twenty dollars, except when title to real estate is involved; and also jurisdiction of forcible entry and detainer, unless title to real estate is involved.

VI. FEES:

Acknowledgment before notary public	$ .50
Acknowledgment before justice	.25
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Attachment: contingent.	
Appeal: contingent.	
Commencement of suit in Justice Court: entry	.30
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Protest	1.50
Record: deeds	.50
Redemption: contingent.	
Sheriff: 12 per cent; mileage, expenses, and service	.50
Transcription: per 100 words	.10
Witness: mileage 6 cents per mile each way, and per day	1.50

VII. DEEDS:

No estate can be created greater than a tenancy at will unless in writing. Person having title to real estate with right of entry, whether seized or not, may convey by deed. Tenant in tail who is seized of land may convey in fee simple. Deeds and contracts executed by an agent in the name of his principal or in his own name for his principal are in law deeds and contracts of the principal. Deed must have a seal.

One witness is usual for the purpose of supplying acknowledgment where grantor refuses to acknowledge, dies, or departs from the State. These cases are fully covered by statutory proceedings which must be had in the State. All deeds must be acknowledged before they can be recorded; and must be acknowledged by one of the grantors before a justice of the peace or notary public in this State; in any other state before any justice, notary or magistrate, and in a foreign country before the United States minister, consul, or a notary public. Commissioners to take acknowledgments of deeds are appointed to act in other jurisdictions. A conveyance of greater estate than the grantor has passes what he has.

VIII. DEPOSITIONS:

Depositions in pending causes may be taken out of the State on a commission issued from the court to some person specially appointed for that purpose. The interrogatories and cross interrogatories are annexed to the commission; and the answers of the deponent thereto, written or printed, and signed by deponent, are annexed to the commission and returned to the court of issuance. May also be taken on notice to the adverse party before a justice of the peace or notary public, allowing twenty-four hours for every twenty miles. Counsel may attend and examine the deponent on written or oral interrogatories, and objections to the form or relevancy of questions must be raised at that time; but final decision on objections noted is rendered by the judge at the trial of the cause at nisi prius.

If deponent is present at court, or the cause for taking the deposition is removed, the deposition cannot be used as a substitute for his testimony, though it may be used to contradict his testimony. Depositions in perpetuam may be taken in the State on notice, and the Supreme Court may issue commissions to take such depositions in any other state or country.

IX. DESCENT:

Real estate descends: 1. In equal shares to children and issue of deceased children, per stirpes. If no child living, to lineal descendants, per capita if all of the same degree; if not, per stirpes. 2. If no issue, to the father and mother equally. 3. If no issue or father, one-half to mother, and remainder in equal shares to brothers and sisters, and to children or grandchildren of deceased brother or sister, per stirpes. 4. If no issue, father, brother or sister, to the mother to the exclusion of issue of deceased brothers or sisters. 5. If none of the foregoing, to next of kin claiming through nearest ancestor. 6. Estate of minor, deceased unmarried, inherited from either parent, goes to the children of same parent, and issue per capita, if of same degree, otherwise per stirpes. 7. If no kindred, it goes to husband or wife; failing these it escheats to the State.

Degrees are computed by civil law. Half blood inherits same as whole.

Personal estate descends in the same way, aside from what is allowed to the widow by the law and the court, subject to the provision that if the intestate leaves a widow and issue, she takes one-third; if no issue, one-half; if no kindred, the whole; and the husband the same.

The Legislature of 1895 amended the law of descent and dower, to take effect May 1st, 1895, except as to such persons as were then married, and as to all such persons to take effect January 1st, 1897, as to real estate, thus: 1. When issue exists, the widow or widower receives one-third, and the issue shares remainder per capita. 2. When issue does not exist, the widow or widower receives one-half, if there be kin, and the whole if there be no kin. 3. If there be no issue the remainder descends to the father and mother equally and if only one parent be living, one-half to said parent and the balance per capita to the descendants of the parents. 4. If no issue, parents, brother, or sister, it descends to the next of kin. 5. The property of a deceased unmarried minor inherited from a parent, descends as that parent's property would. 6. If no issue, widow, widower or kindred, the property escheats to the State. This act does not affect dower already existing.

When the will makes specific provision for the widow or widower, such legatee must, within six months of probate, file either the acceptance or the claim of right by descent; and can only have both when the testator clearly manifests such intention. Releases of dower are deemed to be releases of right and interest by descent.

X. EXECUTIONS:

Issue on judgments twenty-four hours after rendition, and are returnable within three months. Alias or pluries executions may issue within ten years from the day of return of preceding execution. New executions may be issued on proof of loss or destruction of the original. On default of absent defendant, execution is stayed one year, unless bond is given to reimburse the amount of the judgment if reversed on proceedings for review. Executions may be levied on all attachable property; said property being subject to right of redemption within a year. The same proceedings may be had in the case of mortgaged real estate. Where an estate cannot be described by metes and bounds, levy may be on rents and profits. Levy may be made on land fraudulently conveyed by debtor. The right of redemption of real estate may be levied on, as also the right to a conveyance of it by bond or contract, estates for a term of years, and interest by possession and improvement. In addition to levy by appraisal, the creditor may have any real estate of the debtor seized and sold on execution in the same manner that the right to redeem mortgaged land is sold, and with the same right of redemption.

XI. EXEMPTIONS:

The following personal property is exempt from attachment and levy: Wearing apparel; one hundred dollars' worth of household furniture necessary for the family; one bedstead, bed and bedding for each two members; family portraits, bibles and school-books in actual use; copy of state statutes and library worth one hundred and fifty dollars; pew in use; one cooking and all iron warming stoves; charcoal, twelve cords of wood at home for use, five tons of anthracite and fifty bushels of bituminous coal, and ten dollars' worth of lumber, wood, or bark; all produce till harvested; one barrel of flour, thirty bushels of corn or grain, and all potatoes raised or bought for debtor or his family; half an acre of flax and manufactures therefrom for use; tools of trade and fifty dollars' worth of materials and stock procured and necessary for said trade or business and intended to be used in the same; sewing machine worth one hundred dollars; one pair of working cattle, or one pair of horses or mules worth threo hundred dollars, and hay to keep them through the winter, together with one harness worth twenty dollars for each horse or mule; a horse sled or ox sled; two swine, one cow and heifer under three years, or two cows if no oxen, horse or mule, and ten sheep with their wool and lambs until one year old, together with hay sufficient to keep them through the winter; fifty dollars' worth of domestic fowls; one plow, one cart, truck wagon or express wagon, one harrow, one yoke with bows, ring and staple, two chains, one ox sled and one mowing machine; one boat of two tons employed in fishing and owned exclusively by an inhabitant of the State; life and accident insurance policies, except excess of annual cash premiums for two years above one hundred and fifty dollars; also two shares in loan and building associations, and the receipts of certain agricultural societies until their expenses, purses, and premiums are paid, provided the same are paid within three months from close of the fair.

XII. HOMESTEAD:

One lot of land and buildings worth five hundred dollars, if owner files required certificate in registry of deeds, is exempt as a homestead from all attachments except for liens of mechanics and material-men; as is also one cemetery lot.

XIII. INSOLVENCY:

The Courts of Probate of the several counties are Courts of Insolvency for their respective counties.

Voluntary proceedings may be had in the county where the debtor resides. Involuntary proceedings, the same as voluntary, also may be had in the county in which non-resident debtor may have real or personal estate, or from which he has absconded or removed beyond the State within six months before the filing of the petition, leaving property or estate in said county.

In voluntary proceedings a warrant issues to the sheriff to take possession of all the debtor's estate, real and personal, not exempt from attachment, and of all books of account and papers, until an assignee is elected or appointed.

In involuntary proceedings warrant issues as above, with the exception that debtor is summoned to appear at a specified time for a hearing. At the hearing, unless the allegations made in the petition are proved, the warrant will be revoked; if proved the matter will proceed as in voluntary proceedings.

Assignees are chosen at the first meeting by the greater part in number and value of the creditors who have proved their debts and vote at the meeting. Assignees give bond.

Creditors may prove their claims at any time before the final dividend. The following are provable: All debts due and payable by the debtor at the time of the filing of the petition by or against him; all debts then existing but not payable until a future day, a rebate of interest being made when no interest is payable by the terms of the contract, and all demands against the estate of the insolvent for or on account of any goods or chattels wrongfully taken, converted or withheld by him may be proved and allowed as debts to the amount of the value of the property so taken or withheld with interest. Also, when insolvent is liable for unliquidated damages arising out of any contract or promise, or on account of any goods or chattels wrongfully taken, converted or withheld the court may cause such damages to be assessed in such mode as it deems best, and the sum so assessed may be proved against the estate.

In all cases of contingent debts and contingent liabilities contracted by the insolvent and not herein otherwise provided for, the creditor may make claim therefor, and have his claim allowed with the right to share in the dividends; or he may apply to the court to have the present value of the debt or liability ascertained and certified, which shall then be done as the court orders, and he may prove for the amount so ascertained.

Any person liable as bail, surety, guarantor, or otherwise, for the insolvent, who has paid the debt, or any part thereof, in discharge of the whole, may prove such debt, or stand in the place of the creditor, if the creditor has proven the same, although such payments were made after the proceedings in insolvency were commenced.

No debts other than those specified in this section, shall be allowed against the estate. Proof of debt must be made by creditor or his attorney and filed with the register of insolvency, in the county where the proceedings are had. Evidences of indebtedness must be annexed to the proof, but may be taken from the files on petition for that purpose.

The judge of insolvency assigns all the debtor's property

which is subject to be taken for creditors, which assignment relates back to the commencement of proceedings, and dissolves all attachments made within four months. Assignee may be authorized by the court to carry on the business of the insolvent.

A mortgage to secure a prior existing creditor is void against the assignee unless recorded at least three months prior to the commencement of insolvency proceedings. Any transfer of property by debtor not made in the usual course of business is prima facie evidence of a preference. Virtually preferences, fraudulent conveyances, sequestrations, fraudulent judgments, payments, pledges, assignments, transfers or conveyances of property, made within six months prior to insolvent proceedings, are void when the transferee or grantee had reasonable cause to believe that grantor was insolvent or acting in contemplation of insolvency or with a view to prevent his property coming into the possession of his assignee.

The following claims are paid in full in their order: 1. Costs of suits in proceedings in insolvency. 2. Taxes due, except debts due to the State in behalf of the State's prison. 3. Wages due any operative, clerk or house servant, not exceeding fifty dollars, for labor performed within six months preceding the filing of the petition.

Debtor may be examined on oath on all matters relating to his insolvency.

After four months the debtor may apply for a discharge and such discharge shall be granted if the court is satisfied that debtor is in all respects entitled to the same.

Discharge releases debtor from all debts provable against his estate except as above. A joint debtor as partner, joint contractor, endorser or surety, is not discharged by the discharge of the co-promisor.

Corporations created under the laws of Maine for carrying on a manufacturing, mechanical, mining or quarrying business, trading, etc., or any lawful business, are subject to insolvency proceedings; but corporations whose business involves public duties and obligations, such as railroads, banks, etc., are not subject to these proceedings.

XIV. INTEREST:

The legal rate is six per cent per annum. Parties may in writing agree upon any rate.

XV. JUDGMENTS:

Judgments create a lien on the estate of defendant when attachment is made on mesne process; or when the title to real estate is involved, a lien is created on the land in controversy, provided a certificate issued from the office of the clerk of the court, stating briefly the names of the parties, the cause of action, a full description of the land, etc., is recorded in the registry of deeds in the county wherein the land is situated. Judgments are rendered under a general order at the end of the term. Special judgments may be rendered on motion in cases requiring it. Judgments bear interest at the rate of six per cent. A judgment may be superseded on a writ of review for certain causes.

XVI. LIENS:

Liens are given by statute on buildings and lots for labor performed or materials furnished in erecting, altering, moving or repairing buildings, cutting and dressing lumber, rock or stone, and all other forms of labor or service by virtue of a contract with or by consent of owner. If the contract is not with owner a sworn statement of claim must be filed in the town clerk's office within forty days after the last work is performed or material furnished, and in both cases must be enforced within ninety days after that date. Buildings on leased land are subject to lien for rent.

Factors have a lien on merchandise for advances, and are deemed true owners where the merchandise is forwarded in their names, as to any person who bona fide advances money or credit on faith of the apparent title. Attorneys have liens on judgments for costs. Creditors have a lien on life and accident policies for an amount of premium over one hundred and fifty dollars a year paid by the debtor within two years, subject to any pledge or assignment thereof in good faith. Liens also on mills for advances made by part owners for repairs, and on mill and mill dams for damages in flowage. Lien exists in favor of the mortgagee of real estate upon any policy of insurance procured by the mortgagor, to take effect upon the filing of written notice with the secretary of the company, and to be enforced within sixty days after loss by suit against mortgagor and the company as his trustee. Railroads have a lien for freight.

Whoever has a lien on or pledge of any stock or certificate thereof, bond, note, account, or other chose in action, or on any other personal property in his possession, may sell the same after adjudication by a court having jurisdiction of the petition of holder.

XVII. LIMITATIONS:

Actions for recovery of a debt on contract, or liability not under seal; assumpsit or case founded on contract, express or implied; waste, trespass on land, and trespass, except assault and battery and false imprisonment; replevin and other actions for taking, detaining or injuring goods or chattels, and all other actions on case except slander and libel, must be brought within six years after the cause of action accrues.

For assault and battery, false imprisonment, slander and libel, within two years.

On witnessed notes, bills or other evidences of indebtedness issued by a bank, and personal action on any other contract not otherwise limited, within twenty years.

Judgments of the United States, courts of record or any Justice Court in this State are presumed to be satisfied after seven years; but presumption may be overcome by proof. Endorsers of writs for costs are liable within one year from the original judgment.

If a person entitled to bring action is a minor, married woman, insane, imprisoned, or without the limits of the United States when the cause of action accrued, action may be brought within the time limited, after such disability has been removed.

If a cause of action is fraudulently concealed by the person liable, or if a fraud is committed which entitles any person to an action, action may be commenced within six years after the plaintiff discovers he is entitled to bring an action.

All limitations apply to set-offs. Part payment of principal or interest on a promissory note, bill of exchange or other writing, or written acknowledgment, or promise in writing, signed by the parties chargeable thereby, will raise the statutory bar, and suit may be brought within the time limited for such actions, commencing at the date the bar was got rid of. Such acknowledgment or promise by a joint contractor, or part payment, does not interfere with the running of the statute against his co-debtors. In the case of mutual dealing, the time runs from the date of the last item proved on either side. Actions barred elsewhere are barred in this State.

XVIII. MARRIED WOMEN:

Have with their husbands equal property rights, and can make contracts, sue and be sued as if single. If married since April 21st, 1844, they retain their property; if since April 26th, 1852, the husband is not liable for antenuptial debts. Husband not liable for the torts of wife, but is liable for her support and maintenance. Whenever a man having a wife, a minor child, or both, residing in this State, living apart from them, and being of sufficient ability, or being able to labor and provide for them, willfully and without reasonable cause refuses or neglects to provide suitable maintenance for them, the courts may compel him to do so.

XIX. MORTGAGES:

Mortgages of real estate are ordinarily made in the form of deed poll with condition of defeasance contained therein. An absolute deed with a separate instrument of defeasance executed as a part of the same transaction constitutes a mortgage, and must be recorded in the registry of deeds where the land lies, or it will not be effectual against any person except the grantor, his heirs and devisees and persons having actual notice thereof. The right of possession is in the mortgagee unless otherwise agreed in the mortgage. The mortgagee takes the legal estate, subject to be defeated by fulfilling the conditions by mortgagor. If the mortgagee takes possession, he must account for rents and profits actually received, and also for those lost through his negligent management of the property.

After breach of condition, the mortgagee, if he desires to obtain possession of the premises for the purpose of foreclosure, may: (1) obtain judgment and get possession under a writ of possession; (2) enter into possession and hold the same by consent in writing of the mortgagor or the person holding under him; or, (3) enter peaceably and openly, if not opposed, in the presence of two witnesses, and take possession of the premises, in which case certificate of the fact, etc., must be made by the witnesses and recorded where the mortgage was recorded; and possession must be retained.

If mortgagee wishes to make foreclosure without possession, he may give public notice in a newspaper published and printed in whole or in part where the premises are situated, three weeks successively, stating his claim, describing premises intelligibly, naming date of the mortgage, and that the condition thereof is broken, by reason of which he claims a foreclosure. A copy of such printed notice, with the name of the newspaper and dates of publication, must be recorded in the registry where the mortgage was recorded; or mortgagee may cause an attested copy of such notice to be served on the mortgagor or his assignee, and cause the original notice and sheriff's return thereon to be recorded in said registry; in both cases record must be made within thirty days after the last publication or service of notice.

The time for redemption begins to run from the first publication, or at the service of the notice. Unless otherwise agreed, mortgagor has three years for redemption, but parties may agree upon a shorter time, not less than one year. Mortgages may be foreclosed in equity. Power of sale mortgages are recognized by the courts, and frequently made.

Chattel mortgages are not valid, except between the parties, unless possession of property is taken by the mortgagee, or the mortgage is recorded by the clerk of the town where mortgagor resides at the time mortgage

given. Unless otherwise stipulated in the mortgage, the right of possession is in the mortgagee. If parties reside out of the State, mortgage must be recorded in the city, town or plantation where the property was situated at the time the mortgage was made. Foreclosure is made by sixty days' notice of intention to foreclose, given in writing to mortgagee after condition is broken, or published for three weeks consecutively in a newspaper, if mortgagor is out of the State.

No agreement that personal property bargained and delivered to another shall remain the property of the seller until paid for is valid, unless the same is in writing and signed by the persons to be bound thereby; and when so made and signed, whether said agreement is or is called a note, lease, conditional sale, purchase on installments, or by any other name, and in whatever form it may be, shall not be valid, except as between the original parties thereto, unless it is recorded in the office of the clerk of the town in which the purchaser resides at the time of the purchase. All such agreements, recorded or not, shall be subject to redemption, and title may be foreclosed in the same manner as is provided for mortgages of personal property.

Selling, concealing or removing personal property subject to mortgage, with fraudulent intent, without notice of the mortgage, is punishable criminally.

XX. NOTES AND BILLS:

No special form of note is recommended. Acceptance of a bill, draft or order, and waiver of demand and notice, must be in writing. A party signing a note on the back before delivery is held as a maker, unless he is named as payee therein.

Three days of grace are allowed unless note or bill is on demand. If the third day is Sunday, a day of public fast or Thanksgiving, first day of January, twenty-second day of February, thirtieth day of May, fourth day of July, Christmas day, or the third day of grace is Sunday before the first Monday in September (Labor day), two days are allowed. If either of these days mentioned, save the last, fall on Monday, and is the third day of grace, or Saturday, and the following Sunday is the third day of grace, or Sunday, and it is the second day of grace, four days are allowed. If the third day of grace is the first Monday of September (Labor day), four days are allowed.

XXI. SUITS:

Civil actions are begun by original writs (except in scire facias and certain other proceedings) issued by the clerks in the several counties. The goods and estate of defendant may be attached thereon, and for want thereof defendant may be arrested under several forms of action; or an original summons may be issued, with or without order of attachment. Said writs or summons are returnable in the Supreme Court at the next term; in the Superior Court of Cumberland County, at either of the next three terms, and in Kennebec County at either of the next two terms. The writ is filled out and declaration inserted by counsel before service is made; and after service no change can be made in the writ, unless allowed by the court on motion.

Service on private persons in most cases must be fourteen days before the return day, and on a corporation thirty days. Service on corporations is made by leaving a copy of writ, attested by the officer, with the president, clerk, cashier, treasurer, general agent, or director, or if no such officer or agent is found, with any member; and if a foreign corporation, such copy may also be left with any agent, or at the office or place of business.

When property is attached in this State belonging to a party or corporation residing without the State, and upon whom no service can be made in the State, the judgment obtained will only be effectual to the value of the property attached, unless the defendant voluntarily appears at court and submits to the jurisdiction thereof. When property is attached in this manner, the court will order notice to defendant without the State, and judgment will be rendered in the manner stated. Non-resident plaintiffs must furnish endorsers for costs. Cross-actions against non-residents may be served on the attorney of non-resident in the first action. Local actions are returnable in the county where subject matter is situated, and personal actions returnable in the county in which a plaintiff or defendant resides.

XXII. TAXES:

Taxes are assessed on polls, real estate and personal property. Property of the United States and the State, and of literary, benevolent, charitable and scientific institutions incorporated by the State, houses for religious worship, colleges, household furniture worth two hundred dollars, wearing apparel, farming utensils, mechanics' tools, musical instruments worth fifteen dollars, parsonage worth six thousand dollars, mules, horses, neat cattle, swine and sheep under six months old, hay, grain and potatoes in possession of producer, mines for ten years, polls and estates of infirm persons, and property of water companies are exempt.

Taxes are assessed as of April 1st, and if not paid by first Monday in December of the following year, the land will be sold. One year is allowed for redemption in the case of non-residents, and two in the case of residents. Owners of goods bringing them into the State after April 1st, to be sold within less than one year, have to pay license fee equivalent to the regular local tax on similar property.

XXIII. WILLS:

A person of sound mind, of the age of twenty-one, may dispose of property by will, in writing, signed by testator or some person for him, at his request and in his presence, and attested in the presence of testator by three disinterested persons. A child or issue of deceased child, unless intentionally omitted from the will, takes the same share that he would have had if deceased had died intestate. Nuncupative wills may be made during the last sickness, at testator's house, or where he last resided for ten days, unless taken sick while traveling, and dying before returning, except in case of mariners and soldiers, and must be reduced to writing within six days, or they cannot be proved after six months.

CORPORATIONS.

I. ORGANIZATION:

Three or more persons may, by written articles of agreement, form themselves into a corporation for mining, quarrying, or any other lawful business, pursuit or calling. Their first meeting shall be called by one or more of the signers of said articles, and notice thereof, stating the time, place and purpose of such meeting, shall be given to each signer, in writing, or by publication in some newspaper in the county where said parties reside, at least fourteen days prior to the date of such meeting.

At such meeting they may adopt a corporate name, define the purposes of the corporation, fix the amount of the capital stock, which shall not be less than one thousand dollars nor more than ten million dollars; divide said stock into shares, and elect a president, not less than three directors, a clerk, treasurer, and any other necessary officers, and may adopt a code of by-laws.

Before commencing business, the president, treasurer and a majority of the directors shall prepare, sign and make oath to a certificate setting forth the name and purpose of the corporation, the amount of capital stock, the amount already paid in, the par value of the shares, the names and residences of the owners, the name of the county where the company's head office is located, and the number and names of the directors; and after it has been examined by the Attorney-General and by him been certified to be properly drawn and signed and to be conformable to the constitution and laws, it shall be recorded in the registry of deeds in the county where the business is to be done, and a copy thereof, certified by such register, shall be filed in the office of the Secretary of State, who shall minute the date of filing thereon and on the original certificate to be kept by the corporation, and shall record said copy in a book kept for that purpose. The corporation is created upon the filing of such certificate in the office of the Secretary of State, and then becomes clothed with all rights and powers, and is subject to all duties and liabilities, as if chartered by special act.

A corporation may be chartered by special act of the Legislature. Before commencing business, if so chartered, the president, treasurer and a majority of the directors shall prepare, sign and make oath to a certificate, as in cases of corporations organized under the general law, and stating therein the date of approval of the charter, such certificate to be recorded in the registry of deeds in the county where the principal office of the corporation is to be located, and a certified copy thereof filed in the office of the Secretary of State.

II. OFFICERS:

The officers shall be chosen annually, and continue in office until others are chosen and qualified in their stead. The directors must be stockholders. The clerk of the corporation, who must be a resident of the State, shall be sworn and shall keep a record of all votes of the corporation. The treasurer shall give bond for the faithful discharge of his duties.

III. BOOKS AND RECORDS:

The office of such corporation shall be at some fixed place within the State, where shall be kept the records of the corporation, and a book showing a true and complete list of all stockholders, their residences and the amount of stock held by each; but this provision as to lists of stockholders does not apply to any corporation doing business in the State and having a treasurer's office at some fixed place within the State, where a stock book is kept giving the names, residences and amount of stock of each stockholder. Records and books shall be open at all reasonable hours to the inspection of persons interested.

The clerk or other officer of the corporation shall, within twenty days after the election of a clerk, or change of location of the clerk's office, file in the office of the registry of deeds in the county where the corporation is established or has its principal office or place of business a certificate

giving the full name and residence of the clerk and the location of the clerk's office.

IV. TAXATION:

Mines of gold, silver, or of the baser metals, when opened and in process of development, are exempt from taxation for ten years from the time of opening. The buildings, lands and other property of mining and smelting corporations, made personal by their charters and not exempt from taxation, are taxable to the corporations; and shares of the capital stock shall not be taxed to the owner thereof.

V. LIABILITY OF STOCKHOLDERS:

No stockholder whose stock has been fully paid in, and no part of the principal has been withdrawn, is liable for corporate debts: but when corporate property cannot be found with which to satisfy such debts, each stockholder's stock and interest in stock may be seized and sold on execution, and he may recover of the corporation the value of the stock and interest so taken.

MINING.

I. INSPECTION:

The general inspector appointed by the State shall examine into the sanitary and mechanical condition of all mines and quarries, and when any condition or thing is found that, in his opinion, endangers the health or lives of employes, he shall notify the local board of health, and it shall be the duty of said board to investigate the matter. He shall also see that every building in which any trade, manufacture or business is carried on, requiring the presence of workmen or other persons above the first story, shall at all times be provided with suitable and sufficient fire escapes, outside stairs, or ladders from each story or gallery above the level of the ground, easily accessible to all inmates in case of fire or an alarm of fire.

II. WAGES:

Upon complaint and inquiry into such matters, the inspector shall prosecute any corporation organized for mining or quarrying purposes, in addition to other corporations, having in its employ more than ten persons, who shall not pay fortnightly to each and every employe engaged in its business the wages earned by such employe to within eight days of the date of said payment. Whoever digs, hauls or furnishes rock for the manufacture of lime, and whoever labors in any quarry in quarrying, cutting or dressing granite, or in mining, quarrying or manufacturing slate, has a lien for his wages on such lime rock for thirty days after the rock is manufactured into lime, or until such lime is sold or shipped on board vessel; and on the granite so quarried, cut or dressed for thirty days after such granite is cut or dressed, or until it is sold or shipped on board vessel; and on all slate so mined, quarried or manufactured for thirty days after such slate arrives at the port of shipment; and such liens have precedence of all other claims. No statutory liens on ores and metals. See Commercial Law, "XVI. Liens."

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF MANITOBA, CANADA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by HOUGH & CAMPBELL, Barristers-at-Law, McIntyre Block, Winnipeg, Manitoba, Canada.

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COMMERCIAL LAW.

I. ALIENS:

May acquire, transfer and inherit property like citizens. They may sue or be sued in the courts of the Province for the fulfillment of obligations contracted by them even in foreign countries, provided legal service can be effected within the Province. Every plaintiff not resident in the Province is bound if required to give security for the costs of the opposite party in any suit or proceeding which he institutes in its courts.

II. ASSIGNMENT:

There is no bankrupt or insolvency law in force in this Province; but debtors may make assignments in trust for the benefit of all their creditors ratably and proportionately, and without preference or priority. Judgments recovered in due course before assignment retain their priority, notwithstanding the debtor is in insolvent circumstances.

III. ATTACHMENTS:

All property, real and personal, of debtors, or persons against whom there is a cause of action, may be attached when such debtor or other person: 1. Shall depart from Manitoba with intent to defraud his creditors or to avoid arrest or service of process. 2. Not being a resident of the Province, shall be indebted or liable to a resident of the Province upon contract or for damages. 3. Whether resident or non-resident, is about to remove any of his property out of the said Province, or has assigned or secreted any of his property therein, with intent to defeat, delay, or defraud creditors. No bonds are required to be given by plaintiff. Remedy by garnishee process is given by statute to creditors or persons having a cause of action against another, which may be had at the commencement of or at any time during the pendency of suit. (See Deeds.)

A debtor may be arrested at the instance of a creditor whose claim amounts to one hundred dollars or upwards, upon it appearing by affidavit of the creditor or his agent, to the satisfaction of a judge of the Superior Court, that unless such debtor be forthwith apprehended he will quit Manitoba with intent to defraud his creditors. The writ of arrest (or capias) may be issued before or after judgment.

IV. CLAIMS AGAINST ESTATES:

Claims against the estate of an assignor must be filed with the assignee and verified by the affidavit of the creditor, or his agent, who can swear to the indebtedness. Such affidavit, if made within the Province, may be made before a commissioner for taking affidavits; and if made outside the Province, should be made before a notary public, who must sign the same and affix his official seal thereto. Such affidavits must set out the nature of the claim; the amount thereof after giving the debtor credit for all payments, setoffs and allowances; and whether the creditor holds any security for his claim or any part thereof. If such security is on the estate of the debtor or on the estate of a third party for whom such debtor is only secondarily liable, the creditor shall put a specified value thereon, and the assignee, under the authority of the creditors, may either consent to the right of the creditor to rank for the balance of his claim after deducting such valuation, or he may require from the creditor an assignment of the security at an advance of ten per cent upon the specified value and in such case the difference between the value at which the security is retained or assigned, and the amount of the gross claim of the creditor shall be the amount for which he shall rank and vote in respect of the estate. No creditor whose vote is disputed shall be entitled to vote until he has filed with the assignee the above affidavit in proof of his claim.

V. COURTS:

The Court of Queen's Bench is the Supreme Court of Manitoba, and has an orginal and appellate jurisdiction both at law and in equity. There are four terms a year for the hearing of appeals from a single judge.

County Courts have jurisdiction up to four hundred dollars, in all actions except claims in the nature of seduction, breach of promise of marriage, and a few others which are confined exclusively to the Queen's Bench. An appeal lies from the County Court to the Queen's Bench in all cases where the amount in dispute is twenty dollars or upwards.

VI. FEES:

Acknowledgment before notary public, justice or clerk of court	$ 1.00
Attachment: uncertain; about	5.00
Appeal: contingent.	
Commencement of suit in Justice Court: contingent; about	3.50
Commencement of suit in court of record: contingent, about	5.50
Incorporation: according to capital stock; from	30.00
Probate: according to value of estate; from	5.00
Protest	2.50
Record:	
Redemption: contingent.	
Sheriff: contingent.	
Witness: per day	1.25
Mandamus: about	5.50

VII. DEEDS:

Deeds of land, or of any interest in land, in this Province may be executed in the presence of a single witness. For the purpose of registration, an affidavit must be made by the witness of the due execution by the grantor, which affidavit, if made within the Province, may be made before any commissioner for taking affidavits in the Queen's Bench, the registrar or deputy registrar of the county in which the lands lie, a judge of any of the Superior or County Courts, or any justice of the peace; if made in any other province of the Dominion, it may be made before a judge or prothonotary of any of the Superior Courts of law or equity, or any notary public certified under his official seal; if made in any state of the Union, it may be made before the mayor of any city or corporate town and certified under the common seal of such city or town corporate, any consul or vice-consul of Her Majesty resident therein, or a judge of a court of record or a notary public, certified under his official seal. No acknowledgment is necessary if the due execution of the instrument is proven as above. It is not necessary for a wife to join in a conveyance by the husband of lands held in his own name, as dower does not attach during the lifetime of the husband. The Torrens system of land transfers has lately been introduced in the Province, but registration under the act is optional with the owners. When once brought under the operation of the act, however, all subsequent transfers or conveyances must be in the manner laid down and according to the forms prescribed by the statute.

VIII. DESCENT:

In the case of a person dying intestate leaving a widow and child or children, one-third of his estate (real and personal) goes to his widow, and the remaining two-thirds to his child or children in equal shares. If he leaves a widow only, all his estate goes to her. If he leaves children and no widow, all his estate goes to them in equal shares. The share of a posthumous child is the same as any other and there is no distinction of half-blood. If intestate leaves no widow, children or grandchildren his whole estate (real and personal) goes to his father. If no father, then to mother, brothers and sisters equally. If no father, brothers or sisters, the mother gets all. If no father or mother, estate goes to brothers and sisters equally. If no father, mother, brothers, sisters, or children of brothers or sisters, whole estate, real and personal, goes to next of kin in equal degree.

IX. EMINENT DOMAIN:

This law applies principally to mining districts. In regard to rights for public roads, etc., over property, if the same is not reserved in the Crown patent, the grantee obtains full control.

X. EXECUTIONS:

Issue from the Queen's Bench in all cases as of course against the goods of the judgment debtor, and bind the goods from the date of receipt by sheriff as against the debtor or purchaser with notice; or from date of seizure as against purchaser for value without notice. Lands are bound by the registration of a certificate of judgment in the registration division where the lands are situated, which must be renewed every two years. Executions from the County Court remain in force for one year, and bind goods only, but may be renewed.

XI. EXEMPTIONS:

The following personal and real property are free from seizure under any writ of execution issued by any court in the Province: 1, Beds and bedding in the common use of the judgment debtor and his family; and also household furniture and effects not exceeding in value five hundred dollars; 2, the necessary and ordinary clothing of debtor and his family; 3, twelve volumes of books, books of a professional man, one ax, one saw, one gun, six traps, and all nets and seines used by debtor; 4, the necessary food, if in possession of the debtor at the time of seizure, for himself and family for eleven months; 5, six cows, three oxen or three horses or mules, ten sheep, ten pigs, fifty fowl, and food for same for eleven months, the exemption as to horses to apply only in case they are used by the debtor in earning his living; 6, the tools, agricultural implements and necessaries used by debtor in practice of his trade, profession or occupation to the value of five hundred dollars; 7, the articles and furniture necessary to performance of religious services; 8, the land upon which debtor and his family actually reside, or which he cultivates or uses, provided the same does not exceed one hundred and sixty acres, if outside the limits of any city or town; 9, the stables, barns and fences on debtor's farm, subject as aforesaid; 10, all necessary seeds or roots for the cultivation of thirty acres; 11, the actual residence of any person, other than a farmer, in any city or town, provided the same does not exceed in value one thousand five hundred dollars; if it exceed the above value, before it can be sold, the said amount must be paid or secured to the debtor. The above exemptions only apply to debts. Any contract by debtor to abandon exemption is null and void.

XII. INTEREST:

The legal rate of interest is six per cent, but any rate of interest can be charged pursuant to agreement.

XIII. JUDGMENTS:

Are in force for ten yars from date, but may be renewed by suing on the judgment within that time. A certificate of judgment registered in the proper registry office binds lands for two years from date of registration.

XIV. LIENS:

Lien notes, hire receipts, orders for chattels, are prohibited from registration, and are null and void as against any person or corporation claiming an interest or estate in lands under a registered instrument.

Every person furnishing labor upon or materials to be used in the construction, alteration or repair of any building or erection; or erecting, furnishing or placing machinery of any kind, in, upon or in connection with any building, erection or mine, shall by virtue thereof have a lien or charge for the price of such labor, materials or machinery upon such building, erection or mine, and the lands occupied thereby or connected therewith, provided that no lien shall exist for a less sum than twenty dollars. The lien shall be limited to the estate or interest in such lands, buildings or erections of the person at whose instance or request such machinery or material were provided. If the lien is claimed by a sub-contractor the amount shall be limited to the amount payable to the contractor by the owner.

No lien shall exist, unless and until a statement of the claim is registered in the "land titles office" for the district in which the lands affected are situated, and which statement may be filed during the progress of the work or within thirty days after its completion.

When the claim is within the sum of two hundred and fifty dollars, proceedings may be taken in the County Court to sell the lands charged, although, whether for more or less than the said sum of two hundred and fifty dollars, procedings may be taken and instituted in the Court of Queen's Bench on its equity side. The court may then make sale of the estate in such manner in each case as it may think proper, and may also direct the sale of the materials or machinery, and authorize the removal thereof, although fixtures.

If the land charged be incumbered, existing or created before the furnishment of said labor, or material, or said machinery, such mortgage shall not have priority over the lien to any greater extent than the actual value of such land at the time the improvements were commenced. In cases where there are several lien-holders against the same property and the proceeds of the sale are insufficient to satisfy all in full, said proceeds shall be distributed among them ratably and pari passu.

The Manitoba statute known as "The Lien Note Act" provides: "Receipt notes, hire receipts and orders for chattels given by bailees of chattels, where the condition of the bailment is such that the possession of the chattel shall pass without any ownership therein being acquired by the bailee, were and shall be only valid in the case of manufactured goods or chattels, which, at the time the bailment is entered into, have the manufacturer's name or some other distinguishing name painted, printed or stamped thereon or otherwise plainly attached thereon; and no such bailment shall be valid unless it be evinced in writing, signed by the person thus taking possession of the chattel."

"Every manufacturer and his agents shall forthwith, on application, furnish to any applicant full information respecting the balance due on any such manufactured goods or chattels, and the terms of payment of such balance, and in case he or they refuse or neglect to furnish the information asked for, such manufacturer or agent shall be liable to a fine of not less than ten dollars or more than fifty dollars on conviction before any justice of the peace."

XV. LIMITATIONS:

Promissory notes and bills of exchange become outlawed unless sued upon within six years from due date, or within six years of last payment on account or written acknowledgment of debt in writing. No action to recover

money secured by mortgage, judgment or lien may be brought, but within ten years after the right to receive the same accrued, or within ten years after part payment, or acknowledgment of the debt in writing.

XVI. MARRIED WOMEN:

A married woman can hold for her own separate use all property owned at the time of marriage or subsequently acquired, but such property is liable for her own separate debts. In every respect a wife can deal with her own property, can sue and be sued as if she were unmarried. A man may convey land to his wife directly or vice versa. No dower law exists now in Manitoba, so that a widow is not entitled to any dower in the real estate of her husband which he dies possessed of. A married woman's property is liable for any of the ordinary or necessary expenses of the family, unless specially charged by her.

XVII. MORTGAGES:

Chattel mortgages are good as against an innocent purchaser for value when registered in the office of the County Court within which the goods or chattels are situate. Chattel mortgages expire unless renewed, within two years from date of registration.

Mortgages on real estate bind lands against innocent purchasers only when registered. They are good for ten years from the date of registration, part payment or acknowledgment of debt made by the mortgagor in writing.

XVIII. NOTES AND BILLS:

Are the ordinary forms of commercial paper in this Province. Three days of grace allowed, except when payable on demand. If a bill or note falls due on a legal holiday it must be presented on the following day. In order to hold indorsers liable the bill or note must be presented and protested, and notice duly given. Production of the protest is prima facie evidence of presentment and dishonor. The stamp duty is required on bills or notes.

XIX. SUITS:

Actions and suits are in common law begun by a writ of summons; in equity, by a bill of complaint. If defendant does not appear, judgment by default may be signed against him. If defendant is within Manitoba the time for appearance to the writ of summons is eight days; to a bill of complaint, it is four weeks. Said time, when defendant is without the Province, is regulated by the distance of his then domicile therefrom. The Court of Queen's Bench is resorted to in all actions when the debt or damage exceeds four hundred dollars, or where the unsettled account to be investigated exceeds five hundred dollars.

[On October 1st, 1895, the new "Court of Queen's Bench Act" came into force in the Province, materially altering the practice in this court. All actions are now commenced by statements of claim duly filed and served.]

XX. TAXES:

Lands may be sold for taxes, when in arrears for one year or upwards, by the treasurer of the municipality within which the lands lie; and may be redeemed at any time within two years from date of sale, upon payment of the sum paid by the purchaser, with ten per cent interest if redeemed within one year, or twenty per cent if redeemed within two years from date of sale.

XXI. WAGES:

Under assignments for the benefit of creditors, the wages of workmen in the employ of the assignor at the time of making the assignment, or within one month before the making thereof, are privileged for three months, and paid in priority to the claims of the ordinary creditors; such wages to be for arrears only and not for any unearned portion. Wages to the extent of forty dollars per month are exempt from seizure in attachment under process issued out of any court.

XXII. WILLS:

A person must be twenty-one years of age before he or she can make a will. Wills must be executed in the presence of two witnesses, and the whole will may be written and signed by the testator himself. A devise, legacy, etc., to a witness does not invalidate the will, but such devise, legacy, etc., is null and void. A creditor or executor can be a competent witness.

CORPORATIONS.

I. ORGANIZATION:

All companies, except railway and insurance companies, are created either by special act of parliament or by letters patent issued under the provisions of the "Manitoba Joint Stock Companies' Act" by the Lieutenant-Governor-in-Council. Unless special powers are required, the latter course is always adopted.

The applicants for letters patent must give one month's previous notice, to be inserted once in the Manitoba Gazette, of their intention to apply for the same, stating therein: 1. The proposed name of the company, which shall not be that of any other known company. 2. The object for which incorporation is sought. 3. The place within the Province where its operations are to be carried on. 4. The amount of the capital stock. 5. The number of shares and the amount of each share. 6. The name in full, address, and calling of each of the applicants with special mention of the names of not less than three, nor more than nine of their number, who are to be the first directors of the company.

The application is made by petition of not less than five persons, stating the facts required to be set forth in the notice; the amount of stock taken by each of the applicants; and also the amount, if any, paid in upon the stock of each applicant, and whether in cash, transfer or property, or otherwise.

From the date of the letters patent the persons therein named and their successors shall be a body corporate and politic by the name therein mentioned; and the powers therein mentioned shall be exercised subject to the provisions of the said act. The company must go into operation within three years after the charter is granted, and in the event of non-user during three years at any one time the charter is forfeited. No company shall commence business until at least ten per cent of the capital stock shall have been subscribed, and at least ten per cent of the stock subscribed actually paid up.

Upon resolution of not less than two-thirds in value of the shareholders present at a general meeting, and upon one month's previous notice given in the Manitoba Gazette, the Lieutenant-Governor may direct the issue of supplementary letters patent, embracing the following matters: 1. Extending the powers of the company to any objects within the scope of the act which the company may desire. 2. Limiting or increasing the amount which the company may borrow upon debentures or otherwise. 3. Providing for the foundation of a reserve fund. 4. Varying any provisions contained in the letters patent, so long as the alteration desired is not contrary to the provisions of the act. 5. Making provision for any other matter or thing in respect of which provision might have been made by the original letters patent.

II. POWERS:

Every company may, subject to any limitations contained in the letters patent, acquire, hold, alienate and convey real estate requisite for the uses of the company, or of the undertaking; and may take and hold such lands and tenements, real and personal property as may have been mortgaged or conveyed to it by way of security, and may retain the same for a period not exceeding ten years.

III. DIRECTORS:

There shall be not less than three nor more than nine directors. The persons named in the letters patent shall be the directors of the company until replaced by others who shall be duly elected by the shareholders at a general meeting held at some place within the Province, at such time, in such wise and for such terms, not exceeding two years, as the letters patent or the by-laws of the company may prescribe.

The directors shall have full power: to administer the affairs of the company; to make contracts authorized by by-laws of the company; to make by-laws not contrary to law or the letters patent regulating the allotment of stock, making of calls and payment thereof, the issue and registration of certificates of stock, the forfeiture of stock for non-payment, the disposal of forfeited stock, the transfer of stock, the payment of dividends, the number of directors and their terms of service, the amount of their stock qualification, the appointment, functions and removal of all agents, officers and servants of the company, the security to be given by them to the company and their remuneration, the time at which and the place where the annual and special meetings of the company or the board of directors shall be held, the quorum, the requirement as to proxies and the procedure in all things at such meetings, and the conduct in all other particulars of the affairs of the company; but every such by-law and every repeal, amendment or re-enactment thereof, unless confirmed at a general meeting called for the purpose, shall have effect only until the next annual meeting of the company. Directors shall not declare a dividend when the company is insolvent or which renders the company insolvent or reduces the capital stock.

In case a by-law authorizing the same is sanctioned by a vote of not less than two-thirds in value of the shareholders at a general or special general meeting to be called for the purpose, the directors may borrow money upon the credit of the company, and issue the bonds, debentures or other securities of the company, and may sell the same at such prices as may be deemed expedient or necessary.

IV. CAPITAL STOCK:

The capital stock of the company shall not exceed one hundred thousand dollars. When the whole of the stock has been subscribed and fifty per cent thereon paid up, but not sooner, the directors may make a by-law for increasing the capital to any amount which they may consider requisite, not exceeding one million dollars, but no by-law for increasing or decreasing the capital stock shall have any force or effect until sanctioned by a vote of at least two-thirds in value of the shareholders at a gen-

meeting duly called for considering the same and it shall afterward be confirmed by supplementary letters patent.

Books must be kept wherein are entered all transfers of stock as presented to the company, with the date and other particulars of each transfer. The directors may refuse to allow the entry in such book of any transfer of stock whereon any call has been made which has not been paid in.

V. CALLS:

The directors may call in all subscribed stock in such manner as the letters patent or by-laws of the company may require or allow. Interest at six per cent is added to unpaid calls, from date fixed for payment. Not less than ten per cent shall be payable within one year from incorporation. The company may enforce payment of calls by action in any competent court, or the directors may summarily forfeit any shares for non-payment, and the same shall thereupon become the property of the company. Shares shall not be transferable until all unpaid calls are fully paid, or until declared forfeited; and no shareholder, in default for non-payment of calls, shall be entitled to vote at any meeting of the company.

VI. LIABILITIES:

Each shareholder, until the whole amount of his stock is fully paid up, shall be individually liable to the creditors of the company; but shall not be liable as such for any act, default or liability whatsoever of the company; or for any claim, engagement, payment or other matter or thing relating to or connected with the company beyond the unpaid amount of his respective shares in the company. Trustees or mortgagees of stock or persons holding stock as collateral security shall not be personally subject to liability as shareholders.

Directors for service performed for the company while holding such office, shall be jointly and severally liable for the wages of all servants, laborers and apprentices, excluding the officers of the company, not exceeding in amount the value of such for one year.

VII. CONTRACTS:

All contracts, agreements, engagements or bargains made, and every bill of exchange or promissory note drawn, accepted or indorsed on behalf of the company by any agent, officer or servant in accordance with his powers under the by-laws of the company, or otherwise, shall be binding upon the company, and in no case shall it be necessary to affix the seal of the company.

VIII. REPORTS:

Every company shall on or before the first day of February in each year make a duplicate list showing: 1. Names, addresses and callings of all shareholders on the thirty-first day of December preceding, with the number of shares held by each. 2. The names and addresses of the directors, secretary and treasurer of the company. 3. The amount of the capital stock and the number of shares into which it is divided. 4. The number of shares subscribed for and taken from commencement of business to December 31st preceding said report. 5. The amount of stock issued free of call, if any. 6. The amount of stock issued subject to call. 7. The amount of calls made on each share. 8. The total amount of calls received. 9. The total amount of calls unpaid. 10. The total amount of shares forfeited. 11. The total amount of shares which have never been allotted or taken up. 12. The total amount for which shareholders are liable in respect of unpaid stock respectively.

The said list must be verified by the oath of the president and secretary, and one copy posted up in the company's head office in Manitoba and the other deposited in the Department of Agriculture and Immigration.

MINING.

I. TITLE:

The absolute title to all the vacant and unsurveyed lands in Manitoba and the North-West Territories of Canada is vested in the Crown, represented by the Government of the Dominion of Canada, and all mining rights and locations in the Province of Manitoba are regulated and controlled by the Department of the Interior at Ottawa and by an officer known as the Superintendent of Mines, resident at Calgary, N. W. T. Patents of lands may or may not cover the mineral rights. In many cases such rights are reserved. Although the practice at the present time is to make all Crown grants absolute and unconditional, and to cover both surface and mineral rights.

All communications respecting mining and the regulations affecting same, in Manitoba, should be addressed to the Minister of the Interior, Ottawa, Ontario; to H. H. Smith, Commissioner of Dominion Lands, Winnipeg, Manitoba, or to William Pearce, Superintendent of Mines, Calgary, N. W. T.

II. PROSPECTING:

Any person may explore vacant Dominion lands within the Province of Manitoba not appropriated or reserved by government for other purposes, and may search therein, either by surface or subterranean prospecting, for mineral deposits (with the exception of coal), with a view to obtaining a mining location for the same; but no mining location or claim shall be granted until actual discovery has been made of the vein, lode or deposit of mineral or metal, within the limits of the location or claim.

III. LOCATION AND RECORD:

A location of mining, except for iron, on veins, lodes or ledges of quartz shall not exceed fifteen hundred feet in length and six hundred feet in breadth.

In placer mining, the size of the claim is as follows: 1. For "bar diggings" a strip of land one hundred feet wide at high water mark and thence extending into the river to its lowest water level. 2. "Dry diggings," one hundred feet square. 3. "Creek and river claims," one hundred feet long, measured in the direction of the course of the stream, and extending in width from base to base of the hill or bench on each side; but when the hills or benches are less than one hundred feet apart, the claim may be one hundred feet square. 4. "Bench claims," one hundred feet square. 5. Every claim on the face of any hill and fronting on any natural stream or ravine shall have a frontage of one hundred feet, drawn parallel to the main direction of said stream or ravine, and shall be laid out as nearly as possible in the manner prescribed for quartz mining locations. If any person or persons discover a new mine and such discovery shall be established to the satisfaction of the agent, claims of the following size in dry, bar, bench, creek or hill diggings shall be allowed to the discoverers: To one discoverer, three hundred feet in length; to a party of two, six hundred feet in length; to a party of three, eight hundred feet in length; to a party of four, one thousand feet in length, and to each member of a party beyond four in number a claim of the ordinary size.

The Minister of the Interior may grant a location for the mining of iron not exceding one hundred and sixty acres in extent, which shall be bounded by due north and south, and east and west lines; and its breadth and length shall be equal. The regulations relating to quartz and placer mining shall in all cases, when applicable, govern iron locations.

Any person having discovered a mineral deposit (except of coal), may enter a mining location on the same; and in order so to do shall: 1. Mark the location on the ground by placing four wooden posts, one at each corner, driven at least eighteen inches into the ground, or built or supported by a mound or cairn of stones, at least three feet in diameter at its base and eighteen inches high, and showing that length above it. On the northeast angle post he shall mark legibly, with a cutting instrument or with colored chalk, his name in full, the date, and the letters "M. L., No. 1"; and on the southeast, southwest and the northwest angle posts the number of each in the order given, the letters "M. L.," and his initials.

2. He shall within sixty days thereafter file with the agent for Dominion lands of the district within which the location is situated a declaration under oath, which may be taken before the agent or a justice of the peace, or a commissioner for taking affidavits, setting forth the circumstances of his discovery and the locality and dimensions of the location as nearly as may be, and shall with such declaration pay the agent the entry fee of five dollars.

The agent shall grant a receipt to such claimant, which shall authorize him or his representatives or assignees to enter into possession of the location and subject to its renewal from year to year during the term of five years, to take therefrom and dispose of any mineral deposit, provided that during each of the five years after the date of such receipt, he expends at least the sum of one hundred dollars in actual mining operations on the claim.

An applicant who has otherwise complied with the requirements of the regulations may be able to obtain an entry for a location, upon his making affidavit that from indications he verily believes that petroleum exists in the location applied for; the location, however, not to be sold to the applicant within the period of five years from the date of entry prescribed by the regulations, unless he can in addition to the said prerequisitions aforesaid, furnish proof to the satisfaction of the Minister of the Interior that he has at least one oil well in operation thereon and is producing therefrom petroleum in paying quantities; provided: that if at the end of five years he cannot furnish such proof the entry shall be cancelled.

IV. PURCHASE:

The claimant may at any time before the expiration of the five years purchase the location at the rate of five dollars per acre cash, after filing with the agent proof that he has expended not less than five hundred dollars in actual mining operations on the same. On making the application to purchase, he shall deposit with the agent fifty dollars for the survey of the location by the government; and upon the receipt by the Surveyor-General of the plans and field notes, and his approval thereof, a patent shall issue to the claimant. Priority of discovery

shall not in all cases give the right to acquire if the original discoverer has failed to comply with the government regulations, but the first discoverer shall in all cases be entitled if he can prove possession by demarcation in the manner prescribed.

No more than one location shall be granted to any individual on the same lode or vein, or in the same locality, but any number of locations may be had by purchase.

V. ABANDONMENT:

A claim shall be deemed abandoned when the same shall have remained unworked on working days, by the grantee thereof, for seventy-two hours, unless good cause be shown or unless the grantee is absent on leave. The agent in each district shall declare the close season, and each holder of a mining location or a grant for placer diggings shall be entitled to suspend work thereon during such close season. The agent may grant leave of absence pending the settlement of disputes, or where there is insufficiency of water. The Superintendent of Mines may also grant leave of absence for one year, upon satisfactory proof that the miner has expended at least two hundred dollars on his location without any return of gold or other minerals in reasonable quantities for such expenditure.

VI. ASSIGNMENT:

An assignment of the right to purchase a mining location shall be indorsed upon the back, and the execution thereof attested by two disinterested witnesses. Upon the deposit of such receipt or certificate with the agent, accompanied by a fee of two dollars, the agent shall give to the assignee a certificate which shall entitle the assignee to all the rights and privileges of the original discoverer in respect of the claim assigned. All assignments must be unconditional and executed strictly in accordance with the regulations.

VII. DISPUTES:

The Superintendent of Mines shall hear and determine all disputes in regard to mining property, subject to an appeal by either of the parties to the Commissioner of Crown Lands at Winnipeg.

No forms of procedure are necessary, but the complaint must be reduced to writing, and a copy served on the opposite party not less than seven days before the hearing. The complaint may be amended at any time by leave of the Superintendent of Mines. A bond fee of twenty dollars shall be deposited by the complainant at the time of filing his complaint, which shall be returned to him if he succeeds, but not otherwise. If the decision of the Superintendent of Mines is appealed from, a notice to that effect must be drawn up, stating the grounds of such appeal, and filed with the Superintendent of Mines not more than three days after his decision is communicated to the parties interested; and a bond fee of twenty dollars deposited with the agent at the same time, which will be returned to the appellant if successful, but not otherwise.

VIII. COAL LANDS:

Lands containing anthracite coal are sold at twenty dollars per acre; and coal other than anthracite at ten dollars per acre, cash; or they may be sold at public competition, if the Minister of the Interior shall so decide. Not more than three hundred and twenty acres may be sold to one applicant.

The minister may grant permission to prospect for coal for a period of sixty days on any single piece of land not exceeding three hundred and twenty acres in extent. The person to whom such permission to prospect is given shall within one month thereafter commence operations and carry on the same, continuing throughout the remainder of the period, and shall expend not less than two dollars per day from the time of commencement; such permission to become void if operations cease for one week. The Minister of the Interior may on application extend the time limited for prospecting.

If the lands be not included in any surveyed township, the applicant shall stake out the same by placing at each angle or corner a stake or post four inches square and standing not less than four feet above the ground, and on each post he shall inscribe his name and the angle represented thereby, thus: "A. B. N. E. corner," or as the case may be; and with his application he shall forward to the Minister of the Interior, a map or sketch of the land as staked out, specifying metes and bounds, and showing thereon the best information in his power respecting the same; and all boundaries so staked out shall be due north and south and east and west lines, and the length thereof shall not exceed twice the breadth.

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF MARYLAND.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by GEORGE E. LOWEREE, Attorney-at-Law, Fidelity Building, Baltimore, Maryland.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

No estate of inheritance or freehold, declaration or limitation of use, or estate above seven years shall pass or take effect unless the deed conveying the same shall be acknowledged before some one of the following officers:

If acknowledged in the county or city within which the real estate or any part of it lies, the acknowledgment may be made before either a justice of the peace for such city or county, a judge of the Orphans' Court of such county or city, a judge of the Circuit Court for the county, a judge of the Supreme Bench of Baltimore City, or a notary public.

If acknowledged within the State, but out of the county or city wherein the real estate or any part of it lies, such acknowledgment may be made before a notary public, any judge of the Circuit Court for the circuit in which the grantor may be, any judge of the Orphans' Court for the county in which the grantor may be, any judge of the Supreme Bench of Baltimore City, or any judge of the Orphans' Court of said city, or any justice of the peace for the county or city where the grantor may be at the time of the acknowledgment, the official character of the justice being certified to by the clerk of the Circuit or Superior Court under his official seal.

If acknowledged without the State, but within the United States, the acknowledgment may be made before either a notary public, a judge of any court of the United States, a judge of any court of any state or territory having a seal, or a commissioner of this State to take acknowledgments of deeds.

If acknowledged without the United States, the acknowledgment may be made before either any minister, consul-general, consul, deputy consul, vice-consul, consular agents or consular officer of the United States, or any notary public, or a commissioner of this State to take acknowledgments of deeds.

The certificate of acknowledgment may be indorsed or annexed to the deed, and it must contain: 1. The name of the person making the acknowledgment. 2. The official style of the officer taking the acknowledgment. 3. The time when it was taken. 4. A statement that the grantor acknowledged the deed to be his act, or made an acknowledgment to the like effect. ("VIII. Deeds.")

Any corporation may acknowledge any deed which such corporation has the power to make, by attorney, appointed by such corporation under the seal thereof, and such appointment may be embodied in the deed.

II. ALIENS:

Aliens, not enemies, may take and hold lands, tenements and hereditaments acquired by purchase, or to which they would, if citizens, be entitled by descent; and may sell, devise or dispose of the same, or transmit the same to their heirs, as fully and effectually and in the same manner as if by birth they were citizens of this State.

III. ASSIGNMENTS:

The assignee of any judgment, bond specialty or other

those in action for the payment of money, or any legacy or distributive share of the estate of a deceased person bona fide entitled thereto, by an assignment in writing, signed by the person authorized to make the same, may by virtue of such an assignment maintain an action or issue an execution in his own name against the debtor therein named, in the same manner as the assignor might have done before the assignment. Any defendant may make the same legal or equitable defenses as might or could have been had or maintained against the assignor at the time of such assignment and before notice thereof, and to the same extent.

Every trustee to whom any estate, real, personal or mixed, shall be limited or conveyed for the benefit of creditors, or to be sold for any other purpose, shall file with the clerk of the court in which the deed or instruments creating the trusts may be recorded, a bond in such penalty as the clerk may prescribe, being as nearly as can be ascertained double the amount of the whole trust estate; and with sureties, to be approved by the clerk, conditioned for the faithful performance of the trust reposed in such trustee, which bond shall be retained and recorded in the office of said clerk; but when the sale is to be made in a contingency, no bond need be given until the contingency happens. No title shall pass to any trustee until such bond shall be filed and approved as aforesaid; and no sale made by any such trustee, without such bond, shall be valid to pass any title to such property or estate, or of real and personal property. Of real property situate partly in the county or city in which the grantor resides, and partly in one or more other counties, it shall be sufficient that a bond has been accepted and filed in the county of the grantor's residence. If the trust estate consists entirely of real estate in a county or counties other than of the grantor's residence, it shall be sufficient that a bond has been accepted and filed in the county in which the deed has been first recorded. ("XIV. Insolvency.")

IV. ATTACHMENTS:

Every person and every body corporate that has the right to become a plaintiff in any action or proceeding before any judicial tribunal in this State shall have the right to become a plaintiff in an attachment against a non-resident of this State, or against a person absconding.

Every person who does not reside in this State, and every person who absconds may be made a defendant; and any corporation not chartered by this State, or any corporation chartered by this State but not having the president or a majority of the directors or managers thereof residing in this State, may be made a defendant, as other non-residents.

Any person secretly removing himself from his place of abode, with intent to evade payment of his debts, or to injure or defraud his creditors, may be considered as having absconded, and an averment in the oath of the plaintiff against a person as having absconded is a sufficient proof of such conduct.

Before attachment can issue, the plaintiff must produce the bond, account or other evidence of debt, and make affidavit before any officer having authority to take acknowledgments that the debtor is indebted in the amount claimed, over and above all discounts; also that he knows or is credibly informed and verily believes that the debtor is not a citizen of this State, and that he doth not reside therein, or if the debtor resides in this State, that he doth know or is credibly informed and verily believes that the said debtor hath absconded. The affidavit may be made by the creditor or one of them, where there are more than one, or by his or their agent; by the president, cashier or other officer of a corporation; by any executor or administrator; by the guardian of an infant, or the infant himself; by the husband of a feme covert, or committee of a lunatic.

The attachment issues against the lands, tenements, goods, chattels and credits of the debtor, upon making the affidavit, and producing the proofs of same before the clerk of the court when said affidavit is not made before him, and there issues at the same time a writ of summons against the defendant, with a copy of the short note or declaration expressing the cause of action. Any kind of property or credits belonging to the defendant, in the plaintiff's own hands or in the hands of anyone else, may be attached, and credits may be attached which shall not then be due. Money may be attached.

Proceedings by attachment are authorized in the following cases, upon the conditions and in the manner provided: Before any such writ of attachment shall be issued, the plaintiff or some person in his behalf shall make an affidavit before the clerk of the court from which said attachment shall issue, or before some officer authorized by the laws of the State of Maryland to take affidavits.

After issuing an attachment as above, the clerk shall take from the plaintiff or some person on his behalf a bond to the State of Maryland, with security to be approved by said clerk, in double the sum alleged to be due, conditioned for satisfying all costs which may be awarded to such defendant or defendants, or any other persons interested in the proceedings, and all damages which the said defendant or defendants or any other persons interested in the proceedings shall suffer because of the wrongful suing out of said attachment. Every attachment issued without a bond and affidavit is declared to be illegal and void, and shall be dismissed.

Although the debt or obligation upon which the action is brought may not have matured, the creditor may nevertheless proceed by attachment, as heretofore provided, in the following cases: 1. When the debtor absconds. 2. When he has assigned, disposed of or concealed, or is about to assign, dispose of or conceal his property or some part thereof, with intent to defraud his creditors. 3. When he is about to abscond from this State. 4. When he has fraudulently contracted the debt or incurred the obligation respecting which the action is brought; or, 5. When he has removed or is about to remove his property or some portions thereof out of this State, with intent to defraud his creditors. The date of maturity of the debt or obligation shall be set forth in the affidavit upon which the attachment is to issue, and the plaintiff shall not be entitled to judgment either in the short note or in the attachment case until after the maturity of the debt or obligation.

When two summonses have been returned non est against the defendant in any of the courts of law of this State, the plaintiff, upon proof of his claim as hereinbefore required, shall be entitled to an attachment, and the judge of the court where such action is pending shall order such attachment to issue, and the same proceedings shall be thereupon had as in attachments issued against absconding debtors.

Attachments on judgments or decrees by way of execution may be obtained against the lands, tenements, goods, chattels and credits of the defendant in the plaintiff's own hands or in the hands of any other person, which attachment shall contain the clause of scire facias required in an attachment against a non-resident or absconding debtor.

No attachment of the wages or hire of any laborer or employe in the hands of the employer, whether private individuals or bodies corporate, shall affect any salary or wages of the debtor which are not actually due at the date of the attachment, and the sum of one hundred dollars of such wages or hire due to any laborer or employe by any employer or corporation shall always be exempt from attachment by any process whatever. The wages or hire of non-residents shall be subject to attachment in the same manner and to no larger extent than the wages or hire of residents.

Attachments may also be issued against non-resident or absconding debtors in cases arising ex contractu, where the damages are unliquidated, and in actions for wrongs independent of contract, upon filing a declaration setting out specially and in detail the breach of contract complained of, or the tort actually committed, verified by the affidavit of the plaintiff or some one on his behalf, and a bond similar to that required in cases of attachments on original process for fraud, the practice and pleadings conforming in all other particulars to the practice and pleadings against non-resident and absconding debtors in actions ex contractu for liquidated damages.

The plaintiff may have more than one attachment to be laid in the hands of different persons, or levied on other property or effects than that taken under the first, though the first be still outstanding, provided that but one satisfaction of the debt or demand shall be made. Where property is attached which may be claimed by a person or corporation other than the defendant, the claimant, upon filing a petition setting forth the origin and character of such claim, and establishing its validity, may recover his costs and damages for the wrong and injury done him; and upon a bond being filed by or on behalf of such claimant, in a penalty double the value of the property, the same will be discharged from the levy and surrendered to the party in possession thereof when attached.

Creditors first attaching have priority. Where garnishee fails to appear and plead, plaintiff must prove his case before judgment of condemnation nisi is made absolute.

V. CLAIMS AGAINST ESTATES:

No administrator shall discharge any claim against his decedent, otherwise than at his own risk, unless the same be first passed by the Orphans' Court granting the administration, or unless the said claim be proved according to the following rules:

The voucher or proof of a judgment or decree shall be a short copy thereof, under seal, attested and certified by the clerk of the court where it was obtained. There shall likewise be a certificate of some person authorized to administer an oath endorsed on or annexed to a statement of the debt due on such judgment or decree, that the creditor, since the death of the deceased, hath taken before him an oath "that he hath not received any part of the sum for which the judgment or decree was passed, except such part (if any) as is credited;" and if the creditor on the judgment or decree be an assignee of the person who obtained it, he must further make oath "that to the best of his knowledge or belief no other person hath received any parcel of the said sum, except such part (if any) as is credited;" and an assignee shall also produce the assignment under the hand of the assignor, and if there be more than one, said assignment shall be produced under the hand of the party.

If there be more than one creditor, the whole oath, with the other vouchers, shall be sufficient. In case of a spe-

cialty, bond, note or protested bill of exchange, the voucher shall be the instrument of writing itself, or a proved copy in case it be lost, with a certificate of the oath made as aforesaid since the death.

If the creditor on such instrument be an assignee, there shall be the same oath of the original creditor with respect to the time of each respective assignment; and in case of successive assignees there shall be the same oath taken by each with respect to the time of each respective assignment. In case of a bill of exchange, the protest and other things which would be required (if the deceased were alive) shall be necessary to justify an executor or administrator in making payment or distribution.

The vouchers or proofs of any claim on open account shall be a certificate of an oath taken by the creditor since the death, substantially as before given, and endorsed on or annexed to the account. Where the account does not exceed fifty dollars, the oath of the creditor will be sufficient, and the affidavit may be made by one of several plaintiffs, or by their agent, if all are absent from the State, or by the agent of a corporation or partnership, the person making such affidavit stating therein that he is such agent, and that he has personal knowledge of the matters therein stated, which affidavit shall be prima facie evidence of said partnership and of the persons composing the same; and when made by a person alleging himself to be a charter officer of a corporation, shall be prima facie evidence of its incorporation.

It is not considered to be the duty of an administrator to avail himself of the Act of Limitations to bar what he supposes to be a just claim; nor is he obliged to discharge any claim of which vouchers and proof are exhibited, but may reject the same; and in no case shall an order of the Orphans' Court that an account or claim will pass when paid be deemed of validity to establish such claim or account. An administrator shall pay all just claims known to him, or to each claimant his just proportion of the money then in his hands, within thirteen months from the date of his letters, or within such further time, not exceeding four months longer, as shall be allowed by the Orphans' Court; and where a claim is known to exist, the amount thereof or a proportional part may be retained, etc. No administrator is answerable for any claim of which he had no notice, provided at least six months before he makes distribution he publishes a notice in as many newspapers as the Orphans' Court shall direct, warning all persons having claims against the decedent to exhibit the same with the vouchers thereof, legally authenticated, on or before a date specified.

After claims for taxes, rent in arrears, for which a distress may be levied, judgments and decrees, all other just claims shall be on an equal footing without priority or preference.

VI. COURTS:

The judicial power is vested in a Court of Appeals, Circuit Courts for the counties, and Orphans' Courts; and for the City of Baltimore, in the Supreme Bench of Baltimore City, consisting of the Superior Court, Court of Common Pleas, Baltimore City Court (law courts), the Circuit Court, Circuit Court No. 2 (equity courts), Criminal Court, and the Orphans' Court. These foregoing are courts of record. (Const., Art. 4, Sec. 1.) Jurisdiction in certain cases is also vested in justices of the peace.

The Court of Appeals has appellate jurisdiction only, and its decisions are final, except in such cases arising under the constitution and laws of the United States, in which an appeal is given to the Supreme Court of the United States. The regular terms are the second Monday in January and the first Mondays in April and October in each year, and the sittings are at Annapolis.

The Supreme Bench of Baltimore City is composed of a chief judge and six associate judges, who are assigned respectively to the Sperior Court of Baltimore City, Court of Common Pleas, Baltimore City Court, Circuit Court, the Circuit Court No. 2, and the Criminal Court of Baltimore. The Supreme Bench sits in banco to hear motions for new trials in criminal cases, to pass upon applications for admission to practice as attorney at law, and exercises a supervisory jurisdiction over the several courts of Baltimore City.

The Superior Court, Court of Common Pleas, and Baltimore City Court have concurrent jurisdiction in all civil common-law cases, except that exclusive jurisdiction is conferred upon the Court of Common Pleas in cases of insolvency, and upon the Baltimore City Court in cases of appeals from justices of the peace.

The Circuit Court and Circuit Court No. 2 have concurrent jurisdiction in equity, but not in applications for the writ of habeas corpus in the case of persons charged with criminal offenses.

The Circuit Courts for the several counties are the highest common-law courts of record and original jurisdiction within this State, and each has full common-law powers and jurisdiction in all civil and criminal cases within its county. As courts of equity they shall be deemed and taken to be always open for the transaction of business therein. The several regular terms of said courts for the return of process and other practical purposes shall be of two months' duration, and shall commence in the counties on the first Mondays of January, March, May, July, September and November of each year. (In Baltimore City the terms commence on the second Monday instead of the first.) (See Art. 16, Sec. 117, Code Public General Laws, and Chap. 424, Acts of 1890.) Process to compel appearance may be made returnable on the first or second Monday (as the case may be) of the ensuing month. (Art. 16, Sec. 121, Code Public General Laws.)

The Orphans' Courts of Baltimore City and of the several counties have full power to take probate of wills, grant letters testamentary and of administration, direct the conduct and settle the accounts of executors and administrators, superintend the distribution of the estates of intestates, secure the rights of orphans and legatees, and to administer justice in all matters relative to the affairs of deceased persons. (Art. 93, Sec. 230, Public General Laws.) They also have full power, authority and jurisdiction to examine, hear and decree upon all accounts, claims and demands existing between wards and their guardians; and between legatees or persons entitled to any distributive share of an intestate's estate, and executors and administrators; and may enforce obedience to and execution of their decrees in the same ample manner as the courts of equity.

The civil jurisdiction of justices of the peace extends to all cases for the enforcement of contracts, to obtain redress for wrongs, and to suits on bonds, actions of replevin, attachment against non-resident and absconding debtors, where the amount involved does not exceed one hundred dollars, and other cases of attachment. (Art. 9, Sec. 35. See "IV. Attachments." Art. 52, Sec. 6, Code Public General Laws.) Also they have no jurisdiction in cases where the title to land is involved, nor in actions for slander, for breach of promise to marry, or to enforce any lien for work done or materials furnished. Their jurisdiction extends to cases where administrators are parties, plaintiff or defendant, except that no administrator can be sued before a justice within twelve months of the date of his letters, or within three months in Baltimore City. (Chap. 619, Acts of 1892.) In cases where the amount involved exceeds the sum of fifty dollars, the Circuit Courts for the counties have concurrent jurisdiction with the justices.

VII. FEES:

Acknowledgment before notary public	$ .62½
" " justice	.30
Attachment and Appeal: Contingent; costs of court as taxed by clerks.	
Commencement of suit in Justice Court and courts of record: Contingent; no fees required in advance.	
Incorporation:	
Recording certificate, per 100 words	.10
Acknowledgments	1.50
Mandamus: Contingent; costs of court.	
Probate	.75
Protest	2.00
Record: Per 100 words	.10
Sheriff: Contingent.	
Transcription: per 100 words	.10
Witness:	
In Circuit Courts, per day	1.00
In Justice " " "	.33

VIII. DEEDS:

All deeds conveying real estate, which shall contain the names of the grantor and grantee, or bargainor and bargainee, a consideration in cases where a consideration is necessary to the validity of a deed, and a description of the real estate sufficient to identify the same, and the interest or estate intended thereby to be conveyed, with a reasonable certainty, shall be sufficient, if executed and acknowledged as required by law, and duly recorded within the time fixed by law.

Every deed conveying real estate shall be signed and sealed by the grantor and attested by at least one witness, a scroll seal being sufficient. No separate examination is required in the case of married women.

Deeds must be recorded within six months from date, in the county or city in which the land lies, and where it lies in more than one county, or in the city of Baltimore and a county, they must be recorded in the several counties and said city in which the land lies. Every deed of real property, when acknowledged and recorded as directed, takes effect, as between the parties thereto, from its date.

Where there are two or more deeds conveying the same lands or chattels real, the deed or deeds which shall be first recorded according to law shall be preferred, if made bona fide and upon good and valuable consideration. This applies to all deeds of mortgage, and to all other deeds or conveyances to the validity of which recording is necessary.

No words of inheritance are necessary to create an estate in fee simple, but every conveyance of real estate shall be construed to pass a fee simple estate unless a contrary intention shall appear by express terms, or be necessarily implied therein. The word "grant" in a deed is sufficient to convey the whole interest and estate of the grantor, and the words "bargain and sell" are sufficient in a bill of sale or mortgage of personal property.

(Art. 21, Code Public General Laws.) No estate of in

heritance or freehold, or any declaration or limitation of use, or any estate above seven years, shall pass or take effect unless the deed conveying the same shall be executed, acknowledged and recorded as herein provided; and all such deeds shall be acknowledged. Any unmarried woman between eighteen and twenty-one years of age shall have power to make a deed of trust of her property, real, personal or mixed, provided the same shall be approved and sanctioned by a court having equity jurisdiction in the city or county where the grantor resides, upon the petition of the said grantor, and such proof as the said court in its direction may require. (Chap. 210, Acts of 1898. See title "Acknowledgments.")

A power of attorney authorizing an agent or attorney to sell and convey any real estate shall be attested and acknowledged in the same manner as a deed, and recorded with the deed executed in pursuance of such power. The person executing a deed as agent or attorney must describe himself in and sign the deed as agent or attorney.

Any bond, writing obligatory, or contract for the conveyance of real estate, or any interest of, in or relating to real estate, or for the leasing or demising of real estate for any term of years, may be executed, acknowledged and recorded in the same manner as are deeds.

IX. DEPOSITIONS:

Commissions for taking the testimony of witnesses residing beyond the limits of this State, to be used in the law and equity courts, may be issued by the respective clerk of the court in which such testimony is desired. The commissioners may be agreed upon by the parties, or they may agree upon one commissioner; otherwise either party may enter on the docket a motion for a commission to be issued to two persons named in said motion, and unless the opposite party shall name as commissioners on his behalf two other persons, within ten days after service of a copy of said motion, a commission will be issued to the two persons named. If the party served names to commissioners, each party may strike out the name of one from the two named by the other; or if either party neglects to strike, the court will strike for him, and the commission will issue to the two remaining commissioners.

The parties have a right to be present at the execution of a commission, and to reasonable notice of the time and place, but they may agree to dispense with such notice, and the witnesses may be examined on interrogatories annexed to the commission. In the latter case, the party asking for the commission, and before taking out the same, must file his interrogatories and serve a copy of the same on the opposite party, who must, within ten days, file cross-interrogatories, and also interrogatories for the witnesses proposed to be examined on his part. Copies of all such interrogatories and cross-interrogatories shall be annexed to the commission, and the examination shall be limited to the same and to the witnesses named therein. The carriage of the commission is entrusted to the party applying therefor, and he will be held responsible for the return thereof, which should be within thirty days. Several commissions may issue for the examination of witnesses in different places.

In addition, the testimony of non-resident witnesses may be taken by either party to any case in any court of this State, or before any justice of the peace of this State, upon giving notice of not less than five days to the opposite party of the time and place, when and where, the testimony of such non-resident witnesses is proposed to be taken, and the name of the commissioner, notary public, or justice of the peace before whom the same is proposed to be taken, together with the names of the witnesses proposed to be examined. The deposition of any such witnesses taken pursuant to such notice, signed by such and duly certified by the officer taking the same, under his hand and seal, shall be admitted as evidence at the trial of the case, as fully to all intents and purposes as if the same had been taken under a commission. The parties may dispense with formal notice of time, place, name of officer, etc., and by agreement provide for the taking of such depositions. (Art. 35, Sec. 16, Code Public General Laws.)

X. DESCENT:

If any person seized of an estate in lands, tenements or hereditaments lying in this State, in fee simple or fee simple conditional, or of an estate in fee tail general, shall die intestate thereof, such lands, tenements or hereditaments shall descend in fee simple in the following order: To the child or children and their descendants, if any, equally. If no child of descendant, and the estate descended to the intestate on the part of the father, then to the father. If no father living, then to the intestate's brothers and sisters of the blood of the father, and their descendants, equally. If no brother or sister or descendant from such brother or sister, then to the paternal ancestry and descendants of such, equally. If none such living then to the maternal ancestry and descendants thereof in each degree equally. If no paternal ancestor or descendant from such ancestor, then to the mother of the intestate. If no mother living, then to the maternal ancestry and descendants thereof in each degree, equally.

If the estate descended to the intestate on the part of the mother, and the intestate shall die without any child or descendant, then the estate shall go to the mother. If no mother living then to the intestate's brothers and sisters of the blood of the mother and their descendants in equal degree equally, then to the maternal male ancestry and descendants thereof in each degree equally.

If no such maternal ancestor as aforesaid, or descendant from any maternal ancestor, then to the father of the intestate. If no father living, to his descendants in equal degree, equally. If no father living or descendant from the father, then to the paternal ancestors and their descendants, in the same manner as hereinbefore directed as to the maternal ancestors.

If the estate shall be vested in the intestate by purchase, or shall descend to or vest in the intestate in any other manner than hereinbefore mentioned, and if there be no child or descendant of such intestate, then the estate shall descend to the brothers and sisters of such intestate of the whole blood, and their descendants in equal degree equally; failing these, to those of the half blood; thereafter to the father, mother, grandfather on the part of the father, descendants of such grandfather in equal degree, equally; and failing such grandfather, to the maternal ancestry, ad infinitum. (See Art. 46, Code P. G. L.)

XI. EXECUTIONS:

On all judgments or decrees in any court of law or equity, and on all judgments of justices of the peace recorded in the clerk's office of any court of law, an execution or attachment may issue out of such court or by the clerk thereof at any time within twelve years from the date of the judgment or decree.

In case of the death of a plaintiff, his executor or administrator may be made a party, and have execution or attachment, and in case of marriage of a female plaintiff, she may upon proper suggestion of the marriage, have execution or attachment in her new name; and in case of death or marriage of defendant, plaintiff upon proper suggestion of such death or marriage, may have execution or attachment against defendant still living, and at any time before the expiration of twelve years the plaintiff may have the writ of scire facias to renew or revive said judgments. ("XII. Exemptions.") Art. 26, Code, P. G. L., Sec. 20, Chap. 114, Acts of 1892.

Upon all judgments rendered at the second term after defendant has been summoned, a stay of execution is allowed until the first Thursday of the ensuing term, with privilege of superseding same, right of appeal or writ of error after the expiration of said stay. (This applies to the counties only.) In Baltimore City, execution may issue at any time after the rendition of judgment, or on judgments by default, when extended according to law. On judgments of justices of the peace execution may issue forthwith, unless superseded. Execution may be stayed by supersedeas with security for six months.

XII. EXEMPTIONS:

One hundred dollars' worth of property of each defendant therein shall be exempt from execution issued on any judgment in any civil proceeding whatever, except on judgments for breach of promise to marry or for seduction. Defendant may select property, real or personal, to the value of one hundred dollars, to be ascertained by appraisers summoned and sworn by the officer at the time of levying the execution. All wearing apparel; mechanical text books, and books of professional men; tools of mechanics; and all tools or other mechanical instruments necessary to the practice of any trade or profession, shall be exempt from execution in addition to the property hereinbefore exempted; not to apply to books, tools, mechanical instruments or appliances kept for sale or barter.

Exemptions enumerated do not impair the lien of any vendor for the purchase money of land, nor of any mortgagee, nor of any mechanic or other person, for any debt contracted for or in aid of the erection of any building, nor do they apply to any levy for non-payment of taxes, or to any persons except actual bona fide residents of Maryland. A defendant may, however, waive his claim to exemption in an original contract or cause of action or by subsequent contract in writing.

A chose in action or other intangible property cannot be taken in execution. Equitable interests in personalty may be reached by proceedings in equity, after the return of writ of execution at law.

There is no homestead exemption.

XIII. INTEREST AND USURY:

The legal rate of interest is six per cent per annum. No plea of usury is available against any legal or equitable assignee or holder of any bond, bill, note or other negotiable instrument where such assignee, endorsee, or holder shall have received the same for a bona fide and legal consideration, without notice of any usury in the creation or subsequent assignment thereof.

The penalty for usury is a forfeiture of all the excess above the real sum or value of the goods or chattels actually lent or advanced, and the legal interest on such sum or value. Usury is not a cause of action in any case where the evidence of indebtedness has been redeemed or settled in money or other valuable consideration, except that of a renewal in whole or in part of the original indebtedness.

XIV. INSOLVENCY:

Voluntary: Any person being insolvent may apply for his discharge in insolvency, by petition to the Circuit Court for the county where he resides, or to the Court of Common Pleas if he resides in Baltimore City, stating that he is insolvent, and offering to deliver up for the benefit of his creditors all his property real and personal, at the same time exhibiting a schedule of his property, and a list of the debts due from and owing to him, with the names of his debtors and creditors, and their respective places of business or residence, so far as known to him, verified by affidavit. He must also annex to said petition an affidavit that he will deliver up to such trustee as may be appointed all his property, etc. (the necessary wearing apparel and bedding of himself and family and such property as may by law be exempt from execution excepted), and that he has not at any time sold, lessened, transferred or disposed of any part of his money or other property for the use or benefit of any person; or intrusted any part of his money or other property, debts, rights or claims, thereby intending to delay or defraud his creditors or any of them; or to secure the same so as to receive or expect to receive any profit, benefit or advantage himself therefrom; always provided, that said applicant has at no time within two years previously been discharged under any insolvent law of this State.

The court will then appoint a preliminary trustee, who is required to give bond, etc., to whom the insolvent must immediately convey all his property of every kind; and all the property rights and claims of the insolvent will vest in such trustee; who is required to give due notice to the creditors of the proceedings, and to call a meeting within not less than five or more than ten days to choose a permanent trustee. At such meeting the creditors having proven their claims, elect a permanent trustee, who, upon giving bond, is vested with all such estate, property rights, etc., and the same must be conveyed to him by the preliminary trustee. The creditors may also propound to the debtor at such meeting any interrogatories touching his property, and the disposition of the same; his indebtedness; the judgments and suits against him, and as to any matter relating to his business, to be answered by him under oath to be administered by the clerk or deputy clerk.

If the proceedings are determined in favor of the insolvent, he is discharged from all debts and contracts made before the filing of his petition, which extends to all cases where he is endorser or surety. The estate of the insolvent is distributed by the court according to the principles of equity, and no creditor shall acquire a lien by fieri facias or attachment, unless the same be levied before the filing of his petition.

No deed or conveyance executed, or lien created by any banker, stock broker, merchant, manufacturer or trader being insolvent, or in contemplation of insolvency, save as hereinafter provided, shall be lawful or valid if the same shall contain any preferences save such as result from operation of law, and those for wages or salaries to clerks, servants, and employes, contracted not more than three months anterior to the execution thereof; and all preferences, with the exceptions aforesaid, shall be void, howsoever the same may be made; provided the grantor shall be proceeded against, or shall apply for the benefit of the law within four months, and shall be declared or become an insolvent under the provisions of the law. (Art. 47, Sec. 14, P. G. L., Chap. 364, Acts of 1890.)

Involuntary: Any person who shall depart from or remain absent from this State with intent to hinder, delay or defraud his creditors, or conceal himself to avoid service upon him in any action for the recovery of a debt; and any person who conceals or removes any of his property to prevent the same from being taken under legal process; or makes an assignment, gift, sale, conveyance or transfer of all or part of his estate or property, with intent to hinder, delay or defraud his creditors; or belonging to any of the classes mentioned in Sec. 14 (ante) of this article, when insolvent or in contemplation of insolvency, executes a deed or conveyance giving preferences, creates a lien making any unlawful preferences, or otherwise makes such preferences; or, belonging to the said classes, when insolvent or in contemplation of insolvency, confesses any judgment or allows any judgment to be entered against him by any connivance, or fraudulently stops or suspends payment of his negotiable paper and fails to renew payment thereof within twenty days; or, being a banker or broker, shall fail for twenty days to pay any depositor on demand lawfully made, shall be deemed to have committed an act or acts of insolvency, as the case may be; provided, the petition against him is filed within four months after the act of insolvency is committed.

Such petition may be filed by any one or more creditors the aggregate of whose claims amount to at least two hundred and fifty dollars, and should set forth the facts upon which the application is grounded, pray for process, etc., and an adjudication of insolvency, and be verified by the affidavit of petitioner, whereupon a summons issues against the debtor to show cause, etc., within not less than five nor more than ten days; and the proceedings thereafter are substantially the same as in cases of voluntary application. (Art. 47, Sec. 23, P. G. L.)

The provisions of the insolvent law apply to co-partnerships, but not to married women or corporations. By Chap. 568, Acts of 1894, deeds of trust for the benefit of creditors are not to be affected or impaired by the provisions of the insolvent law, if bona fide, and the trustee may administer the trusts created by such deeds, and make distribution under the supervision of a court of equity, notwithstanding the grantor may apply for the benefit of or be proceeded against under the insolvent law.

XV. JUDGMENTS:

Judgments of a court of record, or of a justice of the peace, if recorded, become a lien upon the real property of the defendant in the county wherein the judgment was rendered, and said lien continues for twelve years. (Chap. 114, Acts of 1890.)

In order to acquire a lien upon personal property, it is necessary to issue a writ of execution, when the lien will attach from the delivery of the writ into the hands of the sheriff.

A judgment may be made a lien in a county other than where rendered by recording in such county a certified copy of the docket entries, and if execution is desired at the same time, by sending a writ of fieri facias directed to the sheriff, with such docket entries. (Chap. 314, Acts of 1890. See "IV. Attachments.")

XVI. LIENS:

Every building erected, and every building repaired, rebuilt or improved to the extent of one-fourth its value is subject to a lien for the payment of all debts contracted for work done or materials furnished for or about the same, and if a building is commenced and not finished, the lien will attach to the extent of the work done or materials furnished. The lien is not waived by granting credit, or receiving notes or other security, the effect thereof being only to prevent the institution of proceedings to enforce the lien until the expiration of the time agreed upon. The lien extends to the ground covered by the building and to so much other ground immediately adjacent thereto, and belonging to the owner of the building, as may be necessary for the ordinary and useful purposes of such building.

Where a building is erected by a lessee or tenant for life or years, or by an architect, builder or other person employed by the lessee or tenant, the lien will only apply to the extent of interest of the latter.

If said building is erected on a lot belonging to a married woman by her husband, or some person employed by him, notice in writing to such married woman must be given within sixty days after doing the work or furnishing the materials, and if the contract for work or materials is made with any person other than the owner of the lot, or his agent, a similar notice must be given within sixty days of an intention to claim such lien.

The lien is preferred to all mortgages, judgments, liens and incumbrances which attach upon the building or grounds, subsequently to the commencement thereof, and such liens are postponed unless recorded prior to the commencement of the building.

In order to establish such lien, the claimant must file a statement of his claim in the Circuit Court for the county, or the Superior Court of Baltimore City, setting forth: 1. The names of the party claimant, the owner or reputed owner of the building, and the contractor or architect, or builder; when the contract was made by the claimant with such contractor, architect or builder. 2. The amount or sum claimed to be due; the nature of kind of work, or the kind and amount of materials furnished; and the time when the materials were furnished or the work done. 3. The locality of the building, the number and size of the stories of the same, or such other matters of description as may be necessary to identify the same. If the claim is against several buildings, the amount claimed against each must be designated. The claim must be filed within six months from the time the last work was done or materials furnished, and will expire in five years, but may be renewed by scire facias. The lien also applies to every machine, wharf and bridge erected, constructed or repaired, as well as to all boats and vessels, and will expire in cases of boats and vessels at the end of two years.

The proceedings to enforce mechanics' liens are by bill in equity for sale and distribution, or by writ of scire facias. (Art. 63, Code. P. G. L.)

XVII. LIMITATIONS:

All actions of account, assumpsit, or on the case, for injuries to real or personal property, debt on simple contract, detinue or replevin, for illegal arrest, false imprisonment, etc., must be commenced within three years from the time the cause of action accrued.

All actions on the case for words, actions of assault and battery, and wounding, etc., within one year.

All actions on bonds, judgments, or other specialty must be brought within twelve years.

If the person entitled to such action is within twenty one years of age, or non compos, the right is given to bring such action after the disability is removed; if not because plaintiff is or was a femme couvert, imprisoned or beyond the seas, or out of the jurisdiction

this State at the time of the accruement of the right, title or cause of action. (See Chap. 661, Acts of 1894.) Where a party has been kept in ignorance by fraud of the adverse party, the right to bring suit shall be deemed to have first accrued at the time at which such fraud shall or with usual or ordinary diligence might have been known or discovered.

Twenty years adverse possession gives title to land. Actions to set aside conveyances from husband to wife as creditors of the husband, must be brought within three years.

XVIII. MARRIED WOMEN:

The property, real and personal, belonging to a woman at the time of her marriage, and all property which she may acquire or receive after her marriage, by purchase, gift, grant, devise, bequest, descent, in a course of distribution, or in any other manner, shall be protected from the debts of her husband, and not in any way be liable for the payment thereof; provided that no acquisition of property passing to the wife from the husband after coverture, shall be valid if the same has been made or granted to her in prejudice of the rights of his subsisting creditors, who, however, must assert their claims within three years after the acquisition of the property by the wife, or be absolutely barred, and for the purpose of asserting their rights, claims of creditors of the husband not yet due and matured, shall be considered as due and matured. (Chap. 267, Acts of 1892.)

The property acquired or owned by a married woman shall hold for her separate use, with power of devising the same as fully as if she were a femme sole. If she die intestate, leaving children, the husband has a life estate in her property real and personal; if no children, he takes a life estate in her real property and the personal property absolutely. She may be sued jointly with her husband, on any note, bill, bond, contract or agreement which she may have executed jointly with her husband. (Chap. 284, Acts of 1890.)

Any married woman, who by her skill, industry or personal labor, shall earn any money, or other property, real, personal or mixed, shall hold the same and the fruits, increase, and profits thereof, to her sole and separate use, with power as a femme sole, to invest, re-invest, devise, bequeath, sell and dispose of the same; provided such money or property shall be liable for the payment of any claim or debt incurred by such married woman in and about the business, occupation or enterprise in which said money or other property shall be employed or invested; and for any such debts she may be sued as if she were a femme sole, and any such property may be taken in execution, to satisfy any judgment entered on such cause of action; provided, that the husband shall have the right to appear and defend in her name and no judgment shall be entered in any such suit without proof, unless by joint consent in writing of herself and husband; and provided further, that any married woman may sue in any court of law or equity, upon any cause of action in her own name, as if she were a femme sole. She may insure the life of her husband, and the policy becoming due and payable, may receive the amount for her own use free from the claims of the representatives of her husband, or his creditors.

Any married woman having arrived at the age of eighteen years, may convey her real or personal property, if her husband joins in the conveyance, whether the conveyance be absolute or by way of mortgage; and she may execute and acknowledge any deed, mortgage or bill of sale, or other instrument of writing, in the same manner as other grantors or bargainors, without any private examination or other ceremony; and she may at whatever age, relinquish her dower in any real estate by the joint deed of herself and husband, or by her separate deed. (Chap. 326, Acts of 1894.)

The husband is not liable for his wife's debts before marriage. The wife may bind herself in deeds relating to real estate or chattels real, by covenant, as if a femme sole.

XIX. MORTGAGES:

Mortgages shall be executed, acknowledged and recorded, as absolute deeds of the same interest are required to be executed, etc. No mortgage shall be valid except as between the parties, unless there be an oath or affirmation endorsed thereon of the mortgagee that the consideration in said mortgage is true and bona fide as therein set forth.

An assignment of a mortgage may be made and such assignment shall be recorded by the clerk at or near the foot of the original mortgage in a blank to be left for that purpose, and such assignment endorsed on the original mortgage, conveys to the assignee every right which the assignor possessed under said mortgage at the time of the assignment.

A release of a mortgage may be written by the mortgagee or his assignee upon the record in the office where the mortgage is recorded, and attested by the clerk; or such release may be endorsed on the original mortgage and filed with the clerk for record at the foot of the mortgage, when the same will be retained in the clerk's office and not allowed to be withdrawn. Such release may also be made by an executor or assignee under a series of assignments.

Bills of sale and mortgages of personal property are to be executed, acknowledged and recorded in like manner as deeds of real estate. Bills of sale and mortgages of personalty must, however, be recorded within twenty days from the date thereof in the county or city in which the vendor resides, but if the vendor resides out of his State, then in the county or city where the property is located. Mortgages of personal property shall be valid and take effect, except as between parties thereto, only from the time of recording, and in case of more than one mortgage, the one first recorded has preference. They may be assigned and released in the same manner as mortgages of real property. No bill of sale or mortgage of personal property shall be valid except as between the parties thereto, unless the bargainee, or vendee, or mortgagee, or some one of them, or his agent, shall make the affidavit required to be made of mortgagees of real estate, and such affidavit may be made at any time before recording and before any person authorized to take the acknowledgment of such bill of sale or mortgage. Where a bill of sale, which according to the true intent of the parties thereto is a chattel mortgage, is taken on personal property upon the payment of the debts named in said bill of sale by the vendor, it shall be the duty of the vendee to release said bill of sale or re-transfer the property mentioned therein to the vendor, which may be endorsed on the original bill of sale, and the same returned to the record office, and the release of re-transfer entered on the record book, where the bill of sale is recorded, at the end of the record thereof; or the said release or re-transfer may be made in the presence of the clerk with his attestation thereto in the record book.

XX. NOTES AND BILLS:

Negotiable paper is regulated in this State by the law merchant. Bills, drafts or notes payable at sight or at presentation are deemed to be payable on demand without grace. (Art. 13, Code P. G. L.) Bills of lading, warehouse, elevator and storage receipts are negotiable instruments. (Art. 14, Code P. G. L.)

The following are legal holidays: January 1st, New Years' Day; February 22nd, Washington's Birthday; July 4th, Independence Day; December 25th, Christmas Day; Good Friday; May 30th, Decoration Day; all days of general and congressional elections throughout the State; all special days of thanksgiving, fasting and prayer, or other religious observance, appointed or recommended by the Governor of this State, or the President of the United States; and as regards presenting for payment, or acceptance, and protesting, and giving notice of dishonor of bills, checks, drafts and notes, are to be considered and treated as the first day of the week, Sunday. When either occur on Sunday the Monday next following is treated as a holiday, and in such case paper presentable on such Monday is deemed presentable on the Saturday preceding. (Art. 13, Code P. G. L.)

XXI. SUITS:

Suits are still as at common law, though simpler forms of pleading are used. Whatever facts are necessary to constitute the ground of action, defense or reply, as the case may be, shall be stated in the pleading and nothing more. Any declaration which contains a plain statement of the facts necessary to constitute a ground of action or any plea necessary to form a legal defense, shall be sufficient without reference to mere form. (Art. 75, Code P. G. L.)

The writ of summons applies to all actions for the recovery of money, whether founded in contract or in tort. The writ of ejectment applies to all actions for the specific recovery of real property. The writ of replevin applies to actions brought for the recovery of personal property.

Amendment of the pleadings is allowed at any time before the verdict, so that the case may be tried on its real merits and the purposes of justice subserved.

XXII. TAXES:

The law provides for the assessment and taxation of all property of every kind, nature and description within this State, except the same be exempted from taxation. (Art. 81, Code P. G. L.) No person who is not assessed to the amount of one hundred dollars is required to pay any tax, and there is no poll tax. The county commissioners of the several counties, and the mayor and city council of Baltimore City are required to make the annual levy of the State taxes.

All certificates of indebtedness or evidences of debts in whatever form, made or issued by any state, territory, county, public corporation or foreign country, shall be subject to valuation and assessment to the owners thereof in the county or city in which such owners may respectively reside.

Taxes are considered in arrears on the first day of January succeeding the date of their levy, and bear interest from that date at six per cent per annum. A tax of one-tenth of the commissions of executors and administrators, and a collateral inheritance tax of two and one-half per cent is also provided for. Collection may be enforced by sale.

XXIII. WILLS:

(Art. 93, Code P. G. L.) All lands, tenements and hereditaments which might pass by deed, or which would in case of the proprietor dying intestate, descend to or devolve on his or her heirs or other representatives, except estates tail; and all goods, chattels, monies, rights, credits, or personal property of any kind which might pass by bill of sale, assignment or delivery, shall be subject to be disposed of, transferred and passed, by his or her last will. (Sec. 307.)

It is required that the person making the will be of sound and disposing mind, and capable of executing a valid deed or contract. (Sec. 309.) Males must be twenty-one and females eighteen years of age. The will must be in writing, and signed by the party making the same, or by some other person for him in his presence and by his express direction, and must be attested and subscribed in his presence by two or more credible witnesses. (See 310.)

No will is revocable, otherwise than by some other will or codicil in writing, or other writing declaring the same; or by burning, canceling, tearing or obliterating the same; by the testator himself, or in his presence and by his direction and consent. (Sec. 311.) No nun-cupative will is valid, but any soldier in actual service, or mariner at sea, may thereby dispose of his movables, wages, etc. (Sec. 318.)

Every will or other testamentary instrument made out of this State shall be held to be valid in Maryland, if the same be made according to the forms required by the law of the place where the same was made, or by the law of the place where the testator was domiciled when the same was made; or according to the forms required by the law of this State; and if the testator was originally domiciled in Maryland, although at the time of making the will, or at the time of his death, domiciled elsewhere, the said will or testamentary instrument then so executed shall be admitted to probate in any Orphans' Court of this State, and when so admitted shall be governed by and construed and interpreted, according to the law of Maryland, without regard to the lex domicilii, unless the testator shall expressly declare a contrary intention in said will or testamentary instrument. (Sec. 319, Chap. 15, Acts of 1894.)

The Orphans' Courts, and in their recess the registers of wills, are authorized to take the probate of any will, testament or codicil, whether the same relates to real or personal estate or both. (Sec. 323.) No caveat will lie after three years from probate. Wills may be deposited with the register of wills in the Orphans' Court for safe keeping on payment of a fee of fifty cents, to be kept until death of testator unless withdrawn on his order and receipt given. (Sec. 340.)

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

(Art. 23, Code P. G. L.) Corporations may be formed in this State, for the purposes specified in the general law, by any five or more persons, citizens of the United States, and a majority of them citizens of this State, or if alien, residents of this State, making oath that they bona fide intend to become citizens of the United States without unreasonable delay. Corporations for purposes not specified in the law can only be created by the Legislature.

II. ORGANIZATION:

The incorporators are required to make, sign, seal and acknowledge before some officer competent to take the acknowledgment of deeds, a certificate in writing in which shall be stated: 1. The names in full, and places of residence of the applicants. 2. The proposed corporate name of the corporation, which shall always include the name of the county or city in which it may be formed. 3. The objects or purposes for which incorporation is sought; the time of its existence, not to exceed forty years; and the articles, conditions and provisions under which it is formed. (By Chapter 557, Acts of 1894, the limitation of forty years does not apply to gas light companies, cemeteries, educational associations, universities, colleges, academies, hospitals or asylums, and they may provide for perpetual existence.) 4. The place or places where the operations of the corporation are to be carried on, and the place in this State in which the principal office of the corporation will be located. 5. The amount of capital stock (if any). (By Chapter 114, Acts of 1894, a bonus of one-eighth of one per cent on capital stock, must be paid the State, before the corporation can act, except by cemetery companies, benevolent and charitable companies, railway companies and building or homestead associations.) 6. The number of shares of stock (if any) and amount of each share. 7. The number of trustees, directors or managers, and their names, who shall manage the concerns of the corporation for the first year.

When the certificate is duly executed, it must be submitted to one of the judges of the judicial circuit within which the office of the corporation is located, if in one of the counties; or to a judge of the Supreme Bench of Baltimore City, if the principal office is in Baltimore City, for his certificate that the same is in conformity with the law. The certificate must then be recorded in the clerk's office of the County or Superior Court of Baltimore City. The persons therein named are thereupon a body politic and corporate by the name stated in the certificate, with the usual powers.

No corporation shall possess or exercise any corporate powers, except such as are conferred by law, and such as shall be necessary to the exercise of the powers so acquired.

III. LIABILITY OF STOCKHOLDERS:

Stockholders are liable under the general law to the creditors of the corporation to the extent of their unpaid subscriptions to the capital stock; but in case of safe deposit, trust, guaranty, loan and fidelity companies, etc., receiving money on deposit, or assuming obligations in this State, they are made liable to depositors and creditors for double the amount of stock at the par value, held by them in such corporation. (See Chapter 109, Acts of 1892.)

IV. FOREIGN CORPORATIONS:

All foreign corporations (except insurance companies) may do business in this State, and hold property therein. Process against them may be served on any agent or attorney. (Chapter 601, Acts of 1892.)

MINING.

I. MINING CORPORATIONS:

Corporations may be formed under the general laws for conducting any kind of mining business in this State, for selling or otherwise disposing of the products of said business where the principal office of said corporation is located in this State; for washing, dressing, smelting and otherwise preparing for and bringing to market and selling the ores of all kinds of metals; for opening and working quarries of marble, slate or other economic minerals or mineral substances in this State and for the transportation or exportation and sale thereof; and for operating petroleum, salt or other mineral springs.

The quantity of land which such corporations may hold is restricted to one thousand acres in Allegany county and five hundred acres in any other county.

Capital stock of such corporations may not exceed three million dollars, and the presence in person or by proxy of a majority in interest of the stockholders is required at business meetings. Ibid.

Under proper regulations such corporations may construct railroads with necessary appurtenances beginning at or near the mines or works and running to convenient points.

II. INSPECTION OF MINES:

Under local acts applicable to Allegany and Garrett counties, a mine inspector, appointed by the Governor, is required to make monthly inspection of mines in operation and to report annually to the Governor on the condition of said mines.

Mine owners and operators are required to keep accurate maps of workings of their mines; to provide proper means of ventilation; and generally to observe such protective regulations as obtain in other states. The mine inspector is also the inspector of weights. (See Art. 1, Sec. 196, P. L. Laws, Allegany county, and Art. 12, Sec. 145, P. L. Laws, Garrett county.)

DIGEST OF THE

Commercial and Corporation Laws OF MASSACHUSETTS.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by HERBERT L. BAKER, Attorney-at-Law, John Hancock Building, Boston, Massachusetts.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments may be made before any justice of the peace or notary public in the State; or before any justice of the peace, magistrate, notary public, or commissioner appointed for that purpose by the Governor of this State within the United States or in any foreign country; or before a minister or any consular officer of the United States in any foreign country. Where acknowledgments are taken out of the State by a justice of the peace, there should be appended a certificate of his appointment and authority made by the Secretary of State or the clerk of a court of record.

II. ASSIGNMENTS:

The insolvent law is in many respects similar to the United States bankrupt law, repealed in 1878, and has no jurisdiction over debts contracted outside the State unless the same are proved in the insolvency proceedings. But an assignment to trustee to divide property among creditors can not be avoided by attaching creditor and only to assignee in insolvency. Any person owing two hundred dollars or more may obtain relief; and any creditor to the extent of one hundred dollars or more may apply within ninety days after commission of act of insolvency for seizure and distribution of estate. Assignee is chosen by majority in value, and may be required to give bond.

Proof of debts must be substantially according to statute form: mere affidavit of indebtedness is not allowable. Original notes and bills of exchange must be annexed to proof, and in case of an open account an itemized statement must be attached. The oath may be made before a justice of the peace, notary public or commissioner. Assent of majority in number and value of creditors filed within six months from date of assignment necessary for discharge if assets do not pay fifty per cent or more, otherwise discharge is granted without such assent.

The insolvent may file an offer of composition with creditors, and will be confirmed therein if assented to by a majority in number and value of creditors, if it be for payment of not less than fifty per cent; or if less than fifty per cent, of three-fourths in number and value.

III. ATTACHMENT:

All real estate, goods and chattels not exempt, may be taken in attachment on the original writ and held as security for judgment, except that lands and tenements can not be attached in suits involving less than twenty dollars. No bond is required to make an attachment. Debtor may dissolve attachment by furnishing bond with sureties to pay judgment obtained, or value of property attached, determined by appraisement. Upon affidavit of the creditor or some one in his behalf, that he has reason to believe that the debtor intends to leave the State and has property not exempt from attachment which he does not intend to apply to the payment of plaintiff's claim, the debtor may be arrested and held to bail. Debtor against whom judgment is rendered for over twenty dollars may be subjected to sworn examination touching his property, and if he refuses to deliver up such property (not being exempt from attachment), an order for arrest will issue, and he can then apply and be examined to take the poor debtor's oath.

IV. COURTS:

Trial justices may severally hold courts within the counties for which they are appointed, and shall have original jurisdiction, exclusive of the Superior Court; and of all actions of contract, tort or replevin, where the debt or damages demanded or value of the property alleged to be detained does not exceed one hundred dollars.

Police and District Courts may in their respective counties exercise the same powers, shall have the same jurisdiction, civil and criminal, and shall perform the same duties and be subject to the same liabilities as trial justices.

The Supreme Judicial Court has original and concurrent jurisdiction with the Superior Court, in actions for recovery of debt to the amount of four thousand dollars or over in Suffolk county (Boston) and one thousand dollars or over in the other counties of the State. The Superior Court has jurisdiction where the amount claimed exceeds twenty dollars.

The Municipal Court of the city of Boston has jurisdiction concurrently with the Superior Court in the county of Suffolk, in actions where the debt does not exceed two thousand dollars, provided one or more of the defendants, or in trustee process, one or more of the persons named as trustee, resides or has his usual place of business in the county of Suffolk. The other Municipal, District, Police and Justice Courts throughout the State, as a rule, have concurrent jurisdiction up to three hundred dollars.

V. DEEDS:

In deeds where there is more than one grantor, the acknowledgment of one of them is sufficient. Deeds must be under seal, a scroll being insufficient. No subscribing witness is necessary. Release of dower must be explicity stated in deed, wife's joining in the deed merely being insufficient. Acknowledgment must be taken of all deeds, conveyances, transfers, mortgages, etc., as prescribed by statute. ("I. Acknowledgments.")

VI. EXECUTIONS:

Executions can not issue until twenty-four hours after judgment is rendered, and an original execution must be issued within one year after plaintiff is entitled to sue out the same. Executions from all courts are returnable within sixty days. There is no stay of execution except by special order of court.

VII. EXEMPTIONS:

Homestead, if recorded, to the value of eight hundred dollars. Necessary wearing apparel of family, certain specified articles of household furniture, and three hundred dollars' worth in addition thereto; library to value of fifty dollars; tools and implements, one hundred dollars; stock, one hundred dollars; boats and fishing tackle, etc., one hundred dollars; one cow, six sheep, one swine and two tons of hay; sewing machine, necessary wearing apparel, pew in church, etc.

VIII. INTEREST:

Legal rate, six per cent, which is allowed on judgments. There are no usury laws, except on loans less than one thousand dollars, and any rate may be reserved or contracted for in writing, and rate reserved in note is payable after maturity of note as before. Loans less than one thousand dollars, shall be dischargeable upon payment or tender of the sum actually borrowed and interest at the rate of eighteen per cent per annum, together with a sum for actual expenses of making the loan, not exceeding ten dollars; and all payments in excess of said rate shall be applied to discharge of the principal.

IX. JUDGMENTS:

Judgments may be entered within four days of default, but do not constitute a lien upon realty or personalty of debtor not attached on the original writ. Are not outlawed for twenty years.

X. LIENS:

Any person to whom a debt is due for materials furnished and actually used in the erection, alteration or repair of a building or structure upon real estate, by virtue of an agreement with or by the consent of the owner or his agent, shall have a lien on such building and the interest of the owner in the land upon which such building is situated. But no lien shall attach if these be purchased by a person other than the owner, unless a written notice be previously given of the intent to claim such lien. The owner of such building, if he be a person other than the party by whom or in whose behalf a contract has been made, may prevent the attaching of a lien for materials not then furnished, by a notice in writing given to the person furnishing such materials. The lien shall not avail against a prior mortgage duly recorded. A statement of a just and true account of the amount due, a description of the property and the name of the owner must be filed in the registry of deeds within thirty days

after ceasing to furnish materials; and suit must be brought within ninety days from such time.

The lien may be enforced by petition to the Superior Court, or to a lower court when the claim does not exceed three hundred dollars; and proper proceedings being had thereupon, the owner being duly summoned, and the debtor and all creditors having lien upon the estate being duly notified of such petition. Upon the establishment of a lien, a sale of the property will be ordered by the court. Any interest in property so sold may be redeemed within one year. Creditors entitled to a lien shall share the proceeds of such sale in proportion to their respective debts, but a creditor having previously attached shall be preferred. All rights to and liabilities for a lien survive. Any person entitled to a lien may pursue his common-law remedies also.

XI. LIMITATIONS:

Contracts or liabilities, express or implied and not under seal, six years. Real actions, those upon an attested note, if suit is brought by original payee or his executor or administrator; and personal actions on contracts not limited, twenty years. Part payment by the party sought to be charged or new promise to pay in writing constitutes revivor. The statute does not run against infants, married women during coverture, insane persons, those imprisoned and those absent from the State.

XII. MARRIED WOMEN:

The real and personal estate of a married woman, acquired at any time, remains her sole and separate property, not subject to the control of her husband, nor liable for his debts. Married women may carry on trade or business, make contracts, sue and be sued, in all matters relating to their separate property, and such contracts are not binding upon the husband. Wife can not deprive her husband of more than half of her personal property by will, nor can she impair his interest in her real estate as tenant by curtesy without his written consent, or of her real estate not exceeding five thousand dollars in value, and a life estate in one-half of the balance, where no issue survives her. Widow takes dower as at common law, in one-third of her husband's real estate, and if there be no issue and husband dies intestate, she takes his real estate, in fee, to an amount not exceeding five thousand dollars in value, and a life estate in one-half of the balance. If husband dies intestate and leaves no kindred, she takes the whole of his real estate in fee. Wife carrying on business on her own account must record certificate of such with the city or town clerk; neglect to do this renders her property so employed liable for her husband's debts, and renders her husband liable for her debts thus contracted.

XIII. MILLDAMS:

Milldams may be erected across non-navigable streams subject to conditions. No such dam shall be erected to the injury of any dam already existing. The height of water and the length of time which it may be kept up may be regulated by the verdict of a jury. All persons injured by flowage or otherwise may obtain compensation therefor upon petition to the Superior Court, and proceedings thereupon, the remedy so given taking the place of any common-law remedy. No milldam shall be constructed or materially altered until specifications of the proposed work have been approved by the county commissioners.

XIV. NOTES AND BILLS:

Commercial paper means negotiable paper, such as bills of exchange, promissory notes and bank checks, given in due course of business for the payment of money. It need not be payable at a bank or any fixed place. Three days of grace are allowed on all notes and drafts except those payable on demand. The drawee of a bill or draft requiring acceptance has till two o'clock p. m. on the next business day after presentment to decide whether he will accept.

Bills of exchange, drafts, promissory notes and contracts, due and payable or to be executed on Sunday or any Fast or Thanksgiving Day appointed or recommended by the Governor or by the President, first Monday of September, Christmas Day, twenty-second day of February, thirtieth day of May, fourth day of July, or on the following day when either of the four days last mentioned occurs on Sunday, shall be payable or performable upon the business day next preceding said days; and in case of non-payment or non-fulfillment may be noted and protested upon such preceding day; but the holder or holders of such obligations need not give notice of the dishonor, non-payment or non-fulfillment thereof until the business day next following the days above specified. To charge indorsers of a promissory note payable on demand, a demand made at the expiration of sixty days from the date thereof, without grace, or at any time within that term is necessary to fix liability of indorser, and shall be deemed to be made within a reasonable time. No presentment of such note to the promissor and demand of payment will charge the indorser, unless made on or before the last day of said term of sixty days. Orders and drafts for money payable within this State, in which no time of payment is expressed, shall be deemed to be payable on demand. All persons becoming parties to promissory notes payable on time by a signature in blank on the back thereof, shall be entitled to notice of the non-payment thereof the same as indorsers. Checks drawn on a bank may be paid within ten days after death of drawer.

XV. SUITS:

Civil actions in general, except those concerning land (if one of the parties live in the State), must be brought in the county where one of them lives or has his usual place of business. Where all parties are non-resident, action may be brought in any county. Attachment of property owned by defendants residing out of the State is sufficient to give jurisdiction in suit after notice published by order of court. Such notice to be given within one year from the entry of the suit. Persons commorant in the State may also be arrested on mesne process and held to bail.

XVI. TAXES:

Taxes are assessed as of the first day of May in each year, and on real estate are a lien for two years after they are committed to the collector; but the collector may sell real estate for taxes after two years have elapsed, unless the estate has been alienated prior to the giving of the notice of such sale. If not paid on demand the collector may sell after advertisement. The owner, his heirs or assigns, may redeem within two years by paying or tendering to the collector or purchaser the sum paid by him, with ten per cent interest and all necessary intervening charges; and a person having title may redeem in two years after notice if property is taxed to a person unknown, or to a tenant or occupant not owner, or wrong person or mortgagee of record. The purchaser under a tax sale, if resident in the city or town where the estate is, must record his residence or place of business. If he resides elsewhere he must appoint an agent or attorney and record such appointment.

CORPORATIONS.

I. ORGANIZATION:

Three or more persons may associate together by an agreement in writing for the purpose of forming a mining corporation with a capital of not less than five thousand dollars or more than one million dollars. In the case of quarrying corporations the capital stock shall not exceed five hundred thousand dollars. Such agreement shall set forth: 1. The name assumed. 2. The purposes for which said corporation is formed. 3. The town in which it is located (in this commonwealth). 4. The amount of its capital stock, the par value thereof and the number of shares.

The first meeting shall be called by a written notice given to all subscribers, for the purpose of temporary organization, and each subscriber shall take an equal number of shares of the capital stock unless otherwise agreed. The president, treasurer and a majority of the directors shall sign and swear to a certificate setting forth a copy of the agreement, with the names of all the subscribers thereto, and date of first meeting and adjournments thereof; and shall submit such certificate, together with the records of the association, to the Commissioner of Corporations, who shall thereupon issue a certificate of incorporation, which shall have the effect of a special charter.

II. POWERS:

Any corporation thus created may purchase and hold real estate and personal property necessary to its business, and may carry on business outside of this commonwealth, but shall not direct its operations to other purposes than those mentioned in its agreement of association. Its business, however, may be altered, added to or changed by the stockholders at a special meeting called for that purpose. Corporations may sue or maintain any action at law or otherwise in any of the courts of this State.

Roads, drains, ditches, tunnels, and railways may be established through lands of adjacent owners or over highways, upon petition to the county commissioners, proper proceedings instituted thereupon and assessment of damages for injuries to such owners.

III. OFFICERS:

The business of every corporation shall be conducted by a president, board of directors, clerk, treasurer and other officers; but no mortgage of real estate or lease for more than one year shall be given except by vote of the stockholders.

The board of directors shall consist of at least three members, one of whom shall be chosen president. The clerk shall be sworn to the faithful performance of his duties, and the treasurer shall give bond in such manner as provided in the by-laws. Stockholders may vote by proxy authorized by a writing.

IV. CAPITAL STOCK:

Stock may be transferred by a written instrument recorded in the clerk's books. The amount of the capital

stock may be increased or diminished by vote of the stockholders, subject to the provisions of the statute. (Chapter 157). Assessments may be made upon the shares not exceeding the par value thereof, and shares of members not paying assessments may be sold. The corporation shall not commence business until the whole amount of its capital stock has been paid in, and a certificate of such fact made and recorded; but conveyances of real or personal property will constitute such paying in.

V. LIABILITIES:

The president and directors shall be liable for making or consenting to a dividend by which the corporation is rendered insolvent, to the extent of such dividend; between the time of making a loan to a stockholder and the time of its repayment, to the amount of such loan; and for signing a false certificate or statement, required by law, only the persons so signing being liable.

Stockholders shall be liable: for debts contracted before the capital stock was all paid in, but only those who have not paid the par value of their shares shall be so liable; for debts existing at the time the capital stock was reduced, to the exent of such reduction; for debts existing at the time special stock is created, until the same is redeemed; for sums due operatives for services rendered within six months before demand made upon the corporation; but in all cases stockholders shall only be liable to the par value of the shares held by them. All wages due employes shall be paid weekly.

VI. REPORTS:

An annual certificate must be filed with the Commissioner of Corporations setting forth the time of last annual meeting, amount of capital stock at such time, the amount then paid in, and the assets and liabilities of the corporation; and upon failure of any corporation so to do for two successive years, the Commissioner of Corporations may apply to the Supreme Court for its dissolution. Certificates must also be filed upon an increase or reduction of the capital stock.

VII. FOREIGN AND OUTSIDE CORPORATIONS:

Provision is made for returns of foreign corporations having offices in this commonwealth. (Statutes 1882, Chap. 106; Statutes 1886, Chap. 230.)

Corporations owning mines or quarries outside of this commonwealth, or incorporated under the laws of any other state and having an office or place of business within this commonwealth, shall pay a tax of one-twentieth of one per cent upon the par value of the capital stock.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF MICHIGAN.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by R. C. FLANNIGAN, Attorney-at-Law, Norway, Michigan.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Deeds and mortgages of lands or any interest therein, situated within this State, must be witnessed by two persons, and to entitle the same to record, must be acknowledged before a judge or commissioner of a court of record, a notary public, or a justice of the peace. Instruments executed in any other state, territory or district of the United States, may be acknowledged before any officer authorized by the laws thereof to take the proof and acknowledgment of deeds, or before a commissioner appointed by the Governor of Michigan for that purpose, or before a notary public, who certifies thereto under his seal of office.

In foreign countries deeds must be executed in the presence of two subscribing witnesses, and may be acknowledged before any notary public therein, or before any minister, consul, vice consul, charge d'affaires, consular agent or commissioner of the United States resident in such foreign country or port; such proof or acknowledgment to be certified by such officer under his seal of office.

II. ALIENS:

Aliens may acquire and hold lands or interests therein by purchase, devise or descent, and such lands are held, conveyed, mortgaged or devised and descend in like manner and with like effect as if the owner was a native citizen of this State or of the United States.

III. ASSIGNMENTS:

Assignments for the benefit of creditors may be made by any debtor, but must be of all the property of the assignor not exempt from execution, and without preference. Assignee must give approved bond in double the amount of property assigned. No attachment or execution levied upon assigned property after assignment is valid to create any lien upon such property. Within ten days after receiving the trust, the assignee is required to give notice of the assignment to each creditor personally or by mail. Creditors are required to prove their claims within ninety days after notice of the assignment by affidavit, to be filed in the office of the clerk of the county where the assignor resides; or in default, the assignee or receiver distributes the estate, without reference to claims not proven. Before making a dividend, assignee shall serve, personally or by mail, on each creditor whose name appears on schedule filed, a complete list of all creditors. Proof of claim must state the actual amount unpaid and owing, the actual consideration thereof, when contracted, when due or to become due, whether any and what payments have been made thereon, that the sum claimed is justly due from the assignor to claimant, and that claimant has not, nor has any other person for his use, received any security or satisfaction whatever, other than that by him set forth. The assignee is required to file in the clerk's office a report of the condition of the estate and his doings under the assignment within three months thereafter. The assignee or receiver may contest any claim. Any creditor may request in writing, the assignee or receiver, to contest any claim, and such request operates to stay payment of any dividend on such contested claim. If the assignee or receiver refuse to make such contest, the creditor may petition the court for an order directing a contest. The Circuit Court in Chancery of the proper county has supervisory power of all matters, questions, and disputes arising under the assignment. All debts for labor have preference over all other debts which have not become a lien on the estate prior to the performance of the labor. It is made the duty of the assignee to close the trust, if practicable, within one year, but the court or judge at chambers may for good reason, on cause shown, extend the time. Notice of application for extension of time is given to the creditors, who are entitled to appear and be heard with reference thereto.

IV. ATTACHMENTS:

Process will issue on affidavit showing a debt due upon express or implied contract, or upon judgment, and either that debtor: has absconded, or is about to abscond from the State; is concealed therein to the injury of his creditors; has assigned, disposed of or concealed, or is about to assign, dispose of or conceal any of his property with intent to defraud his creditors; has removed or is about to remove any of his property out of this State, with like intent; fraudulently contracted the debt or obligation respecting which the suit is brought; or is not a resident of this State and has not resided therein for three months (where process is issued from Circuit, or one month where process is issued from Justice Court) immediately preceding the time of making such affidavit; or that the debtor is a foreign corporation. Upon showing reasons satisfactory to the Circuit judge, and on obtaining his order therefor, attachment may issue for a debt not due. Actions of tort against non-residents may be commenced by attachment where the cause of action arises in this State; or where the cause of action accrued while the

plaintiff was a bona fide resident of this State, upon filing an affidavit describing the cause of action, and showing the defendant to be a non-resident or foreign corporation, that the cause of action arose in this State, or accrued to the plaintiff while he was a bona fide resident thereof; and that defendant is carrying on business in the State, or owns property therein.

Garnishee process may issue from any court in which the original suit is commenced, and in such proceeding, indebtedness to the principal defendant, or property in the hands of a fraudulent transferee, or property of any kind subject to execution in the garnishee's hands, may be reached for the satisfaction of any judgment recovered in the suit, but money owing for the personal labor of a householder having a family, to the extent of twenty-five dollars, is exempt. The garnishee is liable for property received under conveyances or mortgages that are fraudulent as to creditors, and for the value of such property if disposed of by him before or after garnishment.

Male debtors may be arrested in all personal actions other than those arising on contract.

V. CLAIMS AGAINST ESTATES:

When letters, testamentary or of administration, are granted, the Probate judge may appoint two or more persons commissioners to receive, examine and adjust all claims and demands against the deceased, except where the value of the estate does not exceed the amount allowed by law for the support of the widow and children; or he may appoint a time and place for the examination and adjustment of claims before himself. For the presentation of claims to commissioners, not less than six nor more than eighteen months from the date of the commission is allowed, but the time may be extended as circumstances may require, so that the whole time shall not exceed two years. On application of a creditor who has failed for good cause to present his claim, made before the estate is closed, and payment of costs, the commission may be revived and further time, not exceeding three months, allowed for the examination for such claim, otherwise claims proper to be allowed by and not presented to the commissioners or the court after notice, and within the time limited, are forever barred. Where claims are examined and allowed by the court, the same notice is required as in the case of commissioners. Counter claims and set-offs are examined and passed upon.

All actions and suits pending against deceased persons at the time of death, where the cause of action survives, may be prosecuted to final judgment, and the executor or administrator may be allowed to defend the same. A claim founded upon a joint contract of the deceased and another, or upon a judgment against the deceased and another, may be allowed as if the contract had been joint and several, or as if judgment had been taken against deceased alone.

If the assets of the estate which can be appropriated to the payment of debts are not sufficient to pay said debts in full, they are applied, after paying the necessary expenses of administration, in the following order: 1. Necessary funeral expenses. 2. Expenses of last sickness. 3. Debts having preference by the laws of the United States. 4. Debts to other creditors.

VI. COURTS:

Circuit Courts, holding from two to four terms a year in each county, have original jurisdiction in actions on contract where damages claimed amount to one hundred dollars and upward; exclusive jurisdiction in actions of tort where damages alleged exceed one hundred dollars, and appellate jurisdiction from Justice and Probate Courts.

The Superior Court of Grand Rapids has original and concurrent jurisdiction with the Circuit Courts in all civil actions where the debt or damages exceed one hundred dollars, and in which the defendants, or one of them, shall have been served with process in the city, and the parties, or one of them, reside therein.

Justice Courts have original jurisdiction where the debt does not exceed one hundred dollars, and concurrent jurisdiction with the Circuit Court where the debt does not exceed three hundred dollars, except in actions of tort, where the limit is one hundred dollars. There is a Probate Court in each county, with the usual powers.

The Supreme Court of the State is the final appellate tribunal to which all appeals from the Circuit and Superior Courts are taken, at law and in equity.

VII. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .25
Attachment: entry fee	3.00
Appeal: in addition to costs in Justice Court	4.00
Commencement of suit in Justice Court: No fee, but non-residents required to give security for costs, costs not to exceed $10 in any case, awarded to prevailing party.	
Commencement of suit in court of record: entry fee	3.00
Incorporation: County clerk, $2.00; Secretary of State	3.00
Mandamus:	
Probate: no fees except for exemplification.	
Protest:	
Record: for recording instruments, per folio	.11
Filing chattel mortgages, etc., city and township clerks	.25
Sheriff: contingent.	
Transcription: per folio	.08
Witness: Justice Court, per day	.75
Circuit Court	1.00
Mileage, each way	.10

VIII. DEEDS:

Deeds and mortgages of real estate must be recorded within the county wherein the land is situate, and if not so recorded are void as against subsequent purchasers or incumbrancers for a valuable consideration, who have not received actual notice of such deed or mortgage. Foreclosure of mortgages may be by advertisement, or in courts of equity of the county where the property is situate.

Chattel mortgages and bills of sale intended as security are absolutely void as against creditors or subsequent purchasers and mortgagees in good faith, unless the instrument or a true copy thereof be filed in the office of the clerk of the city or township where the mortgagor resides. Such mortgages made and withheld from the files are postponed to all indebtedness contracted after their date and prior to their filing. Chattel mortgages are a security merely for the debt, and give no legal title until foreclosed by sale; and such mortgages cease to be valid as against the creditors of the person making the same, or subsequent purchasers or mortgagees in good faith after one year from the filing thereof, unless within thirty days before the expiration of that time, they are renewed by filing in the same office an affidavit, showing the amount of the mortgage debt then actually due or owing. The fraudulent removal, disposition, concealment or appropriation of mortgaged chattels constitutes a criminal offense.

IX. DEPOSITIONS:

The testimony of any witness may be taken by deposition in any civil cause or matter, begun or pending in any court of record, at law or in chancery, when the witness is, or is about to go, or resides out of the State; or is about to go, or resides more than fifty miles from the place of trial; or beyond the jurisdiction of the court; or is sick, aged, or infirm; or where there is reasonable cause for apprehension that his testimony cannot be had at the trial; and in all cases where affidavits are permitted to be used in proceedings before the court; and also when it is desired to take conditionally and perpetuate testimony in suits to be begun; and in any other case when it shall appear to the court or judge thereof that the purposes of justice will be aided thereby.

Courts of record of this State have power to compel the attendance of witnesses and the giving of their testimony, and the production of books, papers and other evidences, before commissioners or persons authorized by them to take testimony, and also under commission or letters rogatory, issued out of any court of any other state, or of the United States, or of any foreign government or country. To perpetuate testimony, any person who expects to be a party to a suit, which may hereafter be commenced in any court of record, may cause the testimony of any witness material to him in such suit, to be taken conditionally, and perpetuated, under a commission issued by any Circuit Court commissioner or judge of a court of record, upon affidavit showing the necessity or reason therefor, and so far as known, the persons interested in such matter.

In all proceedings and actions, the testimony of a party or in case a corporation is a party, the testimony of the president, secretary or other principal officer or general managing agent, otherwise than as a witness on a trial, may be taken by deposition at the instance of the adverse party, at any time after the commencement thereof and before judgment.

X. DESCENT:

Lands, tenements or hereditaments, and all rights therein to, or any interests therein in fee simple, or for the life of another, not lawfully devised, descend subject to debts as follows: (1) To children and issue of any deceased child by representation; and wanting these, to all other lineal descendants, equally, if all of the same degree of kindred, otherwise by representation. (2) If husband or wife survives intestate, half to such surviving spouse, and remainder to the father and mother of intestate, equally; and if but one parent living, to survivor alone. In default of issue, or surviving spouse, estate descends to father and mother in equal shares, and if but one living then to survivor alone; and, after these, to brothers and sisters and their issue, by right of representation; final to next of kin in collateral and ascendant order, those claiming through nearest ancestor being preferred.

Degrees of kindred are computed according to the rule of the civil law, and kindred of the half blood inherit equally with those of the whole blood in the same degree, unless the inheritance come to the intestate by descent, devise or gift of some one of his ancestors, in which case all those not of the blood of such ancestor shall be excluded from such inheritance. The provision made for

the widow is in lieu of dower, unless she shall, within one year after the appointment of an administrator, begin proceedings for the assignment of her dower, in which case her interest is limited to her dower therein.

XI. EXECUTION:

May issue at once in Circuit Courts, and within five days from rendition of judgment in Justice Courts. Executions issued out of Circuit Courts are made returnable in not less than twenty, nor more than ninety days. Executions issued out of Justice Courts are returnable in sixty days. Stay of execution in Justice Courts may be obtained by giving a bond for the payment of the judgment, costs and interest, the stay allowed being four months when the judgment does not exceed fifty dollars, and six months when above that sum. Lands sold under execution may be redeemed within one year, by payment of the purchase money with interest at the rate borne by the judgment, and may be redeemed by any judgment creditor having a subsequent levy, at any time within fifteen months from the date of such sale. Executions may issue at any time during the life of a judgment. Levy on real estate ceases to remain a lien thereon at the expiration of five years from the date of levy.

XII. EXEMPTIONS:

The homestead of any householder not exceeding forty acres and the dwelling house thereon and its appurtenances, if in the country, or a house and lot in a city, town or village, the value in either case not to exceed fifteen hundred dollars. The homestead cannot be alienated or incumbered without the consent of the wife, where such relation exists, and cannot be sold by probate license to pay debts, unless appraised to exceed fifteen hundred dollars, and that amount be paid the widow or those having homestead rights therein.

Personal property exemption includes stock in trade, a team, or other things necessary to carry on the business or pursuit in which the debtor is wholly or principally engaged, to the value of two hundred and fifty dollars; and partners of a firm are each entitled to such exemption, except as against an execution for the purchase money thereof. To a householder: Ten sheep, two cows, five swine, provisions, fuel, spinning wheels, looms, stoves put up for use in dwelling, cemetery tombs and rights of burial, library and school books of every individual and family, family pictures, provisions and fuel for comfortable subsistence for six months, household goods, furniture and utensils to the value of five hundred dollars.

XIII. INTEREST AND USURY:

Six per cent. per annum is the legal rate of interest, but parties may contract in writing for a higher rate, not exceeding eight per cent. The penalty for usury is a forfeiture of all the interest, but no action can be maintained to recover back such excess after the voluntary payment of the same. A bona fide purchaser of negotiable paper is not affected by its being usurious, unless appearing on the paper. Judgments bear the same rate of interest as the instrument or contract upon which such judgment was founded.

XIV JUDGMENTS:

Are not liens until execution has been issued thereon and a levy made, and in the case of real estate, notice thereof recorded in the office of the register of deeds of the county where such lands are located. Executions may issue to the sheriff of any county in the State. Judgments can be obtained in the Circuit Court in from forty-five to sixty days, depending on return day, time of service, term of court, etc. In Justice Courts, if defendant makes default, judgment can be obtained on return day of process.

XV LIENS:

Every person who shall, in pursuance of any contract between himself and the owner, part owner or lessee of any interest in real estate, build, alter, improve, repair, erect, ornament or put in or who shall furnish any labor or material in or for building, altering, improving, repairing, erecting, ornamenting or putting in any house, building, machinery, wharf or structure; and every person who shall, as sub-contractor, laborer or material-man, perform any labor or furnish materials to the original or principal contractor or to any sub-contractor in carrying on, forwarding or completing any such contract, is given a lien therefor upon the structure and its appurtenances and also upon the entire interest of the owner, part owner or lessee in and to the lot or piece of land, not exceeding one-quarter section of land, or, if an incorporated village or city lot, not exceeding the lot or lots upon which the improvement is made, to the extent of the right, title and interest therein of the owner, part owner or lessee at the time the work was commenced or materials furnished; and also to the extent of any subsequent acquired interest. The person, firm or corporation furnishing material or performing labor is required within ten days after furnishing the first of such material or performing the first of such labor to or for any contractor or sub-contractor, to serve on the owner, part owner or lessee, or on his agent, if such owner, part owner or lessee resides in or has a known agent in the county in charge of the structure, a fairly detailed statement of the goods furnished or to be furnished or of the labor performed or to be performed, and a description of the premises where furnished. The owner, part owner or lessee will not be liable to the sub-contractors, material-men or laborers for any greater amount than he contracted to pay the original contractor, and is entitled to recoup any damages which he may sustain by reason of any failure or omission in the performance of the contract; but the risk of all payments made to the original contractor after the giving of the notice above mentioned shall be upon the owner, part owner or lessee until the expiration of sixty days, within which a claim for lien may be filed, and no payment to any original contractor made before the expiration of this sixty day period shall defeat any lien of any sub-contractor, material-man or laborer unless such payment has been distributed among the sub-contractors, material-men and laborers, or if distributed in part only, then to the extent of such distribution.

The owner may retain from any moneys due or to become due to the original contractor an amount sufficient to pay the demands of the sub-contractor, material-men or laborers, who have filed and served notice of their intention to claim a lien.

The lien is lost unless the person entitled thereto, shall make under oath and file in the office of the register of deeds of the county or counties in which the real estate, building or structure is situated, within sixty days from the day on which the last of the materials shall have been furnished or the last of the labor shall have been performed by the person claiming the lien, a true and just statement or account of the demand due him, over and above all legal set-offs, setting forth the time when such materials were furnished or labor performed, and for whom, and containing a correct description of the property to be charged with the lien and the name of the owner, part owner or lessee, if known; and shall follow up the filing of such statement by proceedings to enforce the lien, by bill in chancery, to be commenced within six months after the filing of such statement.

XVI. LIMITATIONS:

Judgments of courts of record exist ten years; of Justice Courts, six years. On accounts and notes and other simple contracts, and for all injuries to person or property, action must be brought within six years. On sealed instruments and judgments, within ten years. Part payment or promise in writing to pay constitutes revivor. Writs of error from the Supreme Court must be issued in one year after final judgment in the court below, except that the Supreme Court may grant further time, not exceeding six months. Questions of law only can be reviewed in law cases, but both questions of fact and law will be determined on appeals in equity cases. Proceedings to foreclose real estate mortgages must be commenced within fifteen years after they become due and payable, or within fifteen years after last payment on the mortgage debt. After such limitation has expired the mortgage may be discharged on application to the Circuit Court of the county where the property is situated. For the recovery of real property, action must be brought within five years where the claim arises against executor's, guardian's or sheriff's deed; or against deed of auditor-general for taxes, where the purchaser, his heirs or assigns have been in actual and undisputed possession under such tax deed for such period; in all other cases action must be brought within fifteen years.

XVII. MARRIED WOMEN:

May make contracts in respect to their own property, and may have, hold and enjoy the same, and have the same rights and remedies as though unmarried. They may carry on business in their own name with their own property by consent of their husbands. But a married woman's contract to pay, or to become liable for, or to secure payment of the debt of her husband, or other person, is voidable by her. She may, however, charge her real or personal property to secure such indebtedness, by mortgage. A mortgage upon a homestead, or other alienation thereof, is void unless signed by the wife. The widow takes as dower the use during her natural life of one-third part of all the lands whereof her husband was seized as of an estate of inheritance at any time during coverture. Mortgage indebtedness on real estate for purchase price is deducted from the value of such real estate in setting off and assigning dower.

XVIII. NOTES AND BILLS:

Negotiable promissory notes and bills of exchange, including acceptances, are "commercial paper." It is not necessary that such paper be made payable at any bank or other place. The persons primarily liable to pay must seek the holder and pay when due. If there are indorsers or drawers entitled to notice, the holder is bound to present the paper to the makers and demand payment; and, if he wishes to hold such indorsers and drawers, notice of the presentment, demand and refusal must be given them in their order, promptly, by due course of mail, or by personal service. On all bills of exchange and negotiable notes and acceptances not pay-

able on demand, three days of grace are allowed. All checks, bills of exchange or drafts drawn on any bank, are payable without grace, and it is not necessary to protest the same. In all other cases, demand, protest for non-payment and notices of protest to the indorser, at his reputed place of business or residence, are necessary to bind the indorser. Parties other than payees to paper, being such before or at its inception, are held as joint makers, and not entitled to notice of non-acceptance or non-payment.

Legal holidays: January 1st (New Year's Day), February 22nd (Washington's Birthday), July 4th, the first Monday of September (Labor Day), December 25th (Christmas Day), May 30th (Decoration Day), every Saturday from 12 o'clock noon (designated a half holiday), and any day appointed by the Governor or the President of the United States as a day of thanksgiving, all of which days are considered and treated as Sunday, and all bills, checks and notes otherwise presentable for acceptance or payment on any of these days are presentable and payable on the secular or business day succeeding such holiday or half holiday. Where a holiday falls on Sunday, the Monday following shall be considered as the holiday. When the last day of grace falls on Sunday or on a legal holiday, the day preceding is treated as the last day of grace.

XIX. SUITS:

The practice and proceedings of the courts are in accordance with the rules of common law and courts of equity in England, with some statutory modifications. Actions survive as by the common law, and in addition thereto, actions of replevin, trover, assault and battery, false imprisonment, for goods taken and carried away, negligent injuries to the person, and actions for damages to real or personal estate.

XX. TAXES:

For the purpose of taxation, real estate includes all lands within the State, and all buildings and fixtures thereon and appurtenances thereto, except such as are expressly exempted by law. Personal property includes, subject to certain exemptions by law, all moneys, annuities, royalties, goods, chattels and effects within the State; all ships, boats and their appurtenances belonging to inhabitants of this State, whether at home or abroad; all goods, chattels and effects belonging to inhabitants of and situate without the State, except property actually invested in business in another State; all credits belonging to inhabitants of this State above the amounts owed by them; all shares in corporations organized under the laws of this State when the property of such corporation is not taxable to itself, or when its personal property is not taxed; all shares in banks organized within the State, under the State or United States laws, at their cash value, after deducting the assessed value of real property assessed to such bank; all shares in foreign corporations, except national banks, owned by citizens of this State; and all buildings and improvements situate upon leased lands, except where the value of the real estate is also assessed to the lessee or owner of such buildings and improvements. Taxes become a debt against the persons assessed immediately after the assessment roll is completed, and become a lien on the real and personal estate from the first day of December of the same year. Taxes may be collected by distress and sale of the goods and chattels of the person assessed. Lands returned as delinquent for non-payment of taxes and on which taxes have remained unpaid for more than one year prior to the first day of May of the year in which their sale is ordered, may be sold under decree of the Circuit Court of the proper county, on the first Monday in December thereafter.

XXI. WILLS:

Every person of full age and sound mind, being seized in his own right of any lands, or any right thereto, or entitled to any interest therein, may devise and dispose of the same by will in writing, and may likewise bequeath and dispose of all his personal estate. Wills must be in writing, signed by the testator or by some person in his presence by his express direction, and attested and subscribed in the presence of the testator by two or more competent witnesses. No will is effectual to pass either real or personal estate unless duly proved and allowed and probated, and the probate of a will of real or personal estate as above mentioned, is conclusive as to its due execution. All beneficial devises, legacies and gifts made or given by will to a subscribing witness thereto, are wholly void, unless there be two other competent subscribing witnesses. A will is not revoked unless by burning, tearing, canceling or obliterating the same, with the intention of revoking it, by the testator, or by some person in his presence and by his direction; or by some other will or codicil in writing, executed with all the formalities of a will. Marriage does not revoke a will. A married woman is competent to make a will the same as if she were unmarried. Nuncupative wills may be made by spoken words or signs when the testator is in extremis, or overtaken by sudden and violent sickness, and has no time to make a written will, when the value of the estate does not exceed three hundred dollars. The same must be proved by two competent witnesses, and testamentary capacity and an intent to make the gift, must clearly appear. Soldiers being in actual military service, and mariners being on shipboard, may dispose of their wages and other personal estate by nuncupative will.

CORPORATIONS.

I. ORGANIZATION:

Any number of persons, not less than three, by articles in writing may organize themselves into a corporation for the purpose of engaging in and carrying on any kind of mining; or for mining and refining, smelting or manufacturing any or all kinds of ores, minerals or metals. The articles of association shall be acknowledged in duplicate by not less than three of the subscribers, and shall state the purpose for which the corporation is formed; the amount of the capital stock, which shall not be less than ten thousand dollars nor more than two million five hundred thousand dollars; the number of shares, of twenty-five dollars each; the amount of cash actually paid in; the cash value of any property, real or personal, conveyed to the corporation contemporaneously with its organization; the names of the stockholders, their respective places of residence and the number of shares held by each; the location of the business office, and if without the State, as it may be, the location within the State of its office for the transaction of business; the county or counties in the State where the business of the corporation is to be carried on; the number (not less than three nor more than nine, one of whom shall be a resident of Michigan) constituting the board of directors; the directors for the first year; and the term of existence of the corporation, which shall not exceed thirty years. Upon filing the articles with the county clerk of the county where the business office or the office for the transaction of business is located, and with the Secretary of State, and on paying the franchise tax, the corporation may lawfully commence business.

II. POWERS:

The corporation may acquire and hold any quantity of land not exceeding fifty thousand acres; subscribe for or purchase stock in any corporation formed to construct or improve any canal, harbor, plankroad or railroad, or to create, generate or manufacture any kind of power or light, when the construction, improvement, power or light is designed to facilitate the operations of the company; construct and operate boats or vessels for the transportation of its product or of general freights, and charter such boats or vessels to others; conduct its mining, manufacturing or other business in whole or in part at any place or places in the United States, or in any foreign country; conducting its business wholly at a place outside the State, subscribe for or purchase stock in any other corporation formed for the purpose of mining, smelting or manufacturing ores or minerals wholly at a place outside the State; consolidate with any other corporation organized under the same act; mortgage or sell the mine, works, real estate or franchise; convey city or village lots, or land not required for mining purposes, from which the timber has been removed, or rights of way and depot grounds for railroads; purchase and hold any grant of lands made by the general government to aid in any work of internal improvement in this State; within the limits prescribed, increase or diminish its capital stock; amend its articles of association; remove its place of business to any other place within the State; establish an office or offices (which cannot be changed within one year thereafter) for the transaction of business without the State, but within the United States, and hold any meeting of the stockholders or directors at such office; and may continue its corporate existence for a further term of thirty years beyond the time fixed by the articles, by a vote of two-thirds in interest.

III. CAPITAL STOCK:

The original corporators are not obliged to subscribe for the entire capital stock, and the portion not subscribed for may be disposed of at any time afterward by the corporation. The stock is treated as personal property, transferable only on the books of the company, and the corporation at all times has a lien thereon for all debts due from members. The directors may call in stock subscriptions by installments and may sell the stock on thirty days' notice for assessments past due sixty days; (in the case of manufacturing corporations, thirty days). The directors shall not diminish its capital so as to impair any demand or obligation due from the company; shall not withdraw or refund to the stockholders any part of its capital until all debts for which the stock would be liable have been paid, and shall not pay any dividend when insolvent, nor any dividend the payment of which would render it insolvent.

The corporation may create and issue certificates for two kinds of stock, general or common and preferred, the latter at no time to exceed two-thirds of the actual capital paid in, and shall be subject to redemption at par at a time certain to be fixed by the by-laws, and expressed

n the certificates therefor. The holder of preferred stock is no event is individually or personally liable for any orporated liability, except labor debt. If the corporation eases to do business or becomes insolvent, the preferred ock and any unpaid dividend thereon, is paid in full efore any distribution of assets among the holders of the common stock.

IV. LIABILITIES:

The stockholders in all Michigan corporations are made individually liable for all labor performed for the corporation. Any stockholder who is compelled by action to pay the labor debts of the corporation in whole or in part, may call upon all others of the stockholders to contribute their part of the sum so paid, and may sue them jointly or severally, and recover in such action the ratable amount due from the stockholder or stockholders so sued. In the case of mining corporations, the individual liability may be enforced by an action against the stockholder and corporation jointly, commenced within two years from the time when payment for such labor became due, but not afterward. In manufacturing corporations, if capital stock is withdrawn and refunded to the stockholders before payment of all debts for which such stock would have been liable, the stockholders are made jointly and severally liable to creditors to the amount of the sum refunded to him or them respectively.

If the directors shall willfully neglect or refuse to make and file the annual report, they are each made liable for all debts of the corporation; and are subject to a penalty of twenty-five dollars, and in addition thereto the sum of ten dollars for each and every secular day after the first day of March in each year during the pendency of such neglect or refusal. Neglect to give notice within thirty days thereafter to the Secretary of State and proper county clerk of the dissolution or termination of the corporation, or of the sale of its property and franchise, subjects the directors to the same penalties provided in case of neglect to make the annual report. If they declare and pay a dividend when the corporation is insolvent, knowing that fact, or that the payment of such dividend would render it so, the directors assenting thereto are made jointly and severally liable for all debts due from the corporation at the time of declaring or paying such dividend; and if the corporation shall violate any of the provisions of the act under which it is organized, the directors ordering or assenting to the violation are made jointly and severally liable for all debts contracted after the violation, to the extent of three times the amount paid on the stock standing in the name of the offending directors on the books of the company.

V. REPORTS:

The directors of every company for mining or smelting metals or ores shall annually in the month of July, and those of manufacturing companies shall annually in January make and file with the Secretary of State and the clerk of the county where its business is carried on, a report for the fiscal year of the corporation, upon blanks furnished by the Secretary of State, showing the amount of capital stock, the amount of the capital paid in, the amount invested in real and personal property, the total debts and credits of the corporation, the stockholders and their respective residences and the number of shares held by each at the date of the report, and such other information as the Secretary of State shall require.

Every corporation shall keep its books and accounts open for the inspection of the stockholders at its principal place of business, or at the office of its treasurer; and the directors thereof shall make and exhibit to the stockholders, at least once each year, a true statement of the accounts of the corporation.

Domestic corporations whose principal office is located without the State, are required to keep a list of all stockholders, showing the number of shares held by each, and a stock transfer book, at their agency or office in the State. Failure to comply with this provision will be deemed a mis-user of the charter, and work a forfeiture thereof. The provision requiring a transfer book to be so kept is not applicable to corporations organized for or engaged in mining in the Upper Peninsula of Michigan.

VI. TAXATION:

The property, real and personal, of all corporations (except railways paying specific taxes), whether foreign or domestic, is taxed for State, school and municipal purposes under the general provisions of law relating to the assessment and collection of taxes. The capital stock of such is not taxed.

Every corporation or association incorporated by or under any general or special law of this State or doing business therein, is required to pay to the Secretary of State a franchise fee of one-half of one mill upon each dollar of the authorized capital stock of the corporation, and a proportionate fee upon any and each subsequent increase thereof, the fee in no case (except on increase of capital stock) to be less than five dollars. A corporation renewing its term of existence is required to pay the full fee above mentioned. The Secretary of State is prohibited from filing or recording the articles of association of any corporation whether for the original or renewed term unless accompanied by the franchise fee.

VII. DISSOLUTION:

Whenever a majority of the directors discover that the stock and property of any corporation is so far reduced by losses or otherwise that it will not be able to pay its obligations or to afford reasonable security to those who may deal with it, or when the directors for any reason deem it beneficial to the stockholders that the corporation should be dissolved, they may apply to any court of equity having jurisdiction for a decree dissolving the corporation. Upon due notice to persons interested and hearing, the court may enter a decree dissolving the corporation and appointing a receiver with the usual powers.

The affairs of any corporation for mining, smelting or manufacturing, not actively carrying on its proper business, whose term of existence as fixed by its articles of association has expired without renewal, may be wound up on the application of any stockholder, whether his title to the stock be legal, equitable, absolute or in trust; or of any creditor whose demand is in full force and not barred by any statute of limitations. The proceeding is by bill, in the Circuit Court in Chancery of any county of this State, in which any of the real or personal property of the corporation may be situated. The court is authorized to appoint a receiver to collect and distribute among creditors and stockholders the assets of the corporation, and to finally close up its business and affairs.

VIII. FOREIGN CORPORATIONS:

Foreign corporations organized for the purpose of mining, smelting, refining or manufacturing any kind of ores or metals, upon filing copies of their charter or articles of incorporation with the county clerk of the county in this State where its operations are to be carried on, and with the Secretary of State; and appointing an agent resident in the State, for service of process, may carry on business in the State, and shall enjoy all the rights and privileges and be subject to all the restrictions and liabilities of domestic corporations organized for the like purpose.

MINING.

I. MINING OPTIONS:

Any person holding a mining option or agreement for a mining lease or license to explore or mine on lands in this State, containing a clause allowing the lessee, his personal representatives or assigns, to surrender such lease or license at any time before the expiration of the term thereof, by giving notice, has an absolute right to have such option or agreement specifically enforced, if not in default himself; and any person holding an agreement for an interest in any mining lease or license, from the lessee, is entitled to have the same specifically enforced, if not in default himself. All mining options, leases and licenses are assignable, and survive, and may be enforced by the executors, administrators, personal representatives or assigns of the party or parties, whether the option contains words of assignability or not. Mining licenses for mining ore or minerals are subject to levy and sale on execution.

II. MINING LIENS:

Every person who shall furnish or perform any labor for any corporation organized for the purpose of mining, smelting or manufacturing ores or minerals in the Upper Peninsula of Michigan and every bona fide holder of any draft or order for the payment of money due for any such labor, issued or drawn by any officer, clerk or agent of any such corporation, is given a lien for the amount due thereon or therefor upon all the real and personal property of the corporation lying and being in the Upper Peninsula, which lien takes precedence of all other debts, judgments or decrees, liens or mortgages, except liens accruing to the State for taxes, fines or penalties

DIGEST OF THE

Commercial, Corporation and Mining Laws OF MINNESOTA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by ALFORD & HUNT, Attorneys-at-Law, 330, 331 Chamber of Commerce Building, Duluth, Minnesota.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Within the State acknowledgments may be taken by the judges and clerks of the Supreme, District and Probate Courts, and by notaries public, justices of the peace, registers of deeds, court commissioners and county auditors, within their respective jurisdictions. Without the State and within the United States deeds may be acknowledged before the judges or the clerks of the Supreme and District Courts of the United States; or before the judges or the clerks of the courts of record of any state, territory or district of the United States; and by notaries public, justices of the peace, and commissioners appointed by the Governor of this State for the purpose. If the acknowledgment is taken without the State and not before a commissioner appointed by the Governor of this State, nor before an officer having a seal, the official character of the officer taking the acknowledgment must be shown by a certificate of the clerk or other certifying officer of the proper court of record.

II. ALIENS:

Persons who are not citizens of the United States and have not declared their intention to become such, and corporations not organized under the laws of the United States, or one of them, cannot hereafter acquire real estate, except by devise or inheritance. The following exceptions are made: 1. Where the right to hold land is secured by treaty with the foreign country. 2. In the case of an alien owning not more than six lots of fifty feet frontage by three hundred feet deep, or any tract of a size equal to such six lots, within an incorporated city. 3. In the case of an actual settler on a farm of not more than one hundred and sixty acres. 4. In the case of lands obtained in good faith in enforcing the collection of debts or foreclosing mortgages. No corporation or association, more than twenty per cent of the stock of which is owned by any person or persons, not citizens of the United States, shall own any real estate hereafter acquired in this State.

III. ASSIGNMENTS:

There are two acts under which assignments may be made. The one is usually spoken of as the Assignment Law, and was enacted in 1876. The other is known as the Insolvent Act, and was enacted in 1881, and has been several times amended in favor of the insolvent.

(a). The Assignment Law: The assignment must be by instrument in writing, subscribed by the debtor, duly acknowledged, and filed in the office of the clerk of the District Court in the county in which the debtor resides or in which his business has been principally carried on. The assignee must be a resident and freeholder of the State. In order to pass the real estate to the assignee, either under the Assignment Law or the Insolvent Act, a certified copy of the deed of assignment must be filed for record with the register of deeds in the county wherein the land is situated.

Within ten days after making the assignment the debtor must file with the clerk of the court where the deed of assignment is filed an inventory, duly verified, and containing a list of all his creditors, their residences, the amount and nature of the debt due to each and whether secured; and a complete inventory of the debtor's estate and the incumbrances or securities incident thereto, and the value of the estate and each item thereof, to the best knowledge of the debtor.

The assignee, within five days after the filing of the inventory, and before he is allowed to dispose of any part of the assigned property, must file with the clerk of the court a bond in twice the value of the estate, as shown by the inventory or by the affidavit of the debtor, with two or more sureties, residents and freeholders, conditioned for the faithful performance of the trust. The assignee shall forthwith give notice of the assignment directly to each creditor, and by publishing notice thereof in some newspaper published either in the county where the assignment is made, in an adjoining county, or in St. Paul. The assignee represents the creditors and has all the rights which such creditors would have to avoid fraudulent conveyances and transfers. Creditors must file their claims, duly verified, with the assignee. The court has power to fix the time within which claims must be presented, and usually they must be presented within the time, but on showing good cause the court may allow claims to be filed after such time. Out of the funds coming into the hands of the assignee the expenses of the assignment are to be first paid. After that shall be paid: 1. Debts due the United States, the State of Minnesota, taxes and assesments. 2. Debts due for labor performed within three months of the date of the assignment. 3. All debts, duly proved, pro rata or in full. All proceedings are under the supervision of the district judge. Twenty days before paying any dividend the assignee must file with the clerk of the court a list of claims allowed. Upon the full performance of his duties the assignee may apply to be released, upon three weeks' notice. Under the Assignment Law no releases need be filed and creditors may prosecute the debtor for the remainder of their claims.

(b). Insolvent Act: Whenever any debtor shall have become insolvent, or garnishment shall have been made against any debtor, or his property levied upon, he may make an assignment of all his unexempt property for the equal benefit of all his bona fide creditors who shall file releases of their claims. Such assignments shall be made in the same manner as those under the Assignment Law. If the assignment is made within ten days after such garnishment, levy, attachment or execution is levied on debtor's property, it shall operate to discharge the property from such garnishment, etc., unless the assignee shall within five days after qualifying file with the clerk of the District Court notice of his intention to retain such garnishments, etc.

Whenever any insolvent debtor shall confess judgment or do anything whereby any of his creditors shall obtain preference over any other of his creditors, or shall omit to do anything which he might lawfully do to prevent any of his creditors from obtaining preference over any other of his creditors; or shall not make an assignment under the provisions of the Insolvent Act within ten days after any garnishment, levy, etc., has been made against him, or shall conceal or remove his property with intent to defraud his creditors; then, or within sixty days thereafter any one or more of his creditors having claims to the aggregate amount of two hundred dollars or more, may petition the District Court for a receiver of the property of such debtor, and such receiver being appointed, the debtor's property is distributed as under the Assignment Law, with the exception that only such creditors as file releases of their claims can participate in the dividend. No preferences are allowed except those expressly provided for by law.

Claims are to be filed in the same manner and with the same time as under the Assignment Law. Releases are to be filed before dividends are paid, and the court usually makes an order limiting the time within which they may be filed. If not filed within the time limited the court will, for cause shown, allow releases to be filed or it seems will allow them to be filed at any time before dividends are paid. Releases are to be filed with the clerk of the court. The release of the debtor under the Insolvent Act does not operate to release any person liable as surety, guarantor or otherwise, for the same debt. Creditors who do not file releases do not share in the dividend, but keep their claims intact against the debtor.

An amendment to the Insolvent Act, enacted in 18[illegible] declares that a debtor who has made an assignment under its provisions, but who does not wish to receive merely the release provided for in that act, may: He may present to the court an application for a discharge from all of his debts. This petition shall be accompanied by an affidavit of the debtor setting out the facts of the assignment; that the inventories were true; that he has not within six years preceding disposed of any part of his estate for the future benefit of himself or his family or in order to defraud his creditors, nor acknowledged

...or debt he did not honestly owe. Upon the filing of this application and affidavit the court shall cause a citation to issue requiring all creditors to show cause why the debtor should not be discharged. This citation shall be served as a summons is served, or in the manner directed by the court. Any creditor objecting to the discharge may file an answer to the application stating the facts by reason of which the discharge should not be granted. The issues may be tried before a jury at the request of any creditor. At such a hearing the insolvent may be examined on oath concerning his property and debts, at the instance of any creditor, and the creditor may contradict his testimony. All persons who have filed claims or received dividends, whether they are residents of this State or not, are declared to be parties to the action and to be bound by the decree entered by the court. All persons within the State, upon whom the citation is served, are also declared to be bound by the proceedings. If upon the hearing it appears that the debtor has complied with all the requirements of law, and has acted honestly in delivering all of his unexempt property to the assignee, the court shall order his discharge from the debts of all who have proved their claims or have been made parties to the action.

IV ATTACHMENT:

In an action for the recovery of money the plaintiff, at the time of issuing the summons, or at any time afterward, may have the property of the defendant attached, whenever the plaintiff, his agent or attorney, shall make affidavit that a cause of action exists against the defendant, specifying the amount of the claim and the ground thereof; and that the defendant: 1. Fraudulently contracted the debt. 2. Is a foreign corporation, or is a non-resident. 3. Has departed from the State, as deponent believes, with intent to defraud or delay his creditors, or to avoid the service of a summons, or keeps himself concealed with like intent. 4. Has assigned, secreted, disposed of, or is about to assign, secrete, or dispose of his property with intent to delay or defraud his creditors: provided, that no attachment shall be allowed in actions for libel, slander, seduction, breach of promise of marriage, false imprisonment or assault and battery. Before the writ is allowed the plaintiff must furnish a satisfactory bond for at least the sum of two hundred and fifty dollars.

V. CLAIMS AGAINST ESTATES.

Such claims must be itemized and sworn to by the creditor, his agent or attorney, stating the amount due, that the same is just and true, that no payments have been made thereon which have not been credited, and that there are no offsets to the knowledge of the affiant. The statement is filed with the judge of the Probate Court. An appeal may be taken to the District Court from the allowance or disallowance of a claim.

VI. COURTS:

The courts of the State are Supreme, District, Probate, Municipal and Justices'.

The Supreme Court has appellate jurisdiction. The District Court is the court of general jurisdiction. Probate Courts have jurisdiction over the estates of deceased persons.

There are Municipal Courts in all of the larger cities. Many of these are created under special acts, but usually the jurisdiction is limited in amount to from three hundred to five hundred dollars and they cannot try actions involving the title to real estate nor are their judgments liens on real estate; but a transcript thereof may be filed in the District Court and will then become a lien on real estate.

Justices have jurisdiction to the amount of one hundred dollars, but cannot try actions for false imprisonment, libel, slander, malicious prosecution, criminal conversation, seduction, breach of promise to marry, nor actions equitable in their nature or involving the title to real estate.

VII. FEES:

Acknowledgment before notary public or justice	$ .25
Acknowledgment before clerk of court (not allowed in all courts)	.25
Attachment: Contingent; varies in different counties.	
Appeal: Contingent.	
Commencement of suit in Justice Court:	
Issuing summons	.25
Each paper filed	.05
Commencement of suit in court of record: Varies.	
Filing complaint	3.00
Additional fees, also for other papers, about	2.00
Incorporation:	
Except religious, educational, social, charitable, building and loan, dairy, township and mutual fire insurance companies, for first $50,000 capital	50.00
Each additional $10,000 capital	5.00
Mandamus: Clerk's and sheriff's fees, contingent.	
Probate: None.	
Protest: Certificate	1.00
Each notice	.50
Record: Variable, from per folio 7½ cents and each certificate 10 cents, to per folio 12½ cents and each certificate 25 cents.	
Redemption: 1 per cent of amount paid.	
Sheriff: For serving any paper	1.00
Mileage each way	.10
Mortgage foreclosure	3.00
Posting three notices	1.50
Advertising sale	1.00
On first $250 collected on execution, 4 per cent, and on excess thereof, 2 per cent.	
Transcript: Varies according to county; from 50 cents to	1.30
Witness: Per day	1.00
Mileage each way	.06

VIII. DEEDS:

No estate or interest in lands, other than leases for a term not exceeding one year, nor any trust or power over or concerning lands, shall be granted, created, assigned, surrendered or declared, unless by act or operation of law, or by deed or conveyance in writing, subscribed by the parties creating, granting, assigning, surrendering or declaring the same, or by their lawful agent thereto authorized by writing; but courts of equity may compel specific performance of contracts partly performed.

Deeds should be executed in the presence of two witnesses who subscribe their names and should be acknowledged (see "I. Acknowledgments") and recorded in the office of the register of deeds for the county in which the land is situate. Unless so recorded the deed is void as against subsequent purchasers in good faith for a valuable consideration, and also as against any attachment or judgment obtained in good faith against the person in whose name the land appears of record. Deeds cannot be recorded unless acknowledged and witnessed by two witnesses. Deeds must be executed under seal of grantor; a scroll being sufficient therefor.

The interest of a married woman is released if she joins with her husband; and she need not be examined separately.

IX. DEPOSITIONS:

Deposition within the State may be taken when the witness: 1. Lives more than thirty miles from the place of trial. 2. Is about to go out of the State and will not return in time for the trial. 3. Is so sick, infirm or aged as to make it probable he cannot attend the trial.

The usual method in the case of depositions to be taken without the State is to serve a notice on the adverse party that the deposition of certain persons, naming all of them, will be taken at a certain place and time before a certain person, who must be one authorized by the law of the place to administer oaths. The notice is served as are notices in civil actions, and so as to allow the adverse party sufficient time by the usual route of travel to reach the place therein noted, allowing one day for each one hundred miles of distance between the place of serving the notice and place of taking depositions, and one day for preparation, excluding Sundays and the day of service. This method is also frequently used for taking depositions within the State. Depositions may be taken out of the State under a commission issued by the court to a competent person.

X. DESCENT:

A homestead is not affected by any disposition to which the surviving husband or wife has not assented in writing and is free from debts of the deceased. If there is no issue living, it descends to the surviving husband or wife; if no surviving husband or wife, to the children; if there is a surviving husband or wife and children, such surviving husband or wife has a life estate and the children have the remainder; if no surviving husband or wife and no children, the homestead descends as other real estate.

Surviving husband or wife takes one undivided one-third of all the real estate the deceased husband or wife was possessed of during coverture, to the disposition of which such survivor has not assented in writing, subject, however, to the payment of debts in the same proportion as is the other real estate.

The residue descends: 1. In equal shares to the children and lawful issue of any deceased child by right of representation. 2. If there are no children and no issue of any deceased child the entire estate goes to the surviving husband or wife. 3. If there is no surviving husband or wife, and no children, then to the father. 4. If there is no issue, husband or wife, nor father, then to the mother. 5. If no issue, husband, wife, father nor mother, then to brothers and sisters equally and to their issue by right of representation. 6. If none of these, then to next of kin in equal degree of collateral kinship. 7. If at the death of any unmarried child under age, all the other children of such parent are dead but have left issue, such issue shall take the estate of such child derived from said parent, and if such issue are in equal degree of kindred they take equally, otherwise by right of representation. 8. If no husband, wife or kindred, the estate escheats to the State. Degrees of kindred are computed ac-

cording to the civil law. Kindred of the half and whole blood have equal rights. The survivor of a testate spouse, who has provided in a will for such survivor in lieu of the right secured by statute to such survivor, must renounce such provision by written instrument filed in the Probate Court where the will is probated, within six months after probate, or he will be deemed to have taken such provision in lieu of his statutory rights.

XI. EMINENT DOMAIN:

Any corporation organized for the purpose of constructing or maintaining any work of internal improvement, requiring the taking of private property for public use, gas and water companies, street railway companies, mining and quarrying companies, on compliance with the statutes regulating the formation of such, shall, according to their business, and the provision of law, have among other corporate powers, the power of eminent domain.

Any corporation with such power may present to the District Court in the county in which any property proposed to be taken may be, a petition, signed by the president and secretary of the corporation, setting forth a description of the enterprise, and a description of the land necessary to be taken, used or overflowed for the purposes of such enterprise, and also the name of each owner and each person interested in said lands, so far as the same can be found out from the public records, and praying the appointment of three competent, disinterested persons as commissioners to determine the compensation to be made to such owners and incumbrancers, or others interested.

A notice stating the objects of the petition, containing a description of the lands proposed to be taken, and stating the time when and the place where the same will be presented to the court, shall be served on every person interested in such lands at least ten days before the time designated in such notice for the presentation of the petition. If any such persons cannot be found or are non-residents the notice may be served by publication. The proceedings are void as to persons not served in one of the methods prescribed.

Upon the hearing on the petition, if the court is satisfied that the public interests require the prosecution of the proposed enterprise and that the lands proposed to be taken are required for its purposes, it shall appoint the commissioners as prayed for. The commissioners, after taking a prescribed oath, shall proceed, upon viewing the premises and hearing proofs, to assess the damages accruing to any person by reason of the said construction or improvement. The commissioners must thereafter file a complete report, with a map showing the place of the improvement, in the District Court, and notice of the filing must be served on all persons interested. Within thirty days of serving the notice of filing such report any person may appeal to the court in which it is filed. Upon the company giving bond to pay any amount awarded by the court it is permitted to proceed with the construction. Upon the appeal the court or jury may re-assess the damages. The company may file and record certified copies of the report of the commissioner or the verdict or judgment in the office of the register of deeds and thus perfect the record title.

The United States, the State of Minnesota and the various municipal corporations have the right to take property for public purposes.

XII. EXECUTIONS:

Executions may issue on judgments at any time within ten years after docketing. The execution is good for sixty days and may be renewed. Personal property is levied on under execution, and sold on ten days' notice, the notice being given by posting it in three public places. Real estate is sold on six weeks' notice, given by posting said notice in three public places and by advertising it also for that period in a newspaper published in the county where the real estate is located.

XIII. EXEMPTIONS:

The following are exempt from levy or attachment: Family pictures, school books or library, and musical instruments for use of family; a seat or pew in a church; a lot in a burial ground; all household furniture not exceeding five hundred dollars in value; moneys arising from insurance of exempt property when such property is destroyed by fire; wearing apparel of debtor and family; three cows, ten swine, one yoke of oxen and a horse, or in lieu thereof, a span of horses or mules, twenty sheep, and the wool from the same, and enough food for all such stock for one year; one wagon, cart or dray, one sleigh, two plows, one drag and other farming utensils, not exceeding three hundred dollars in value; the provisions necessary to support the debtor and his family for one year; the tools and instruments of any mechanic, miner, or other person, used for the purpose of carrying on his trade, and stock in trade, including articles of goods manufactured in whole or in part by him, not exceeding four hundred dollars in value; the library and implements of any professional man; the outfit belonging to the publisher of a newspaper to the value of two thousand dollars; one sewing machine and one bicycle; necessary seed grain for actual personal use of debtor for one season, exceeding in no case more than one hundred bushels; and the wages of any laboring man or woman or of his or her minor children, in any sum not exceeding twenty dollars, due for services rendered during ninety days preceding the issue of any process of attachment, garnishment, or execution in any action against such laborer.

Most of these exemptions are allowed only in case of residents, but the exemptions to which any laborer in any other state is entitled to shall be allowed when such laborer is garnisheed in this State for a debt contracted in another state, such laborer being a resident of such state at the time of the garnishment.

XIV. HOMESTEAD:

A homestead, consisting of not more than eighty acres and the dwelling house thereon, and its appurtenances, and not included within the platted portion of any incorporated town, city or village, or, instead thereof, a quantity of land not exceeding in amount one lot, if within the platted portion of any incorporated town, city or village having more than five thousand inhabitants, or one-half acre, if within the platted portion of any incorporated town, city or village having less than five thousand inhabitants, and the dwelling house thereon and its appurtenances, owned and occupied by any resident of this State, is not liable for the debts of the owner.

The same exemption extends to the widow and children of deceased debtor. The wife and minor children of a debtor who has absconded are entitled to the privileges of homestead, but cannot sell it. Ordinarily a debtor may sell his homestead and it passes free from the lien of any judgment against him.

Except in the case of a purchase money mortgage, the homestead cannot be conveyed or mortgaged except the wife join. A mortgage on a homestead, where wife joins, constitutes a valid lien. Mechanics' liens may be filed on the homestead. Homesteads may be sold for nonpayment of taxes. If the owner of a homestead abandons it for more than six months, without filing in the register of deeds' office a notice of his intention to claim said property as his homestead, he loses his right, and in no case is it allowed after more than five years' continuous abandonment.

XV. INTEREST AND USURY:

Seven per cent is the legal rate and is allowed on all kinds of debts, including judgments and accounts. Parties may agree to pay as much as ten per cent per annum. Anything above ten per cent is usurious and the whole debt is forfeited. The courts have construed the statute strictly and no device is allowed to defeat the plain meaning of the law.

XVI. JUDGMENTS:

Remain good for ten years from the date of entry and may be renewed for an additional ten years. They constitute a lien on all real estate owned by debtor at the time of docketing, or acquired during the life thereof in any county where the judgment is docketed. Transcripts may be docketed in any county creditor desires. The above statements are true only of judgments docketed in the District Court. Judgments obtained in Justices' or Municipal Courts may be made District Court judgments by filing transcripts.

XVII. LIENS:

There are several kinds of statutory liens allowed to keepers of livery stables, to common carriers for their charges, etc. In those cases the statute allows the creditor to sell the horses, freight, etc., upon notice.

The more important liens are those given to those who have performed labor or furnished materials for buildings, etc., and known as "mechanics' liens." Whoever performs labor or furnishes material for the construction or repair of any boat, vessel or other water craft, or of any house or other building or appurtenance, or of any bridge, wharf, fixture, fence or other structure; or for grading, filling or excavating any ditch, drain, well or cistern; or for making, altering or repairing any sidewalk, gutter, sewer, water or gas pipe, by virtue of a contract with or at the instance of the owner thereof or his agent, trustee, contractor or sub-contractor, shall have a lien to secure the price of such labor, materials etc., on the structure, ditch, etc., and on the land on which the same is situated, not exceeding forty acres if the land is without the limits of an incorporated town and not exceeding one acre if within the limits of an incorporated town. Leased lands are subject to such lien unless the owner, within five days after he learns of the improvements, etc., on the land, gives notice that it shall not be subject to them.

A person wishing to avail himself of the law allowing such liens must, within ninety days after the last item of labor, etc., was furnished, file with the register of deeds of the county where the land is situate, a verified statement of the amount actually due; that the same is due for labor, material, etc., as the case may be, the time when the first and last items were furnished, a description of the property to be charged with the lien,

the name of the owner or reputed owner, and a notice of the intention to claim and hold a lien. Such liens are enforced in the same manner that mortgages are foreclosed by action. Such action must be commenced within a year from the time the last item of labor, materials, etc., was furnished.

The other lien most commonly met with in the State is the lumberman's or logger's lien. Whoever performs work on any logs, cross-ties, etc., in this State may file a lien for such work in the surveyor-general's office for the district where the logs are and may at the same time attach the logs. The claimant is not required to give bond as in cases of ordinary attachment. If the lien is established the logs are sold on execution to satisfy the claim.

XVIII. LIMITATIONS:

Actions for the recovery of real estate may be brought within fifteen years; actions on judgments within ten years; upon any contract, obligation, or upon a liability created by statutes, or to enforce a trust or compel an accounting, within six years; for libel, slander, assault and battery, or false imprisonment, two years. In matters relating to time when the statute begins to run, questions of disability, non-residence, etc., the rules of the common law are enacted with little change.

XIX. MARRIED WOMEN:

All property belonging to a woman at the time of her marriage continues to belong to her during coverture. A married woman may deal with her separate property as fully as an unmarried woman, except that she cannot convey her real estate or enter into any contract with reference to it unless her husband join with her in such conveyance or contract; except that she may give a purchase money mortgage, make leases not to exceed three years in length, or release dower in lands owned by a former deceased husband.

No contract between husband and wife, with reference to any land owned by either of them, nor any power of attorney from one to the other to convey any land, shall be of any force; but in reference to all other subjects either may be the agent of the other or contract each with the other as fully as if the relation of husband and wife did not exist. Neither is liable for any debts of the other, contracted before or after marriage, except for necessaries furnished to the wife after marriage, where the husband would be liable at common law. A married woman is responsible for her torts and is bound by all her contracts except those relating to her real estate, and her property is liable for her debts and her torts as fully as if she were unmarried.

XX. MORTGAGES:

Mortgages on real estate are executed, acknowledged etc. recorded in the same manner that deeds are executed, etc. The husband or wife should join, except in purchase money mortgages. There are two ways in which real estate mortgages may be foreclosed: 1. By advertisement: that is, by publishing in some newspaper published in the county where the mortgaged property lies, for the period of six weeks, once in a week, a notice prescribed by statute. The sale is made by the sheriff to the highest bidder. His certificate of sale is prima facie evidence of title, and the mortgagor has one year from the day of the sale in which to redeem the property. 2. By action: In which an action to foreclose brought in the same way that other actions are brought, and the sheriff makes a sale as on an execution.

Whether the foreclosure is by action or by advertisement, the sheriff's affidavit and all other affidavits should be recorded within ten days after the sale, and the certificate should be recorded within twenty days.

Chattel mortgages not accompanied by immediate delivery, and followed by an actual and continued change of possession of the things mortgaged, shall be void as against creditors, subsequent purchasers and mortgagees in good faith, unless it appears that the mortgage was executed in good faith, and unless such mortgage or a copy be filed in the office of the town or city clerk in the town or city where the property mortgaged shall lie, and also in the town where the mortgagor lives at the time of the execution of said mortgage. When such mortgage is acknowledged and so filed it is declared to be sufficient notice of the existence and conditions thereof for the period of two years, and the mortgagee may, before the expiration of two years, file an affidavit showing what interest he has in the mortgage, and it will then continue to be notice for the further period of one year, and such renewal may be repeated from year to year. Chattel mortgages may be foreclosed by action, but they usually contain a power of sale and are almost always foreclosed under such power. The sale is made upon ten days' notice given by serving a copy of the notice on the mortgagor or the person in possession of the property, and by posting such notice for the same length of time in the three most conspicuous places in the city or town. If the sale is made by the sheriff the mortgagee may purchase.

XXI. NOTES AND BILLS:

The usual rules in regard to commercial paper are in force in Minnesota. Days of grace are allowed. Notes containing a provision for the payment of attorney's fees are collectible, but are not negotiable. Notes having a seal on them are not negotiable.

Where A indorses B's note before delivery to the payee named therein, A and B are both makers of the note and there is no need of protesting in order to hold A. Possession of the note is prima facie evidence of the indorsement, and the signature and indorsements are presumed to be genuine until denied by the oath of the person whose name purports to be signed, unless such person be dead.

XXII. SUITS:

Are commenced by the service of a summons. A complaint, stating the plaintiff's cause of action, must either be attached to the summons when it is served, or must have been filed in the office of the clerk of the court in which suit was brought, prior to such service. The summons may be served by the sheriff of the county where the defendant is to be found, or by any other person not a party to the action. When defendant is a non-resident, but has property within the State, service may in many cases be had by publication, but the property must first be attached, and the judgment so obtained is a judgment against the property attached, and not a personal judgment.

In the District Court the defendant has ten days in which to answer. In the municipal courts the time is shorter, usually two days.

XXIII. TAXES:

All real and personal property in excess of one hundred dollars is subject to taxation. The taxes assessed for one year become due on the first day of January of the following year.

Personal property tax, if not paid, becomes delinquent on the first day of March and a penalty of ten per cent is added. On the first day of April the county treasurer makes a list of delinquent personal property taxes, which he certifies to the clerk of the District Court. The clerk thereupon issues warrants to the sheriff directing him to collect the said taxes. If they are not paid on demand he shall seize the goods of the delinquent and sell them on ten days' notice.

If real estate taxes are not paid a penalty of ten per cent is added on the first day of June; an additional penalty of five per cent is added on the first day of the following January, and then an action is begun to obtain a tax judgment. After this is obtained, the auditor proceeds, on the first Monday in May, to sell the property for the taxes. The amount of the sale draws interest at the rate of one per cent per month until redeemed. Redemption may be made at any time within three years from the day of sale.

XXIV. WAGES:

If any person fails to pay any wages earned, for a period of thirty days after the same have become due, and the same are recovered by action, such person must pay double the costs allowed in civil actions. Any mechanic, clerk, laborer or servant, having performed labor in connection with any business, within six months of the sale of such business, may file a lien, within one month after the same becomes due, and such lien must be first paid out of the proceeds of such sale. In all mechanical and manufacturing employments ten hours shall constitute a day's labor and all contracts for a day's labor shall be so construed unless otherwise expressly provided in the contract. (See "XII. Exemptions," and "XVII. Liens.")

XXV. WILLS:

Any person of full age and sound mind may dispose of his property by will in writing. Wills must be signed at the end thereof by the testator or by some one in his presence and by his express direction, and must be witnessed and subscribed in his presence. A legacy to a subscribing witness is void unless there are at least two other competent witnesses.

A will can be revoked only by burning, tearing, cancelling or obliterating the same, with the intention of revoking it, by the testator, or by some person in his presence, and by his direction; or by some will, codicil, or other writing, signed, attested and subscribed in the manner provided for in the execution of a will. Subsequently acquired real estate may pass by devise.

No will is effectual to pass property until it it is duly probated. A will made out of the State, which might be proved and allowed by the laws of the state or country in which it was made, may be proved, allowed and recorded in this State; and shall then have the same effect as if executed according to the laws of this State. The usual practice is to have the will probated in the state where it is made and a certified copy is then produced to the Probate Court here.

MINING CORPORATIONS.

I. ORGANIZATION:

Any number of persons, not less than three, desiring to form a corporation for the purpose of mining, smelting, reducing, refining or working ores or minerals, or for working coal mines or stone quarries, and marketing the materials; or for manufacturing brick or stone, or iron, steel, copper, or other metals; or for the purpose of buying, working, selling and dealing in metals or other mineral products, or for the whole or any part of such purposes, may do so by signing and severally acknowledging articles of incorporation which shall declare that they do thereby associate together and agree upon said articles for the purpose of forming a corporation under the provisions of an act entitled "An act to authorize the formation of corporations for mining and smelting ores and for manufacturing iron, copper and other metals," approved February 24th, 1876, and acts amendatory thereof.

The articles shall set out: 1. The name of the corporation, which shall not be the same as that previously assumed by any other corporation in this State. 2. The general nature of the business to be carried on, and the place of the principal office or headquarters of the company. 3. The names and places of residence of the persons so associating to form such corporation. 4. The amount of the capital stock of said corporation. It is usual to insert the limit of indebtedness in the articles of incorporation, though it is not required.

These articles must be executed in duplicate, one copy filed with the register of deeds in the county in which the principal office of the company is located, and the other copy in the office of the Secretary of State in St. Paul, Minn.; and upon being so deposited, said corporation shall be deemed to exist, for the purposes specified in the articles, as a manufacturing and mechanical corporation, under the constitution and laws of this State, and it thereafter has all the ordinary powers of corporations. It is not necessary to publish the articles of incorporation where the corporation is formed under the act mentioned above. The certified copy of said articles made by the register of deeds or the Secretary of State shall be evidence, in all courts, of such corporation.

The articles may be amended by a majority vote in amount of the stockholders, and by depositing such amendment for record in the offices where the articles of incorporation are deposited for record.

II. BY-LAWS:

Such a corporation may prescribe and adopt by-laws for the management of its business, and such by-laws may be amended by the board of directors from time to time, and may be amended by the stockholders at any regular meeting, and such amendment by stockholders shall stand until repealed or changed by the stockholders themselves at some regular meeting thereafter. All by-laws shall be filed in the offices where the articles of incorporation are required to be filed and shall not be operative until they are so filed.

Until the corporation shall have been duly organized and the board of directors elected, the persons executing the articles of incorporation shall constitute a first board of directors, with full power and authority to act, to make by-laws, and complete the organization of the company.

III. CAPITAL STOCK:

The minimum amount of capital stock allowed is ten thousand dollars, and such capital stock shall be divided into shares of not more than one hundred dollars each. Each share shall have one vote at all meetings of stockholders, and may be represented in person, or by proxy, under written appointment.

Such stock is deemed personal property and may be issued, sold and transferred as may be prescribed by resolution or by-laws of the corporation or its managing board. No stock so issued, purporting to be full paid, shall be subject to any further assessment in the hands of the lawful holder thereof.

IV. MEETINGS:

A majority in amount of the stockholders may call a meeting of stockholders at any time, irrespective of any by-laws, at the principal office of the company, or at the capital of the State, upon giving thirty days' notice by publication in a newspaper published in the place of such office, or, if there is no such paper, then in one published in the capital. Directors and stockholders may also hold meetings out of the State and maintain offices out of the State, but shall always have an office in this State where legal process may be served on it.

V. BOOKS AND RECORDS:

The corporation must keep a record of the proceedings had at meetings of stockholders and also of all proceedings had by the board of directors, and such record shall be subject to the inspection of all the stockholders at all reasonable times.

VI. POWERS:

Such a corporation may sell, mortgage or lease its real estate on a majority vote in amount of the stockholders, and not otherwise. And may also acquire and hold stock in any other corporation, if a majority in amount of the stockholders shall so elect.

VII. LIABILITY OF STOCKHOLDERS:

The constitution of the State of Minnesota declares: "Each stockholder in any corporation, excepting those organized for the purpose of carrying on any kind of manufacturing or mechanical business, shall be liable to the amount of stock held or owned by him." The statutes relative to the organization of mining corporations, summarized above, enact that such a corporation shall exist "as a manufacturing and mechanical corporation, under the constitution and laws of this state." (See supra Execution of Articles.) It is the intention of the Legislature, apparently, to classify mining corporations as mechanical or manufacturing corporations and thus free the stockholders from any personal liability. While the matter has never been passed upon by the Supreme Court, it would seem pretty clear that the legislature cannot do so, and it has been so held by at least one district judge. There is little question that stockholders are liable for the debts of the corporation to the amount of their stock.

VIII. RELIEF OF JOINT OWNERS:

Where veins, lodes or deposits of iron, iron ores, minerals or mineral ores of any kind, coal, clay, sand, gravel or peat are known to or do exist on or in lands which belong to a plurality of owners, and some of said owners are not willing to operate or work said veins, lodes, etc., the others may maintain an action to be allowed to operate the same under certain restrictions and requirements, to be imposed by the court in which said action is brought.

DIGEST OF THE

Commercial and Corporation Laws

OF MISSISSIPPI.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD.

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COMMERCIAL LAW.

I. ALIENS:

Resident aliens only may acquire and hold real estate.

II. ASSIGNMENTS:

There is no general insolvent law. In a general assignment, with assets over one thousand dollars, the assignee must give bonds. Creditors may, by showing fraud, secure priority.

III. ATTACHMENT:

Issues for all debts and damages. Before a writ issues a bond in favor of defendant in double the claimed debt must be executed by plaintiff.

IV. CLAIMS AGAINST ESTATES:

All claims must be probated, which stops the statute of limitations, within one year after publication of notice of time and place of probation to creditors.

V. COURTS:

Justices of the peace have civil jurisdiction in actions in which amount in controversy does not exceed two hundred dollars.

Chancery Courts, having jurisdiction over estates and matters of equity, are held twice a year in each county.

The Supreme Court receives appeals from the Circuit and Chancery Courts.

VI. DEEDS:

Are required to pass estate in lands greater than one year. Must be acknowledged and recorded to affect third parties.

VII. DEPOSITIONS:

Of witnesses without the State may be taken by a properly constituted commission. Depositions may be taken without the State by any person qualified to administer oaths.

VIII. DESCENT:

Estates go: 1. To descendants per stirpes. 2. To brothers and sisters and their descendants per capita. 3. To father or mother. 4. To next of kin. Whole and half blood inherit the same. Illegitimates inherit from mother and her kin. Without any heir the property escheats to the State.

IX. EXECUTIONS:

Equitable and undivided interests, bank notes and bills are evidences of debt, circulating as money or stocks and are vendable under execution at law or equity. Executions must be delivered to the sheriff within twenty days after adjournment of the court.

X. EXEMPTIONS:

There is no exemption for non-payment of taxes; for the amounts for materials or labor; for forfeited bail bond, or where the debt is founded on the purchase money. Otherwise a homestead, not in excess of two thousand dollars in value, or one hundred and sixty acres in extent, may be claimed, and including therewith two horses, two oxen, two cows, two calves, twenty hogs, twenty sheep, two hundred and fifty bushels of corn, ten bushels of wheat or rice, one-half a ton of hay, forty gallons of molasses, a sugar mill under one hundred and fifty dollars in value, bridle, saddle and side saddle, five hundred pounds of meat, wagon, buggy, harness, furniture under one hundred and fifty dollars in value and growing crops.

XI. INTEREST:

The legal rate is six per cent, but ten may be paid on contract. When more than ten per cent is contracted for the whole interest is forfeited.

XII. JUDGMENTS:

Of any court may be enrolled on the judgment roll in the Circuit Court clerk's office of any county, and are then liens upon the property of the defendant.

XIII. LIENS:

There are mechanics', judgment, agricultural, personal property and court vendors' liens.

XIV. LIMITATIONS:

On verbal contracts actions must be commenced within three years; against executors, etc., within four years after qualification; other personal actions, six years; on foreign judgments, seven years; real actions, ten years.

XV. MARRIED WOMEN:

Are free from all common law disabilities regarding property. Deeds between husband and wife are void unless in writing, acknowledged and recorded.

XVI. MORTGAGES:

Must be acknowledged and recorded. They are discharged by payment. No redemption from sale.

XVII. NOTES AND BILLS:

Bills of exchange and endorsed promissory notes are negotiable, drawing when payable without the United States ten per cent damages, and when payable in another State five per cent damages. Must be presented on the day before when due on Sunday, New Year's Day, Fourth of July, Thanksgiving Day or Christmas Day.

XVIII. SUITS:

Forms are immaterial. In law they commence by declaration and summons; in equity, by bill and summons; security for costs is demandable of non-residents.

XIX. TAXES:

Are due on December 15th in each year; and lands are sold for non-payment on the first Monday in March following. Lands so sold may be redeemed at any time within two years after sale.

XX. WILLS:

May be executed by anyone twenty-one years old. If not wholly written by testator, must be attested by two witnesses.

CORPORATIONS.

I. GENERAL PROVISIONS:

All corporations except railroads and insurance are formed under general laws and may hold property not in excess of two hundred and fifty thousand dollars; banks and manufacturing companies, one million dollars.

Stockholders are liable to the amount of their unpaid subscriptions. Foreign corporations may sue and be sued.

DIGEST OF THE

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Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by T. H. M'NEIL, Attorney-at-Law, Room 202, Long Bros.' Building, Kansas City, Missouri.

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COMMERCIAL LAW.

I. AFFIDAVITS:

Affidavits to be used in the courts may be taken before commissioners for the State, notaries public, or judges or clerks of courts of record, and should be attested by the official seal of these officers.

II. ALIENS:

Aliens, or any corporation not created by or under the laws of the United States or of some state or territory of the United States, cannot hereafter, unless such right is secured by existing treaties (June 21, 1895), acquire, hold or own real estate, or any interest therein, in this State, except such as may be acquired by inheritance or in good faith in the ordinary course of justice in the collection of debts. No corporation or association, more than twenty percentum of the stock of which is or may be owned by any person or persons, corporation or corporations, association or associations, not citizens of the United States, shall hereafter (June 21, 1895) acquire, hold or own any real estate in this State.

III. ASSIGNMENT.

Every assignment for the benefit of creditors is for the benefit of all the creditors in proportion to their respective claims. No preferences can be made in the deed of assignment; but the courts have upheld mortgages and deeds of trust given just before the assignment was made to secure certain creditors, whether given by individuals or corporations.

The assignor must sign and acknowledge the deed of assignment and make a verified statement of the nature and value of the property assigned. The assignee must give bond with security within three days, and file in-

ventory of assets within fifteen days; give notice of the allowance of claims within three months by advertisement published for four weeks successively; pay on demands within one month after allowance as much as the means on hand will permit, and as often thereafter as he can pay five per cent, and make a report every term to the Circuit Court, under whose directions he must act, and by whom he is discharged after the execution of his trust.

The Circuit Court may remove an assignee for cause and appoint a new one, or appoint one in case of vacancy.

Taxes and all wages due employees from corporations are preferred claims; other claims are paid pro rata, and discharge the debts only by the amount paid. Creditors who have not presented their claims on the days fixed for allowance, on account of sickness, absence from the State or other good cause, may, before the final dividend is declared, prove up their claims and receive the remaining dividends declared.

IV. ATTACHMENTS:

Attachment issues in aid of summons upon filing bond and affidavit showing that the defendant: 1. Is not a resident of this State. 2. Is a corporation, whose chief office or place of business is out of this State. 3. Conceals himself, so that the ordinary process of law cannot be served upon him. 4. Has absconded or absented himself from his usual place of abode in this State, so that the ordinary process of law cannot be served upon him. 5. Is about to remove his property or effects out of this State, with intent to defraud, hinder or delay his creditors. 6. Is about to remove out of this State, with intent to change his domicile. 7. Has or is about to fraudulently convey or assign his property or effects so as to hinder or delay his creditors. 8. Has or is about to fraudulently conceal, remove or dispose of his property or effects, so as to hinder or delay his creditors. 9. That the cause of action accrued out of this State, and the defendant has absconded, or secretly removed his property or effects into this State. 10. That the damages for which the action is brought are for injuries arising from the commission of some felony or misdemeanor, or for the seduction of any female. 11. That the debtor has failed to pay the price or value of any article or thing delivered, which by contract he was bound to pay upon the delivery. 12. That the debt sued for was fraudulently contracted on the part of the debtor.

Attachment can be had for a debt not yet due in any of the cases above mentioned except the first four, but no judgment till the debt matures; may be levied on both real and personal property; and debtors of defendant may be garnisheed thereunder. Attachment may be issued and served also on Sunday and legal holidays. An attachment, if sustained, gives prior right over subsequent attachments, but wages of servants and laborers, not exceeding one hundred dollars, which accrued within six months prior to an attachment or receivership, are preferred debts.

V. CLAIMS AGAINST ESTATES:

The testator may by will appoint an executor, but if this is not done or if there is no will, priority of right is given in granting letters of administration: 1. To the husband or wife. 2. To one or more of the distributees of the estate according to the discretion of the court, or judge or clerk in vacation; but non-residents cannot be appointed.

Executors and administrators are required to give a bond not less than double the value of the estate, excepting where a testator in naming an executor has requested that he be not required to give bond, but he may still be required to do so at the discretion of the Probate Court.

Executors and administrators are required to publish in some newspaper in the county in which letters are granted, notice of the grant of letters and the date thereof, requiring all persons having claims against the estate to exhibit them for allowance within one year after the date of letters, with the further notice that if such claims are not exhibited within two years from the time of such publication they will be barred.

Demands against the estate of a deceased person are divided into the following classes and priorities: 1. Funeral expenses. 2. Expenses of the last sickness, and wages of servants. 3. All debts, including taxes due the State or any county or incorporated city or town. 4. Judgments rendered against the deceased in his lifetime, and judgments rendered upon attachments levied upon property of the deceased during his lifetime. 5. All demands legally exhibited against the estate within one year after granting letters. 6. All demands thus exhibited and presented to the court for allowance after the end of one year and within two years after letters are granted. All demands not thus exhibited and presented to the court for allowance within two years shall be forever barred, saving in case of legal disability; and said two years shall begin to run from the date of the letters where notice shall be published within thirty days after the granting thereof, and in all other cases said two years shall begin to run from the date of the publication of the notice.

To secure allowance of claims against the estate, notice of the intended presentation of a demand must be given in writing to the executor or administrator at least ten days before the commencement of the term of court at which the demand is intended to be presented, unless such notice be waived in writing by the executor or administrator, or in open court. The claimant is also required to make an affidavit showing that he has given credit to the estate for all payments and offsets to which it is entitled, and that the balance claimed is justly due. Besides such affidavit, the claimant is required to prove his claim as in ordinary cases, except that demands for ten dollars or less may be proved by affidavit and allowed without further proof upon the certificate of the administrator that they are correct. The claimant cannot be a witness to establish his own claim; it must be proved by other testimony.

In partnership estates the surviving partner has prior right to administer, and if he knows the assets to be ample to pay all debts, he may pay them without requiring them to be proven up in the Probate Court.

Executors and administrators perform their duties under the supervision of the Probate Court, and are required to make yearly settlements, and unless given further time, make final settlement at the first regular term after the expiration of two years from the publication of notice of the grant of letters of administration, having given notice thereof for four weeks.

VI. COURTS:

Justices' Courts in counties having over fifty thousand inhabitants have jurisdiction on contracts and torts to the extent of three hundred dollars, and of all actions against railroads for killing or maiming stock, irrespective of value; in counties having less than fifty thousand, in all cases of contract and tort to the extent of two hundred and fifty dollars, and against railroads for killing or maiming stock irrespective of value; in St. Louis they have jurisdiction to the extent of five hundred dollars.

Circuit Courts have unlimited general jurisdiction in cases exceeding fifty dollars. In some counties there are local courts called Common Pleas, of concurrent jurisdiction with the Circuit Courts over certain districts. Circuit Courts hold two to three terms annually (in St. Louis five), and where not otherwise provided have jurisdiction in criminal cases. There is a Probate Court in each county with the usual powers.

VII. FEES:

Acknowledgment before notary public	$ .50
Acknowledgment before justice	.50
Acknowledgment before clerk of court	.50
Attachment: Costs contingent. Bond must be given for costs and damages in double amount of debt sued for.	
Appeal: From Justice Court, bond for costs and debt, and for transcript	1.00
From Circuit Court, docket fee in higher court, bond as above, and	10.00
Commencement of suit in Justice Court, besides bond for costs from non-resident	3.00
Commencement of suit in court of record	3.00
If plaintiff is non-resident, bond for costs, or deposit	15.00
Incorporation:	
First $50,000 or less capital stock	50.00
Each additional $10,000	5.00
Record and State fees, contingent, $5 to	10.00
Mandamus: Docket fee same as on appeal.	
Probate: Contingent, depending on papers filed, settlements made, etc. Executor's commission on money handled by him, 5 per cent.	
Protest: Contingent; about	2.50
Record: Per 100 words	.08
Certificate	.25
Sheriff: For each summons and subpoena	1.00
Transcription: Per 100 words	.14
Witness: In Justice Court, mileage 5 cents, and per day	.50
Court of record, mileage 5 cents, and per day	1.00

VIII. DEEDS:

Every deed, mortgage, conveyance, deed of trust, bond or other instrument authorized by law to be recorded (except wills) in order to be recorded must be acknowledged before some officer authorized to take acknowledgments of deeds, whose certificate shall be attached to such instrument.

Deeds need not be under seal unless executed by a corporation. They must be acknowledged or proved in this State before a court having a seal or some judge, justice or clerk thereof; a notary public, or justice of the peace of the county in which the real estate is conveyed or affected is situated. If acknowledged or proved without this State, and within the United States, by any notary public or by any court of the United States, or of any state or territory having a seal, or the clerk

of any such court, or any commissioner appointed by the Governor of this State to take acknowledgment of deeds. If acknowledged or proved without the United States, by any court of any state, kingdom or empire having a seal, or the mayor or chief officer of any city or town having an official seal, or by any minister or consular officer of the United States, or notary public having a seal.

No witnesses are necessary. If the acknowledgment to a deed be taken by a notary public in this State the officer must give the date in writing when his commission expires.

Husband and wife must join in conveying the legal title of the wife to real estate. When a married woman unites with her husband in the execution of any such instrument and acknowledges it she shall be described in the acknowledgment as his wife, but in all other respects her acknowledgment should be taken and certified as if she were sole; and no separate examination of a married woman in respect to the execution of any release of dower or other instrument affecting real estate shall be required.

IX. DEPOSITIONS:

Depositions in cases pending may be taken out of the State by procuring a commission from a court of record, and giving three days' written notice to the opposite party of the time and place of taking such depositions. Such notice shall be extended one day additional for every fifty miles distance between the places specified, up to three hundred miles, over which distance said notice shall be extended one day additional for every hundred miles of such distance.

The depositions must be taken by some commissioner, consul, commercial or diplomatic representative of the United States, having a seal; or mayor or chief officer of any city, town or borough having a seal of office; or by some judge, justice of the peace, or other judicial officer or by a notary public. If taken before any of said officers, except a judge or justice of the peace, and certified by him in his official character, accompanied by his seal of office, no other proof of his official character is necessary. If taken before a judge or justice of the peace, his official character must be shown by the certificate and seal of the clerk of some court of record within the county where the officer resides, stating that such officer was an acting judge or justice of the peace, and duly commissioned as such, at the time the depositions were taken.

Depositions of witnesses in this State may be taken by any officer authorized as above, without any commission or order of the court, on giving notice as above stated to the adverse party; provided, that in any cause pending in a city having over fifty thousand inhabitants the party to whom notice is given for taking the depositions of witnesses at any place in such city is entitled at any time before such taking is commenced, upon one day's notice of the application therefor served upon the party giving notice for depositions, to obtain from the court, judge, or clerk, an order appointing some disinterested attorney of such court a special commissioner to take such depositions and fixing the time and place thereof, and the depositions must then be taken pursuant to such order. Such commissioner is empowered to hear and determine objections to testimony, but must on demand of the party aggrieved, report his ruling excluding any evidence to the court or judge forthwith for approval or reversal, keeping open the depositions for further proceedings if required.

Every deposition must be reduced to writing in presence of the officer before whom it is taken, and signed by the witness. By agreement of parties, depositions may be taken down in short-hand and afterward written out and then signed by witness, or the signature of witness waived. Should the depositions be taken in shorthand by agreement, afterwards transcribed, and the signature of the witness waived, or read over and signed by the witness, the certificate should so state.

The return must, except in the cases above stated, be accompanied by a certificate of the official character of the officer taking them, attested by the seal of the state of his residence, or by the seal of some court of record within said state.

X. DESCENT:

All property of a person dying intestate, and not limited by marriage settlement, subject to dower and the payment of debts of deceased, descends and is distributed: 1. To children or their descendants, in equal parts. 2. If there be no children or their descendants, then to father, mother, brothers and sisters and their descendants in equal parts. 3. If there be none such, then to the husband or wife. 4. These failing, then to grandfather, grandmother, uncles and aunts, and their descendants, in equal parts, and so on to the nearest lineal ancestors and their children and descendants. 5. To kindred of the wife or husband of the intestate, in the same order.

Heirs of the half blood take only half the shares of the heirs of the whole blood. If all the heirs are of the same degree of relationship to the decedent they take per capita; if in unequal degrees, per stirpes.

XI. EMINENT DOMAIN:

Railroad companies have the right: 1. To enter upon the lands or waters of any person to examine and survey for its proposed railroad, subject to responsibility for damages. 2. To lay out its road, not exceeding one hundred feet in width; to construct the same; for the purpose of cuts and embankments to take as much more land as may be necessary for the proper construction and security of the road; and to cut down any standing trees that may be in danger of falling on the road, making compensation therefor. 3. To condemn land for depots and tracks, and may enter upon any land in the neighborhood of the line of their railroad to take therefrom earth, gravel, stone, wood, water or other material necessary for the construction and operation of said road, or for the pufpose of depositing thereon earth, etc. 4. For procuring water for use to lay pipes, erect pumps, dams and reservoirs and keep them in repair, paying the owner the damages or having them assessed by a jury. 5. To construct the road across, along or upon any stream of water, street, highway or canal, which the route of its road shall intersect or touch, but the stream, etc., shall be restored to its former condition or to such a state as not to have impaired its usefulness (but such construction must not interfere with the navigation of a navigable stream, nor be constructed on a street or highway without the assent or the corporate authorities of the city, or the County Court), and may maintain and operate in connection with any railroad bridge a toll bridge and charge toll. 6. To cross, intersect, join and unite its railroad with any other railroad before constructed at any points in its route upon the grounds of the other company, with the necessary turnouts and sidings, and in pursuit of such purpose to agree upon compensation or have the same fixed by condemnation. Railroads must maintain fences along their line of road and cattle guards at crossings.

Macadamized, graded and plank road companies may appropriate any State or county road with the consent of the County Court, and may take releases necessary and material by condemnation for, as do railroads constructing their road; and condemn land not to exceed one acre for the erection of a toll-house.

Operators of mines, saw-mills or other industries, with the consent of the State Railroad Commissioners, may build and maintain private switches to connect with a railroad.

Telegraph and telephone companies are authorized to set their poles, wires and other fixtures along, across or under any of the public roads, streets or waters in such manner as not to incommode the public in the use of the same, but in cities permission must be obtained to put the wires underground; and may enter upon private lands and condemn and occupy so much of said lands as may be necessary to erect their poles, wires and other necessary fixtures.

Water companies may take water from any stream not navigable, erect dams, lay pipes to convey water, and condemn lands for the same, and for the erection of reservoirs, pumping stations, etc.

Bridge companies organized for constructing and maintaining a bridge over a stream may condemn land for approaches, roads, foot or wagon-ways of such bridge.

Any person may erect a dam for mill purposes over a non-navigable stream and if he own the land on but one side, may have condemned one acre on the opposite side for that purpose. (See "XIX. Mill-Dams.")

XII. EXECUTIONS:

Executions may issue at any time within ten years from the time judgment is rendered. Justices' executions are returnable in ninety days, and executions from a court of record are returnable to the next term of court after they are issued. Execution from the Circuit Court not a lien upon property until levied. Execution from Justice Court a lien upon personal property as soon as placed in the hands of constable. There is no stay of execution. Real estate taken under execution is sold without appraisement to the highest bidder.

XIII. EXEMPTIONS:

Exemption from attachment and execution is allowed to the head of a family on a homestead owned and occupied of the value of one thousand five hundred dollars in the country, or in towns and cities of less than forty thousand inhabitants; and of the value of three thousand dollars in cities whose population exceeds that number; and on personalty amounting to about five hundred dollars in value.

To one not the head of a family nothing is exempt but wearing apparel and the necessary tools of trade of a mechanic. If the defendant is a non-resident or is about to abscond or leave the State with intent to change his domicile, he loses his right to exemption. When the defendant has absconded or absented himself from his abode his wife may claim exemptions, not exceeding in value three hundred dollars. No property is exempt from levy for wages of a house servant or common laborer

up to ninety dollars, if suit is commenced within six months after last services have been rendered. Personal property is in all cases subject to execution on a judgment against the purchaser for the purchase price, without notice, except in the hands of an innocent purchaser.

XIV. HOMESTEAD:

A homestead may be conveyed or encumbered as other property, and for that purpose no special form of conveyance is required. If no such conveyance or encumbrance has been made, the wife or the owner of a homestead may file her claim to the tract of land occupied by her and her husband, or by her alone if the husband has abandoned her. Such claim must describe the property, and state that the claimant is the wife of the person in whose name the property is recorded, and must be acknowledged as deeds are, and recorded in the county recorder's office; and after such filing no conveyance of or incumbrance on the homestead can be made without the consent of the wife.

Upon the death of a person owning a homestead, leaving minor children or a widow surviving, such homestead vests as a homestead in the widow and minor children until the death of the widow, and until the youngest child is of age. The fee simple of the property, subject to the homestead so contained therein, will pass by descent or devise, and may be sold for the decedent's debts as in other cases. If the decedent during his lifetime has legally charged his homestead with the payment of any debt, such charge will continue and may be enforced after his death. The homestead is liable to attachment and execution upon all causes of action existing at the time the same is acquired.

XV. INTEREST AND USURY:

The legal rate of interest is six per cent, but parties may contract in writing for not more than eight per cent. The penalty for usury is the forfeiture of the interest at eight per cent to the common schools, if the interest has not been paid; and if the interest has been paid the excess will be applied on the principal, and the defendant recover costs. Judgments bear interest at the rate of six per cent per annum; if the contract sued on calls for a higher rate—not exceeding eight per cent—the judgment thereon bears the higher rate. An open account bears interest at the rate of six per cent per annum from the time when demand for payment is made.

XVI. JUDGMENTS:

Judgments of courts of record, including United States Circuit Courts, are liens upon the real estate of defendant within the county, and may be extended to other counties by filing a transcript of same. In the city of St. Louis such judgments are not liens until abstracts thereof are entered in the abstract book. Judgments of justices of the peace are liens on realty after transcript thereof is filed in the circuit clerk's office. The lien continues three years from the rendition of judgment and may be renewed for three years by scire facias. Judgment may be renewed within ten years for an additional period of ten years.

Judgment by confession may be entered without action, either for money due or to become due, or to secure a contingent liability. A statement in writing must be signed and verified by the defendant, showing the amount for which judgment may be rendered and authorizing entry of judgment thereon, and must state concisely the facts out of which the claim arose, and show that the sum is justly due or to become due; and if it be for the purpose of securing a contingent liability, the facts constituting the liability, and show that the sum confessed does not exceed the same.

XVII. LIENS:

Persons furnishing materials, machinery or fixtures for any building, erection or improvement on land or for repairs thereof, under contract with the owner, proprietor or his agent, trustee, contractor or sub-contractor, may have a lien on the erection and on the land, not exceeding one acre in the country or the lot in a town or city. The lien only covers the title or interest which the possessor has for whose use the structure is erected. The lien attaches to buildings when the land is previously incumbered, and the building may be removed when the lien is enforced. The lien attaches to the leasehold interest of the tenant, and the buildings and improvements erected by the tenant may be removed within sixty days after the lease terminates.

Contractors must within six months, and sub-contractors within four months, file with the clerk of the Circuit Court of the county where the building is a just and true account of the amount, after allowing just credits, with a description of the property sufficient to identify the same, the name of the contractor, or both. This statement must be sworn to by the claimant of the lien or by some person for him. The lien has precedence over all incumbrances created after the commencement of the building.

Sub-contractors must serve written notices on the owner that they have a claim, ten days before filing the lien. If the owner is absent, such notice is served by filing with the county recorder. Suit to enforce a lien must be commenced within ninety days after the lien is filed and must be prosecuted without delay. If the sub-contractor file lien, it is the duty of the contractor to defend the suit thereon, and the owner may withhold the money due the contractor during the pendency of the suit.

XVIII. LIMITATIONS:

Open accounts and all promises not in writing, five years; judgments and contracts in writing, ten years. A new promise in writing or part payment on account constitutes revivor.

XIX. MARRIED WOMEN:

Married women hold their real and personal property in their own name, free from control of the husband, and not liable for his debts, and also through the intervention of a trustee. A wife is liable for her ante-nuptial debts; but her husband's property is not, except such as may be acquired from the wife. A married woman can make contracts in her own name, buy goods and give notes in settlement of purchases binding her own separate property, both real and personal; and sue and be sued in any court of law or equity, without joining her husband; and contract and be contracted with as if she were a femme sole.

XX. MILL-DAMS:

Anyone owning land on one side of a stream and a part of the bed, who desires to erect a milldam, if he cannot agree as to compensation with the owner of the opposite side, or with the owners of the land which will be flowed, may file a petition in the Circuit Court of the county in which the mill or dam is to be erected, and such court will issue a writ directed to the sheriff of the county commanding him to summon a jury to appraise the damages. Notice must also be served on the proprietors of the land at the time such petition is filed. After the payment of damages and expenses the applicant secures a right to erect his mill or dam.

XXI. MORTGAGES:

Mortgages and deeds of trust must be executed and acknowledged like other deeds and must be recorded. The usual form of security is a deed of trust, by which the property is conveyed to a trustee, with power to sell without the intervention of the court.

Chattel mortgages are void as to creditors of the grantor and purchasers without notice, unless possession of the property passes to and is retained by the mortgagee, or the mortgage or deed is recorded.

Unless evidenced by writing, executed, acknowledged and recorded as provided in cases of mortgages of personal property, all sales of goods and chattels, unless accompanied by a delivery of possession within a reasonable time, are fraudulent and void as against vendor's creditors and subsequent purchasers in good faith. All conditional sales, leases, rentings and hirings of personal property are void as to creditors and subsequent purchasers in good faith.

Real property sold under deed of trust without foreclosure may be redeemed within one year if bought in by the cestui que trust or his assignee, or by any person for them or either of them, but on the day of the sale security must be given to the satisfaction of the Circuit Court (or clerk thereof in vacation) for payment of interest to accrue after sale and for damages and waste. If bought by a stranger there is no redemption.

XXII. NOTES AND BILLS:

Bills of exchange, notes payable to a party or order or bearer and expressed to be for value received, and bills of lading and warehouse receipts, are made negotiable by statute, and are governed by the rules applicable to commercial paper; and negotiable notes are payable as therein expressed; if made payable at a certain bank of face, demand of payment must be made at the bank named.

Sight drafts or demand drafts on persons residing in this State are due and payable on the day demand of payment is made, and must be protested on that day if not paid.

Upon protested bills, and upon notes that have been negotiated, the following rates of damages can be recovered if the bill or note is overdue twenty days before suit is begun: 1. If drawn upon a party in this State, four per cent. 2. If drawn upon a party out of this State and within the United States, ten per cent. 3. If drawn upon a party out of the United States, twenty per cent.

The destruction of a bill by the drawee, or refusal to return it within twenty-four hours after presentation for acceptance, is taken to be an acceptance. Damages for protest are allowed only to holders for value or their assigns.

No days of grace are allowed on sight bills or orders. Public holidays are: January 1st, February 22d, May 30th, July 4th, the first Monday in September, December 25th, and public election day and Thanksgiving day; and in Kansas City and St. Louis, every Saturday after twelve o'clock noon is a legal half-holiday. Where any of such public holidays fall upon Sunday, the Monday next following shall be considered such holiday. Notes or bills

falling due upon a Sunday or such public holiday, are payable on the next day, unless the latter be also a Sunday or holiday, in which case they are payable on the day preceding actual maturity; but all bills of exchange, drafts and promissory notes, except those payable at sight or on demand, which shall be otherwise payable on any half-holiday Saturday, shall be deemed to be and shall be payable on the next succeeding secular or business day.

XXIII. SUITS:

Suits for the collection of debts may be brought by summons in the county where defendant resides, or in the county where plaintiff resides, if the defendant can be found there; where there are several defendants, in any county in which one of them resides; and when defendants are non-resident, then in any county. Personal service of summons must be had in order to get personal judgment, otherwise judgment only affects property attached. Names of individual plaintiffs must be furnished, and a bond given for costs by non-residents, or a cash deposit made.

XXIV. TAXES:

State and county taxes are assessed on June 1st in each year, and if not paid before January 1st succeeding bear a penalty of one per cent per month until paid. Payment of delinquent taxes must be enforced by suit in the Circuit Court by the collector; judgment, special execution and sale by the sheriff; and all parties to the record are concluded thereby in absence of fraud. Suits for taxes, personal and real, are barred in five years.

XXV. WAGES:

All corporations shall make payment to their employes of wages due for all labor performed by them within three months next preceding, to an amount not exceeding one hundred dollars, in preference to any other claim not secured by specific lien, and such payment may be enforced by civil action. All such debts due employes shall have a like priority of payment from the money and assets of the corporation in the hands of the officers or agents or receivers or assignees.

Payment of wages shall be made on or before the fifteenth day of each month for the full amount of all wages earned previous to the first day of that month; all employes or laborers in mines shall be regularly paid at least once in every fifteen days, and at no pay-day shall there be withheld any of the earnings of any employe. Whenever any employe shall demand it, the operator of each mine shall issue such employe a due-bill for the amount due him up to the day of demand, which due-bill shall be negotiable and shall be redeemed by such operator on demand in cash or its equivalent, at the option of the holder.

Any order, note, check, memorandum, token, evidence of indebtedness or other obligation, given in payment of wages by any person, firm or corporation must be redeemable, under penalty, at the maker's place of business in lawful money of the United States, or goods, at the option of the holder.

Railway, mining, express, telegraph, manufacturing or other corporations or companies doing business in Missouri shall give thirty days' notice of the reduction of wages to the employes to be affected thereby, by posting written or printed hand-bills in a conspicuous place in or near the office, shop or place where the employes may be at work, or by mailing each employe a copy of such notice, specifying the class of employes whose wages are to be reduced and the amount of the reduction, under penalty of fifty dollars for failure so to do.

No property is exempt from seizure and sale under execution for services rendered in the capacity of house-servant or common laborer to the amount of ninety dollars, provided suit be brought within six months after the last services were performed.

XXVI. WILLS:

Wills as to realty may be made by male persons over the age of twenty-one years; and as to personalty by male persons over the age of eighteen years. Women of the age of eighteen, whether married or single, may make wills as to their realty and personalty. The dower of a wife and curtesy of the husband cannot be affected by a will unless the provisions of the will are accepted by the election of the provisions of the will, within a specified time, and in a certain formal way.

Wills must be in writing, signed by the testator, or by some person by his direction in his presence, and attested at his request and in his presence by two witnesses. Wills of non-residents, to be effective as to real estate situated in this State, must be executed as prescribed by the laws of this State. After probate thereof, wills should be recorded in the office of the recorder of deeds in county where they have been probated, and copies duly certified should also be recorded in all other counties where the estate has any realty.

Wills must be contested within five years after probate; otherwise they will be binding, except as against persons laboring under disabilities, who have a like period of five years after removal of disabilities, to institute contest.

A legacy to a testating witness is void unless the will is attested by a sufficient number of other competent witnesses. The testator is deemed to die intestate as to children not named or provided for in the will. When an estate is devised to a child, grandchild or descendant of such testator, and such devisee shall die before the testator, leaving lineal descendants, such descendants shall take the estate, as such devisee would have done had he survived the testator.

CORPORATIONS.

I. ORGANIZATION:

Any three or more persons, having associated themselves together by articles of agreement in writing, may incorporate under any name or title designating such business, for the purpose of carrying on mining and quarrying operations and any lawful trading, manufacturing, insurance, brokerage or other business, as set forth in detail in the laws of the State. Articles of incorporation must set forth: 1. Name of corporation, which shall not be that of any other corporation or an imitation of the same. 2. The name of the city or town and county in which the corporation is to be located. 3. Amount of capital stock (which must be not less than two thousand dollars nor more than ten million dollars), the number of shares into which it is divided and the par value thereof; that the same has been bona fide subscribed and one-half thereof actually paid up in lawful money of the United States, and is in the custody of the persons named as the first board of directors or managers. 4. The names and places of residence of the several shareholders and the number of shares subscribed by each. 5. The number of the board of directors or managers (must be not less than three nor more than thirteen, and at least three must be citizens and residents of this State and stockholders in such corporation), and the names of those agreed upon for the first year. 6. Term for which the corporation is to continue (not exceeding fifty years). 7. The purposes for which the corporation is formed.

The articles of incorporation must be signed and acknowledged by all the parties thereto and recorded in the office of the recorder of deeds of the county or city in which the corporation is to be located; and a certified copy of such instrument filed in the office of the Secretary of State, and a fee paid into the State treasury of fifty dollars for the first fifty thousand dollars or less of capital stock, and five dollars for every additional ten thousand dollars of capital stock. Thereupon the Secretary of State shall issue his certificate stating that such corporation has been duly organized and certifying the amount of its capital stock, and such certificate shall be taken by all the courts in this State as evidence of the corporate existence of such corporation, and the persons so acknowledging such articles shall become a body corporate. Corporations must keep a general office for transaction of business in this State. The capital stock shall not be paid by note, nor can a corporation loan money to stockholders.

II. POWERS:

Every corporation, as such, has power: 1. To have succession by its corporate name, for the period limited in its charter, and, when no period is limited, for twenty years. 2. To sue and be sued, complain and defend in any court of law or equity. 3. To make and use a common seal, and alter the same at pleasure. 4. To hold, purchase, mortgage or otherwise convey such real and personal estate as the purposes of the corporation shall require, not exceeding the amount limited in its charter, or by the law creating it; and also to take, hold and convey such other property, real, personal or mixed, as shall be necessary or requisite for such corporation to acquire in order to obtain or secure the payment of any indebtedness or liability belonging to the corporation. 5. To appoint such subordinate officers and agents as the business of the corporation shall require, and allow them a suitable compensation. 6. To make by-laws not inconsistent with existing laws, for the management of its property, the regulation of its affairs and for the transfer of its stock. 7. To increase or diminish, by a vote of its stockholders, cast as its by-laws may direct, the number of its directors or trustees, to be not less than three nor more than thirteen, and, in like manner, change its corporate name without in any wise affecting its rights, privileges or liabilities. Such changes of name or number of directors or trustees shall take effect and be in force from the date at which the president or secretary of such corporation shall file with the Secretary of State an affidavit setting forth the name adopted and the number of directors or trustees fixed, together with the date at which such change in name or number of directors or trustees was voted by the stockholders of such corporation.

Any corporation may, at a meeting duly called and held (notice of such meeting first having been given in the manner and form provided in Sections 2489, 2500, Revised Statutes, 1889), reduce the par value of its shares of stock and correspondingly increase the number thereof by a vote of the majority of the stock of the corporation.

No corporation shall engage in business other than that

expressly authorized in its charter or the law under which it may have been or may hereafter be organized.

III. MEETINGS AND ELECTIONS:

The first meeting shall, unless otherwise provided in act of incorporation, be called by notice signed by one or more of the incorporators named in the act of incorporation, setting forth the time, place and purpose of meeting, and such notice shall be delivered to each member at least seven days before the meeting, or published in some newspaper in the county where the corporation may be established, or, if there be no such newspaper, then in the nearest newspaper. A justice of the peace may, on the written application of two or more members thereof, issue a warrant to either of said members directing him to call a meeting by giving the required notice. Subsequent meetings shall be called by the president and secretary by notice published for ten days setting forth the place, hour and object of such meeting, or, if they fail, a later meeting may be called by any two stockholders.

Two sworn inspectors, not directors, shall be appointed to canvass the vote on election of directors or any other proposition to be voted on at such meeting, and certify the result to the president. In election for directors each stockholder can cast in person or by proxy as many votes in the aggregate as equal the number of shares of stock held by him multiplied by the number of directors to be elected, for one or distribute them among two or more candidates. Directors shall appoint one of their number president and may appoint a treasurer and secretary and other officers as prescribed by the by-laws.

In addition to providing for the management of its property, regulation of its affairs and transfer of its stock, the by-laws of a corporation may provide the time of service and mode of classification of directors, but there shall be an annual election for such number or proportion of directors as may be found upon dividing the entire number of directors by the number of years composing a term. The time and place of such election shall be prescribed by the by-laws (if no time is fixed by the by-laws, then on the second Monday in January), of which time and place two weeks' notice shall be published in a newspaper printed at least once a week in the county; or if there be no such paper, then in a paper published in the State which circulates in the locality. By-laws may be made for the time being by the directors to regulate the manner of taking the votes of stockholders on the question of increasing or diminishing the number of directors or trustees, or changing the corporate name; but by-laws regulating the election of directors must be made at least sixty days before such election.

IV. BOOKS, RECORDS AND REPORTS:

Directors shall keep correct account of their transactions, and have full statements of the condition of the affairs of such corporation, a list of the stockholders, and the number of shares owned by each made out, and a copy thereof delivered or sent by mail to each of the stockholders at least not less than once in each year, ten days before the day of election, and each stockholder may at all proper times have access to the books of the company.

Every mining or other corporation shall make an annual report to the Secretary of State on the first day of July annually, giving the location of its principal business office; names of its president and secretary; amount of its capital stock, both subscribed and paid up, and the par and actual value at the time of making the report; cash value of its real personal property within this State on the first day of June immediately preceding, and the amount of taxes, city, county and State, paid by the corporation in this State for the year last preceding the report. If the corporation is incorporated in any other state, territory or country and doing business or having an office in this State, it shall annually on the first day of July report to the Secretary of State the location of its principal office in this State, the name of its principal officer, the cash value of all personal and real property within this State on the first day of June immediately preceding; and the amount of taxes, city, county and State, paid by the corporation in this State for the year immediately preceding. Each of said reports shall be sworn to by the president and secretary if the corporation be organized under the laws of this State, and by its principal officer in this State if organized without this State.

V. LIABILITY OF STOCKHOLDERS:

Stockholders are individually liable for the payment of the full amount of their stock only.

VI. POOLS, TRUSTS AND CONSPIRACIES:

Every corporation, domestic or foreign, must make a yearly verified statement on a blank furnished by the Secretary of State that it is not under agreement with any other company to fix the price or quantity of production of articles, goods or merchandise traded in, manufactured or produced, or the premium to be paid for insurance; and that it is not a member of or interested in any pool or trust.

VII. DISSOLUTION:

The president or secretary of every domestic corporation, upon its dissolution, and the principal officer of every foreign corporation upon its retirement from business in this State, shall file an affidavit to that effect with the Secretary of State.

VIII. FOREIGN CORPORATIONS:

A foreign corporation must maintain an office in this State where legal service may be had upon it and where proper books shall be kept to enable it to comply with the constitutional and statutory provisions governing such corporations. It must file in the office of the Secretary of State a copy of its articles of incorporation, authenticated by the proper authority, and its principal officer in this State shall make and forward immediately to the Secretary of State a statement duly sworn to of the proportion of the capital stock of said corporation represented by its property located and business transacted in the State of Missouri, and it shall be required to pay to the State on said proportion fees required of similar corporations formed within this State. A certificate that it has complied with the law and is authorized to do business therein is then issued by the Secretary of State.

MINING.

I. OWNERS AND LESSEES:

Owners or those having a leasehold interest in lands for mining purposes shall keep a printed statement of the terms, conditions and requirements upon which said lands may be mined or prospected and the time during which the right to mine or prospect thereunder shall continue, posted or hung up in a conspicuous place in the principal office or place of business of such person or company in the county in which the lands are situated, and shall deliver to such person mining or prospecting, on his requesting it, a printed copy of such statement, and all persons digging or mining on said lands after the posting of such statement shall be deemed to have accepted the terms thereof, and upon failure to comply with the requirements of such statement shall forfeit all rights thereunder and the owner or lessee may take possession of the same.

If the owner or lessee shall permit any person to enter and dig for lead ore or other minerals with his consent without complying with the foregoing, and such person shall open any mine or extend any shaft, in good faith, he shall have the exclusive right to continue such work for three years from the time of getting such permit; but such right to work shall be forfeited by failure to work for ten days in any one calendar month, unless such failure was caused by unavoidable circumstances, or by the owner or lessee, or unless such owner or lessee consent thereto.

A royalty must be paid, monthly if demanded, of the same kind and proportionate amount paid by others mining the same kind of ore on the land of the owner or lessee, or the value of such royalty in cash; and if there be no other person mining on said land, then according to the royalty paid by miners on lands nearest thereto. The owner shall have a lien on all such minerals mined for royalty due.

The owner or lessee may purchase all the minerals mined by paying the highest cash price for like minerals mined elsewhere on his land; but if no other is being mined on his land, then the highest price paid for like minerals on lands nearest thereto. Otherwise said minerals may be sold by the miner, after paying the royalty and giving the owner or lessee of the land five days' written notice and opportunity to purchase.

All minerals dug or mined belong to the owner or lessee of the land, and it is a crime for any other person to remove or dispose of them except as modified by consent or law; and treble damages may also be recovered for minerals so mined and carried away.

II. COAL MINING IN CITIES:

Mining for coal is prohibited within the corporate limits of any city, town or village of one thousand inhabitants or over, unless an indemnity bond of not less than one thousand dollars is given. Notice must be given designating the locality for mining, the nature of the mining, and a day fixed for filing and approving the bond in the Circuit Court of the county. Written permission of property owners must be had to mine under any property in said city, under penalty of forfeiture of rights, and a complete and true diagram of said mines must be filed each term in the Circuit Court, made and verified by the county surveyor, showing with reference to the boundaries of such mine and the lots and lands of neighboring owners, the extent of such mines, their drifts, tunnels and excavations, giving the length and breadth of each drift, bank and tunnel, so as to fully inform the court and parties in interest of the extent and character of such mining operations. Mining on leased school lands is prohibited.

Any person owning land adjoining a tract upon which a mine is situated may have such mine and shafts surveyed by the county surveyor by making affidavit before a justice of the peace that the miners have entered the premises of the affiant. Scrapping of ore, except by miner, is prohibited without written consent from the person having control of the mine. Coal and other minerals in place are land, and may be conveyed as such, and when thus conveyed constitute a separate and distinct inheritance.

III. INSPECTION OF MINES:

Two mine inspectors are appointed by the Governor, whose duty it is to see that every necessary precaution is taken to insure the health and safety of the workingmen employed in any mines in this State and that the provisions and requirements provided for are faithfully observed and obeyed.

An inspector has the right to enter, examine and inspect any and all mines and shafts belonging thereto at any reasonable time and take proper steps to enforce the law.

If any person is killed or seriously injured in a mine such fact must be reported at once to the inspector, and if he deem it necessary he shall go to the mine immediately to make suggestions and render assistance and investigate the cause of the accident, and make and keep a report thereof.

An accurate map is required to be made annually of every mine employing ten or more men, showing the veins, inclination of the strata, material deflection in the workings and the boundary lines, and deposited with the clerk of the County Court.

IV. MEASURES OF SAFETY:

Mines must have escapement shafts approved by the inspector; must be properly ventilated and furnished with one hundred cubic feet of air per minute for each man and six hundred feet for each animal; bore-holes provided twenty feet in advance of the working places, and all shafts and slopes must have suitable hoisting apparatus and means for signaling from top to bottom.

Explosives must be kept in a strong box, except so much as may be needed for immediate use, and kept at least one hundred feet from the place of blasting. The owner or operator of the mine shall also keep a sufficient supply of prop timber for use. Coal mines employing five or more persons, worked on the room and pillar plan, shall have two parallel entries, for the ingress and egress of air, and cross-cuts at intervals not to exceed fifty feet.

Only a pure animal or vegetable oil, or other oil as free from smoke, and not the product or by-product of resin, shall be used for mine illumination, and when tested at sixty degrees Fahrenheit, the specific gravity must not exceed twenty-four degrees Tagliabue. All oil sold for illuminating purposes in the coal mines of Missouri shall be contained in barrels or packages, branded conspicuously with the name of the dealer, the specific gravity of the oil, and the date of shipment.

V. WEIGHT OF COAL:

A sworn weighman shall weigh the output of coal mines, and the miners may employ a check weighman. The screening of coal at mines employing miners at bushel or ton rates is prohibited, and a penalty is also provided for false weighing or false scales.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF MONTANA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by the Editor of SANDERS' EDITION OF THE MONTANA CODES, Helena, Montana.

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COMMERCIAL LAW.

I ACKNOWLEDGMENTS:

Proof of acknowledgment may be made within this State before a justice of the Supreme Court or a judge of the District Court, a clerk of a court of record, county clerk, justice of the peace, or a notary public. It may be made without the State before a justice, judge, or clerk of any court of record of the United States of any state or territory, before a commissioner appointed by the Governor for that purpose, a notary public, or any other officer of any state or territory where the acknowledgment is made, who is authorized by its laws to take such proof of acknowledgment; and in foreign countries before any minister, commissioner or charge d'affaires resident and accredited in the country where the proof of acknowledgment is made; before any consul, vice-consul, or consular agent of the United States, any judge of a court of record, a notary public, or commissioners appointed for such purpose by the Governor, pursuant to special statute.

Any officer taking such acknowledgment must indorse thereon, a certificate of the authority of the person making the same. Certificates of acknowledgment must be authenticated. Proof of execution, when not acknowledged, may be made by the party executing it, by a subscribing witness, or by proof of the handwriting of the party, when the parties and all subscribing witnesses to the instrument are dead, when they are all non-residents of the State, or when their whereabouts cannot be learned. Every conveyance in writing of, or affecting real property, must be acknowledged or proved and certified.

II. ALIENS:

Resident aliens may take in all cases by succession as citizens, and no person capable of succeeding under the laws of this State is precluded from such succession by reason of the alienage of any relative; but no non-resident foreigner can take by succession unless he appears and claims such succession within five years after the death of the decedent to whom he claims succession. In the event he does not so appear and lay claim to his right, the District Court on information must direct the attorney general to reduce the property to his, or the possession of the State; or to sell the same and deposit the proceeds in the State treasury for the benefit of such non-resident alien, or his legal representatives, to be paid whenever within five years after such deposit, satisfactory proof is produced that he is entitled to the same. Upon such proof it is the duty of the auditor and treasurer to deliver the proceeds to the claimant, who must receipt therefor. If no claimant appears, the property escheats to the State. Those who succeed to the property of the decedent are liable for his debts and obligations. When a citizen of the United States has a right of action against an alien subject of any country at war with the United States, the statute of limitations does not run against him during the continuance of the war.

III. ASSIGNMENTS:

In all assignments of property made by any person, association, corporation, co-partnership, or chartered company, the wages of miners, mechanics, salesmen, servants, clerks or laborers employed for services rendered within sixty days immediately previous to such assignment, not to exceed two hundred dollars for each person, are preferred claims, and must be paid by the assignee or trustees, before any other creditors of the insolvent.

An assignment, to be valid and binding, must be in writing, subscribed by the assignor, or his agent thereto authorized in writing. It must be acknowledged in the manner provided by the law governing acknowledgments, and recorded and filed with the county clerk of the county in which the assignor resided at the date of assignment, but if he did not then reside in the State, then with the clerk of the county in which his principal place of business was situated, or in which the principal part of the assigned property was located. The assignment must be accompanied by the affidavit of the assignor and assignee

that such assignment is made in good faith, for the benefit of the creditors of the assignor and without any design to hinder, delay or defraud such creditors. The assent of the assignee, subscribed and acknowledged by him, must appear in writing attached thereto.

Within twenty days after the assignment, the assignor must make and file a full inventory, accompanying the assignment, showing names of all the creditors; their places of residence, if known; the sum owing each, and the nature of the debt or liability; whether arising on written security, account, or otherwise; the true consideration of such liability and the place where it arose; every existing judgment, mortgage or other security for the payment of any debt or liability of the assignor; all property of the assignor at the date of assignment which is exempt by law from execution; all the assignor's property at such date, both real and personal of every kind, not so exempt, and the incumbrances thereon existing; all vouchers and securities relating thereto, and the value of such property, according to the best knowledge of the assignor. Such inventory must be accompanied by the affidavit of the assignor to the effect that the same is just and true according to the best of his knowledge and belief. If the assignor fail or refuse to make such inventory, then the assignee shall within thirty days thereafter, make such an inventory as he is able. The time for making such assignee's inventory may be extended by the court, but if he fail to make it, the District judge shall require him to appear and show cause why he shall not be removed from his trust. All books and papers of an assignment shall at all times be open to the inspection of any creditor.

An assignment is void against creditors, purchasers and incumbrancers in good faith and for value if not recorded within twenty days after the date of assignment. Within thirty days after such assignment the assignee must enter into a bond to the State in a sum fixed by the judge of the District Court in which the inventory is filed, with sufficient sureties approved by the court, conditioned for the faithful discharge of the trust, which bond must be filed in the same office with the original inventory. After six months from the date of assignment, on petition of any creditor, the assignee may be required to account to the District Court of the county where the inventory was filed. No assignment after being recorded can be amended or modified without the consent of all the creditors.

IV. ATTACHMENTS:

A writ of attachment must be issued by the clerk of the court, upon receiving an affidavit by or on behalf of the plaintiff showing that the defendant is indebted in a specified sum, over and above all legal counter-claims, upon a contract express or implied for the direct payment of money, and that the payment of the same has not been secured by any mortgage or lien upon real or personal property, or any pledge of personal property; or, if originally so secured, that such security has, without any act of the plaintiff or the person to whom the security was given, become worthless; and that the attachment is not sought, nor the action prosecuted to hinder, delay or defraud any creditor of the defendant.

Before issue of said writ, the plaintiff must give an undertaking, with two sufficient sureties, in a sum not less than double the amount claimed by the plaintiff, if such sum be one thousand dollars or under; or if it exceed one thousand dollars, then in a sum equal to the amount (but not in any case to exceed ten thousand dollars), to the effect that if the defendant recover judgment, or if plaintiff is not entitled to the attachment, he will pay all costs that may be awarded to the defendant. The defendant has five days within which to except to the sufficiency of plaintiff's sureties. If he take exceptions, the sureties must justify before a judge or clerk of the District Court, and upon failure to justify, the judge or clerk shall issue an order vacating the writ of attachment.

The sheriff to whom the writ is directed must execute the same without delay, and if the defendant do not give him security by the undertaking of two sufficient sureties, in an amount sufficient to satisfy the claim, he must then attach enough property to satisfy the plaintiff's demand.

If personal property attached be claimed by a third person, he shall give notice thereof to the sheriff, and deliver to him an affidavit of his claim, and unless the plaintiff within ten days after receiving such notice, give the sheriff a good and sufficient bond to indemnify him by reason of retaining such property, the sheriff shall deliver the same to the person claiming ownership. If after judgment for the plaintiff, any balance remain, the sheriff shall deliver to the defendant the attached property remaining in his hands, and any cash proceeds unapplied on the attachment.

If the defendant recover judgment, any undertaking received in the action, all the proceeds of sales and money collected by the sheriff, and all property attached must be delivered to the defendant or his agent; the order of attachment shall be discharged and the property released therefrom.

Personal property mortgaged may be taken on attachment or execution issued at the suit of a creditor of the mortgagor; but before the property is so taken, the officer must pay or tender to the mortgagee the amount of the mortgage debt and interest, or must deposit the amount thereof with the county treasurer of the county in which the mortgage is filed, payable to the order of the mortgagee; and when the property then taken is sold under process, the officer must apply the proceeds to the repayment of the sum paid to the mortgagee, with interest from the date of such payment; and the balance, if any, in like manner as the proceeds of sales under execution are applied in other cases.

Live stock on ranges may be attached, and it is sufficient service of process to file with the county clerk of the county wherein the stock is running a copy of the service of process out of the court in which the action is pending, with an accompanying notice containing the number and a description, as near as may be, of the stock by means of marks and brands, that such property is attached and levied upon, in pursuance of such process. Said notice must be filed within fifteen days after receipt of such process for service.

V. CLAIMS AGAINST ESTATES:

After the death of decedent, his executor or administrator must, immediately after his appointment, publish in some newspaper in the county, or in such newspaper as the court may designate, once a week for four weeks, a notice to the creditors of decedent, requesting them to present, with necessary vouchers, their claims against his estate, at the executor's or administrator's place of business. If the estate exceed in value the sum of ten thousand dollars, the time expressed in the notice must be ten months, otherwise four months. After said notice is given, a copy thereof with affidavit of publication must be filed, and an order showing that due notice to creditors has been given must be entered in the minutes of the court.

All claims arising upon contracts, whether the same be due, not due or contingent, must be presented within the time mentioned or forever barred; provided, that if it be made to appear to the satisfaction of the court that the claimant had no notice by reason of being out of the State, it may be presented at any time before an order of distribution is entered. Nor does this provision affect or limit the time of foreclosure of mortgages upon real property of the decedent, whether heretofore or hereafter executed.

Every claim due must be presented first to the executor or administrator, supported by an affidavit that the amount is justly due, that no payments have been made thereon which are not credited, and that there are no offsets to the same to the knowledge of the affiant. If the claim is not due or is contingent, such must be stated. If the claim is made by any other than the one to whom it is due, the reason therefor must be set forth in the affidavit. Every executor and administrator has the right to allow or reject any claim, and if he allow it, it must be presented to the judge for his approval. If the claim is presented within the time limited but not acted upon by the executor or administrator until after the period expires, such claim is deemed presented in time. Every claim allowed by the executor or administrator, and approved by the judge, must within thirty days thereafter be filed in the court, an acknowledged debt of the estate to be paid in course of administration. If the claim be founded on a bond, bill, note or other instrument, a copy thereof must accompany the claim. If the claim is secured by a mortgage, or other recorded lien, a description thereof shall be sufficient. If a claim is rejected either by the executor, administrator or judge, the holder thereof must bring suit in the proper court within three months after its rejection, if it be then due, or within two months after it becomes due. If an action is pending against the decedent at the time of his death, the plaintiff must present his claim to the executor or administrator for allowance or rejection as in other cases required.

A judgment rendered against an executor or administrator, upon any claim against the estate, only establishes the claim in the same manner as if it had been allowed at first, and the judgment must be that the executor or administrator pay in due course of administration the amount ascertained to be due. No such judgment shall create any lien on the property of the estate or give to the judgment creditor any priority of payment. A judgment rendered against a decedent, dying after verdict, but before judgment is rendered thereon, is not a lien on the property of the decedent, but is payable in due course of administration. In cases of doubt as to the validity of the claim against the estate, the executor or administrator may agree with the claimant to leave the matter to a referee, who has the same powers, and is subject to the same control as in other cases of reference.

VI. COURTS:

The Supreme Court, consisting of a chief justice and two associate justices, holds annually four terms, commencing on the first Tuesdays of March, June, October, and December. The jurisdiction of the Supreme Court is of two kinds, original and appellate. In the exercise of its original jurisdiction it has power to issue writs of mandamus, certiorari, prohibition, injunction and habeas corpus, and all other writs necessary to the complete exercise of its appellate jurisdiction. Its appellate jurisdictio

extends to all cases at law and in equity. It may affirm, reverse or modify any judgment or order appealed from, and may direct the proper judgment or order to be entered, or direct a new trial or further proceedings to be had. Its judgment in appeal cases must be remitted to the court from which the appeal was taken. No action to obtain an injunction must be commenced in the Supreme Court, except in cases where the State is a party, or in which the public is interested, or the rights of the public are involved, but the proper District Court has jurisdiction of all other injunctions.

There are in this State eleven judicial districts. District Courts must be always open for the transaction of business, except on legal holidays and non-judicial days. Where one judicial district comprises more than one county the judge must fix the terms of court in each county in his district, which must be held at the county seat, and there must be at least four terms a year in each county. The jurisdiction of the District Court is of two kinds: original and appellate. It has original jurisdiction in all cases at law and in equity, including all cases which involve the title or right of possession of real property, or the legality of any tax, impost, assessment, toll or municipal fine; in all cases in which the debt, damage, claim or demand, exclusive of interest, or the value of the property in controversy exceeds fifty dollars; in all criminal cases amounting to felony; in all cases of misdemeanor not otherwise provided for, actions of forcible entry and unlawful detainer, matters of probate, actions of divorce, and for the annulment of marriage; and for all such special actions and proceedings as are not otherwise provided for. It has the power of naturalization, and to issue papers therefor, in all cases where it is authorized to do so by the laws of the United States. It also has power to issue, hear and determine writs of mandamus, quo warranto, certiorari, prohibition, injunction and other original remedial writs, and also all writs of habeas corpus, or petition by, or on behalf of any person held in actual custody in its district. It has appellate jurisdiction in such cases arising in Justices' and other inferior courts, as may be prescribed by law. There are also Justices' and Police Courts who possess limited jurisdiction to hear and determine such petty offenses as usually come before them. They have a common law jurisdiction in cases involving sums to three hundred dollars.

VII. FEES:

Acknowledgment: before notary public, including certificate and seal for first signature	$1.00
For each additional signature	.50
Before justice and clerk of court, the same as before notary public.	
Attachment: Mileage 15 cents, and for serving writ	1.00
Appeal: From Justice's Court	2.50
From District Court	5.00
Filing in Supreme Court	10.00
Commencement of suit in Justices' Court: On issuance of summons	2.50
When issue joined	2.50
From prevailing party on judgment	2.50
Commencement of suit in court of record: Filing complaint	5.00
Filing answer	2.50
Corporation: For each $1,000 of capital stock	.50
For excess of $1,000,000, per $1,000	.25
(No fee to exceed $1,000.)	
Mandamus	10.00
Reverse for mining: No fee charged. Net proceeds of mines are taxed.	
Probate: At time of filing petition for letters testamentary	5.00
On return of inventory, if estate exceed $1,500, additional	5.00
If between $3,000 and $10,000, additional, etc	10.00
Protest: For drawing and copying copy of protest for non-payment of promissory note, or for non-payment or non-acceptance of a bill of exchange, draft or check	1.00
For drawing and serving every notice of non-payment of a promissory note, or of non-payment or non-acceptance of a bill of exchange, order, draft or check	1.00
For recording every protest	1.00
Record: For filing and recording each instrument allowed by law to be recorded, except as hereinafter provided, for first folio	.30
For each subsequent folio or fraction thereof	.15
For each entry in index	.10
For certificate that such instrument has been filed and recorded with seal affixed	.50
For searching any index, record of files of the office, for each year, when required, in abstracting or otherwise	.15
For abstract of title	.50
For a copy of any record or paper, for each folio	.15
For filing and recording each declaratory statement of location of quartz or placer mining claim, mill site claim, or notice of appropriation of water, including indexes	2.00
For filing and indexing each chattel mortgage, writ of attachment, execution, certificate of sale, lien or other instrument required by law to be filed and indexed	1.00
For issuing marriage license and recording certificate	2.00
For recording and platting each townsite or map, for each lot up to and including 100	.25
For each additional lot in excess of 100	.05
For recording the field notes of survey of any townsite, per folio	.20
For filing, recording and indexing each affidavit of annual labor on mining claim, for each claim named therein	1.00
For filing and indexing each certificate of incorporation, or annual statement of any corporation	1.00
For each entry of discharge or satisfaction of mortgage, lien, or other instrument, on the margin of the record thereof upon the original instrument, and noting same in index	.25
For administering an oath, with certificate and seal, except in application for pensions for which no charge is made	.50
For taking and certifying an acknowledgment, with seal affixed for each signature thereto	.50
For filing and indexing each affidavit for renewal of chattel mortgage	.50
For filing and indexing each affidavit of butcher, of brands of cattle slaughtered	.50
For recording and indexing transcripts in estray and lost cases	.50
Sheriffs: For service of summons and complaint on each defendant, besides mileage	1.00
For levying and serving each writ of attachment or execution on real or personal property, besides mileage	1.00
For service of attachment on the body or order of arrest of each defendant, besides mileage	1.00
For service of affidavit, order or undertaking in claim and delivery, besides mileage	1.00
For serving subpoena for each witness, besides mileage	.30
For serving a writ of possession or restitution	2.00
For trial of the right of property or damages, including all services except mileage	3.00
For taking bond or undertaking	1.00
For serving every rule, notice or order, besides mileage, on each person	1.00
For copy of any writ, process or other paper when demanded or required by law, for each folio	.20
For advertising any property for sale on execution, or under any judgment or order of sale, exclusive of the costs of publication	1.00
For executing in duplicate a certificate of sale, exclusive of filing the same	1.00
For drawing and executing sheriff's deed, including acknowledgment	3.00
For each mile actually traveled in serving writs, etc	.15
Transcription: Per folio from .05 to	.20
Witness: In courts of record, per day	3.00
In courts not of record, per day	1.50
Witness fees taxed as costs to losing party.	

VIII. DEEDS:

No conveyance can be made to one conditionally. Delivery either to him or to his agent as such, is absolutely necessary, and the instrument takes effect thereupon, discharged of any condition on which the delivery is made. It may be deposited with a third person to be delivered upon performance of a condition. A transfer of a thing carries with it all its incidents, but the transfer of an incident to a thing does not transfer the thing itself. Every grant of an estate in real property is conclusive against the grantor, also against every one subsequently claiming under him, except a purchaser or incumbrancer who in good faith, and for a valuable consideration, acquires a title or lien by an instrument that is first duly recorded. A grant of an estate of inheritance or fee simple, implies the covenants that the grantor has not conveyed the estate previously to another than the grantee, and that at the time of the conveyance, the property is free from any incumbrance, the term "incumbrance" including taxes, assessments and all liens upon real property.

Every conveyance of real property, acknowledged or proved, certified and recorded as prescribed by law, from the time it is filed with the county clerk for record, is constructive notice of the contents thereof to subsequent purchasers and mortgagees; but an unrecorded instrument is valid as between the parties and those who have notice thereof. Every conveyance of real property other than a lease for a term not exceeding one year is void as against any subsequent purchaser or incumbrancer in good faith and for a valuable consideration, whose conveyance is first duly recorded.

IX. DEPOSITIONS:

The deposition of a witness out of the State may be taken at any time after the service of the summons or the appearance of the defendant, and in a special proceeding at any time after a question of fact has arisen

therein. The testimony of a witness out of the State is taken upon commission issued under seal of the court, upon five days' notice to the other party.

The testimony of a witness in this State may be taken by deposition in an action at any time after the service of the summons or appearance of the defendant, and in a special proceeding after a question of fact has arisen therein, in the following cases: 1. When the witness is a party to the action or proceeding; or an officer or member of a corporation which is a party to the action or proceeding, or a person for whose immediate benefit the action or proceeding is prosecuted or defended. 2. When the witness resides out of the county in which his testimony is to be used. 3. When the witness is about to leave the county where the action is to be tried. 4. Where the witness is too infirm to attend, or where his testimony is necessary but his presence impossible.

In this State, depositions may be taken before any officer authorized to administer oaths, upon notice of time and place of the examination to the adverse party. Such notice must be five days previous to the date of examination, with an additional day for every twenty-five miles the adverse party has to travel. Such deposition must be subscribed by the witness, certified by the officer taking the deposition, and sent to the clerk of the court in which the action is pending. Depositions may be taken in this State to be used in other states by a commission and affidavit from the court of the other state in which the action is pending, that the testimony of the witness in this State is material.

X. DESCENT:

The property, both real and personal, of one who dies without disposing of it by will, passes to the heirs of the intestate subject to the control of the District Court, and to the possession of any administrator appointed by that court for the purposes of administration. A wife cannot deprive her husband of more than two-thirds of her real or personal property, by will, except with his written consent.

The laws of this State, under this title, are similar to those contained in the Civil Code of California, differing verbally in a few respects, but not substantially.

XI. EXECUTIONS:

Execution may issue at any time within six years after entry and judgment. It may be made returnable at any time not less than ten nor more than sixty days after its receipt by the sheriff, to the clerk with whom the judgment roll is filed. Executions issued on judgments may be enforced by the personal representatives of the judgment creditor in the event of his death. In case of the death of the judgment debtor, execution may issue with the same effect as if he were living. Personal property is first levied on. One year is allowed for redemption of real property sold under execution.

XII. EXEMPTIONS:

Wearing apparel of judgment debtor and family, also furniture to the value of two hundred dollars; household goods and provisions sufficient for three months; one horse, saddle and bridle, two cows with their calves, four hogs and fifty domestic fowls; and feed for such animals for three months. To the farmer: usual personal schedule, and implements of husbandry to the value of six hundred dollars; also seeds, grain and vegetables, actually on hand, not exceeding two hundred dollars in value. Libraries, teams and instruments of professional men. Mechanics' tools and implements necessary for his trade. Miner's cabin and tools, and sluices not exceeding one thousand dollars in value. Wages of laborer for thirty days preceding the levy, where necessary for the support of his family. Teamster's horse, mule or two oxen, and cart or wagon. Homesteads, not exceeding one hundred and sixty acres in the country, a quarter of an acre if within a town plat, city or village, and in each case limited to two thousand five hundred dollars in value, but a homestead is subject to execution in satisfaction of judgments obtained before the declaration of homestead was filed for record, and which constitute liens upon the premises; also on debts secured by mechanics', laborers' or vendors' liens upon the premises; on debts secured by mortgages on the premises, executed and acknowledged by the husband and wife, or by an unmarried claimant; and on debts secured by mortgages upon the premises, executed and recorded before the declaration of homestead was filed for record.

XIII. HOMESTEAD:

A homestead may be selected and claimed consisting of any quantity of land not exceeding one hundred and sixty acres used for agricultural purposes, and the dwelling house thereon and its appurtenances, and not included in any town plat, city or village; or a quantity of land not exceeding one quarter of an acre, being within a town plat, city or village, and the dwelling house thereon and its appurtenances. In either case, the value of the homestead shall not exceed two thousand five hundred dollars. In order to select a homestead, the husband or other head of a family must execute and acknowledge in the same manner as a grant of real property is acknowledged, a declaration of homestead and file the same for record. It must show that the person making it is the head of the family; and if made by the wife it must state that the husband has not made such declaration and she does it for their joint benefit. It must state that the person making it is residing on the premises and claims them as a homestead. It must describe the premises and give an estimate of their actual cash value. Such declaration upon being filed in the office of the county in which the land is situated, constitutes a homestead. Upon the death of either husband or wife, it descends to their heirs or devisees, subject to the use of the surviving member during his or her life.

XIV. INTEREST AND USURY:

The rate of interest is not fixed or limited in this State, and parties may agree in writing upon any rate to be computed both before and after maturity. In the absence of any agreement, ten per cent per annum is collectible on bonds, bills, promissory notes, or other instruments in writing after they become due and on judgments after rendition; also on money lent, money due on settlement of accounts and ascertaining the balance due, on money received for the use of another and retained without the owner's knowledge, and on money withheld by an unreasonable and vexatious delay. In all cases other than those enumerated, the party seeking to recover interest must show that it was due and that the detention of it was by an unreasonable and vexatious delay, which must be alleged.

XV. JUDGMENTS:

From the time a judgment is docketed it becomes a lien upon all real property of the judgment debtor not exempt from execution, in the county in which said property owned by him is situated, either at the time, or which may afterward and before the lien expires be acquired by him. The lien continues for six years, unless the judgment be previously satisfied. Transcripts of the original docket, certified by the clerk, may be filed with the District Court clerk of any other county, and from the time of filing the judgment becomes a lien upon the property of the judgment debtor in such counties, with like effect and for like time as in the county where the judgment is docketed.

XVI. LIENS:

Every mechanic, builder, lumberman, artisan, workman, laborer, or other person, association, partnership, or corporation that shall do or perform any work and labor upon or furnish any material, machinery or fixture for any building, erection, bridge, flume, canal, ditch, mining claim, quartz lode, city or town lot or lots, ranch, railroad, telegraph, telephone or electric light line, gas-pipe or water-pipe line or other improvements, upon complying with the following provisions shall have for his work or labor done, or material, machinery or fixtures furnished, a lien thereon and therefor.

He must within ninety days after the completion of the work file in the office of the county clerk and recorder of the county of the locus of the property a just and true account of the amount due or owing to him after allowing all credits, and containing a correct description of the property to be charged, verified by his affidavit. The said lien extends to all the interest the person for whom the material was furnished or work done has in the property upon which the improvements are made to the extent of one acre if outside of the city limits, and to the whole lot if within said limits.

All liens filed within thirty days of the filing of the first lien shall be liens of the first class, and share pro rata and be first satisfied on foreclosure. All liens filed after said thirty days and within sixty days shall be liens of the second class and share pro rata after the first class liens are satisfied.

All liens for material furnished and work and labor done shall have priority to and precedence over any mortgage incumbrance or other lien made subsequent to the commencement of the work on any contract for the erection of such building, structure or other improvement.

Every person, including guardians of minors, married women, and any company, association or corporation, not tenants or lessees, for whose use, benefit or enjoyment any building, structure or improvement as heretofore mentioned shall be constructed, repaired or altered, shall be deemed the owner or proprietor thereof for the purposes of the said liens.

Liens are foreclosed by suit in the District Court, which must be commenced within one year from the filing of the said liens. In case of the death of the employer, the wages of each miner, mechanic, salesman, clerk, etc., not exceeding two hundred dollars in amount and contracted within sixty days preceding such death, rank in priority next after the funeral expenses, expenses of last sickness, the charges and expenses of administering upon the estate, and the allowance to the widow and infant children and must be paid before other claims against the estate of the deceased person. In actions against the estate by persons other than miners, mechanics, salesmen, servants, clerks or laborers, who have claims for labor done, the persons enumerated may give notice of their claims and the amounts thereof, with accompanying affidavit, to the parties plaintiff and defendant in the action. Service may be made in any case before the actual sale of the proper

to satisfy the claim in such pending action, and if the claim is not disputed by debtor, creditor or party plaintiff, the officer serving said notice and claim must pay said mechanic, miner, etc., the amount of his claim for services rendered within sixty days next preceding the levy of the writ, not exceeding two hundred dollars. But if said claim is disputed then the person making it must bring suit within ten days after notice of such dispute is served on the claimant, for the recovery thereof.

A homestead is subject to a lien for material furnished as well as for labor.

A reasonable attorney's fee is recoverable as costs against defendants in foreclosure of liens for material or labor.

XVII. LIMITATIONS:

In actions for the recovery of real property, suit must be brought within ten years from the time plaintiff, his ancestor, predecessor or grantor was seized or possessed of the property in question. Actions for dower must be brought within the same time after the death of the husband. No action or defense to an action concerning real property, or rents or profits arising from the same can be effectual unless it is shown that the person prosecuting the suit or making the defense, or his ancestor, predecessor or grantor, was seized of the property within ten years of the commencement of the action. No entry upon real estate is deemed sufficient as a claim unless an action be commenced within one year after such entry, and within ten years from the time when the right to make it descended or accrued. Possession of tenant is deemed to be possession of landlord until the expiration of ten years from the termination of the tenancy. Actions for the recovery of mining claims (lode claims excepted) shall not be maintained unless it appears that the plaintiff or his assigns was seized or possessed of such mining claim within one year before the commencement of the action.

In actions other than for the recovery of real property, the periods for commencing proceedings are as follows:

Within ten years: 1. Upon a judgment or decree of any court of record of the United States, or of any state within the United States. 2. For mesne profits of real property.

Within eight years: Upon any contract, obligation or liability founded upon an instrument in writing.

Within five years: 1. Upon a liability created by statute, other than a penalty or forfeiture. 2. For trespass on real property. 3. For taking, detaining or injuring any goods or chattels, including actions for the specific recovery of personal property. 4. For relief on the ground of fraud or mistake; cause of action not to accrue until discovery of the mistake. 5. To establish a will. 6. Upon a judgment or decree rendered in a court not of record.

Within three years: 1. Upon a contract, account, promise, obligation or liability not founded on an instrument in writing. 2. Against a sheriff, coroner or constable upon a liability incurred in the doing of an act in his official capacity, including the non-payment of money collected on an execution, but this does not apply to an action for an escape. 3. To recover damages for the death of one caused by the wrongful act or neglect of another.

Within two years: 1. Upon a statute for a penalty or forfeiture when the action is given to an individual or to an individual and the State, except where the statute imposing it prescribes a different limitation. 2. Upon a statute or upon an undertaking in a criminal action, for a forfeiture to the State. 3. For libel, slander, assault, battery, false imprisonment or seduction.

Within one year: 1. Against a sheriff, or other officer for an escape of a prisoner arrested or imprisoned on civil process. 2. Against a municipal corporation for damages or injuries to property caused by a mob or riot; or by a municipal corporation for the violation of any city or town ordinance. 3. Against an officer or officer de facto, to recover any goods, wares, merchandise, or other property, seized by any such officer in his official capacity as tax collector, or to recover the price or value of such goods so seized or to recover damages for their seizure, detention or sale, or for damages done to any person or property in making such seizure.

Within six months: 1. Actions to recover stock sold for a delinquent assessment. 2. On claims against a county which have been rejected by a county commissioner. 3. For killing or injuring stock by a railroad company or corporation.

An action for relief not hereinbefore provided must be commenced within five years after the cause of action shall have accrued.

There is a question as to the validity of the enactment adopted March 9th, 1893, as an amendment to the work of the Code Commissioners. It provides, in contravention of the law with reference to right of action within five years, that actions for waste or trespass on real property upon a liability created by statute, other than a penalty or forfeiture; for taking, detaining, or injuring goods or chattels, including actions for the specific recovery of personal property; and actions for relief on the ground of fraud or mistake, the cause of action to accrue at the time of discovery of the mistake, shall be commenced within two years.

The statute does not run while the party is out of the State.

XVIII. MARRIED WOMEN:

Married women may sue and be sued in the same manner as femmes sole. A married woman may be an executrix, administratrix, guardian or trustee, and may bind herself and the estate she represents, without any act or assent on the part of her husband. Her contracts, in respect to her separate property, labor or services, shall not be binding upon her husband, nor render him nor his property liable therefor; but she and her separate property shall be liable on such contracts in the same manner as if she were sole. There is no restriction upon her right to make a will, except she shall not, without the written consent of her husband, deprive him of more than two-thirds of her real or personal estate. She is empowered to make contracts, oral or written, sealed or unsealed; and may waive or relinquish any right or interests in any real estate, personally or by attorney, the same as if she were a femme sole. No estate is allowed the husband as tenant by curtesy upon the death of his wife. No estate in the real property of a married woman passes by any grant purporting to be executed or acknowledged, unless the instrument is acknowledged by her in the manner prescribed under "I. Acknowledgments," above.

XIX. MORTGAGES:

Mortgages of real property are acknowledged or proved, certified or recorded, in the same manner and with the like effect as grants. Mortgages, deeds of trust, or assignments for the benefit of creditors, of both real and personal property executed by a corporation, are governed by the law relating to mortgages or deeds of trust of real property, and must be recorded in the office of the county clerk of every county where any part of said property is situated, and the same are valid, notwithstanding the possession of such property is retained by such corporation; but any mortgage deed of trust, or assignment, for the benefit of creditors must be accompanied by an affidavit of all the parties thereto (unless it is a corporation, and then by its president, secretary or managing agent) that the same is made in good faith to secure the amount named therein, and without any design to hinder, delay or defraud creditors, and must be acknowledged and filed.

Chattel mortgages must be signed or acknowledged in the same manner as conveyances of real property, and be accompanied by an affidavit of all the parties that the same is made in good faith, without any design to hinder or delay the creditors of the mortgagor, and to secure the amount named therein. They are good against third persons from the date they are filed of record to the maturity of the indebtedness secured thereby, and sixty days thereafter; provided, the entire time does not exceed one year and sixty days. They may be renewed by an affidavit subscribed and sworn to by the mortgagee, and filed in the office where such mortgage is filed, at or before the maturity of the debt secured thereby, in case the same or any part thereof is not paid; said affidavit showing the date of such mortgage, the names of the mortgagor and mortgagee, the date of filing the same, the amount of the debt secured thereby, the amount owing at the time of such filing, and the time to which the same is extended, which shall not exceed one year.

XX. NOTES AND BILLS:

Every indorser of a negotiable instrument, unless he qualifies his indorsement, warrants to subsequent holders, who are not liable thereon to him, that he has good title, that the signatures of all prior parties are binding on them, and that if the instrument is dishonored, the indorser will on notice, or without notice where it is excused by law, pay the same with interest, unless the indorsement is "without recourse;" or the bill is not presented within ten days after the time it could with reasonable diligence be transmitted to place for presentment; or, if it be a promissory note, on demand or at sight, without interest, it is not presented for payment within six months from date; or, if it be a check, there is delay in presentment, but such indorser is exonerated only to the extent he suffers by the delay.

Presentment must be made if practicable, by the holder to the principal debtor, if he can be found; or, if not, then to some one in charge of the place where presentment should be made. A notice of dishonor may be given by delivering it to the party to be charged, or to his agent, or by transmitting it by mail to his place of residence. Notice of dishonor is excused when the party by whom it should be given cannot, with reasonable diligence, ascertain either the place of residence or business of the party to be charged, or when there is no means of communication between the place of business of the party by whom notice should be given and the town where the party to be charged resides, or when the party to be charged is the same person who dishonors the instrument, or when the notice is waived by the party entitled thereto.

The rights and obligations of the drawer of a bill of exchange are the same as those of the first indorser of any other negotiable instrument. Days of grace are not allowed. Bills must be presented by holder or agent on a business day, within reasonable hours, to the drawee, or if he is absent from his place of business, to some one in charge thereof. The drawee may postpone acceptance until the following day. If the drawee cannot be found,

the bill may be protested for non-acceptance. Acceptance must be made in writing by the drawee or by an acceptor for honor, and may be made by the acceptor writing his name across the face of the bill with or without words. Acceptance of the bill admits capacity of the drawee to draw and endorse it, and if written upon the bill it also admits the same to be genuine and binding upon the drawer; but it does not admit the signature of an endorser to be genuine. On dishonor of a bill by the drawee, and in case of a foreign bill, it may be accepted or paid by any person for the honor of any party thereto. The holder of the bill is not bound to allow it to be accepted for honor but is bound to accept for honor. A bill which has been accepted for honor must be presented at its maturity to the drawee for payment, and notice of its dishonor by him must be given to the acceptor for honor in like manner as to an indorser, after which acceptor for honor must pay the bill. If a bill of exchange payable at sight or on demand is not duly presented for payment within ten days after the time in which it could with reasonable diligence be transmitted to the proper place for presentment, the drawer and indorser are exonerated unless such presentment is excused. The apparent maturity of a bill of exchange is, if it bears interest, one year after its date, and if it does not bear interest, ten days after its date, in addition to a reasonable time to forward it.

Notice of dishonor of foreign bills can be given only by notice of protest made by a notary public. Notice of protest must be given in the same manner as a notice of dishonor, except it is given by notary. Damages are allowed as compensation for interest, re-exchange, etc., upon bills drawn or negotiated within this State, and protests for non-acceptance or non-payment as follows: If drawn upon a person in this State, $2.00 upon each $100.00, of principal sum mentioned in bill; if upon a person outside of this State, but in the United States, $5.00 on each $100.00; if drawn upon any person in any other place in North America or Europe, $10.00 upon each $100.00; if in any other place, $15.00 upon each $100.00.

XXI. REDEMPTION:

The judgment debtor or redemptioner may redeem any time within one year after the sale, on paying the purchaser the amount of his purchase with one per cent per month thereon in addition, up to the time of redemption, together with the amount of any assessment or taxes which the purchaser may have paid thereon after purchase, and interest on such amount; and if the purchaser be also a creditor having a prior lien to that of the redemptioner, other than the judgment under which such purchase was made, the amount of such lien with interest. The property may be redeemed from any previous redemptioner, within sixty days after the last redemption, on paying the sum paid on the last previous redemption, with two per cent thereon in addition, and the amount of any assessment or taxes which the last previous redemptioner paid after the redemption by him, with interest thereon; and the amount of any liens, other than the judgment under which the property was sold, held by the last redemptionér previous to his own, with interest.

XXII. SUITS:

Practice is under the new code which went into effect July 1st, 1895. Defendant has twenty days within which to appear. If he is a non-resident, evades service, or cannot be found, service may be had by publication.

XXIII. TAXES:

Owners of life estates must pay taxes and other annual charges. Covenants "of warranty" and "for quiet enjoyment," include the covenant, on the part of the grantee, to pay taxes and assessments on the land granted.

XXIV. WILLS:

Every person over the age of eighteen years of sound mind may make a will. A will or any part thereof, procured by menace, fraud or undue influence, may be denied probate, and a revocation secured in the same manner, may be declared void. A testamentary disposition may be made to any person capable of taking the property so disposed of, but corporations, other than those formed for scientific, literary, or solely educational purposes, cannot take under a will, unless expressly authorized by statute. Every will, except a nuncupative will, must be in writing; and every will, except an holographic will, and a nuncupative will, must be executed and attested by two witnesses. The destruction, revocation or cancellation of a second will does not revive the first will, unless such intent is manifested in the second will.

CORPORATIONS.

I. ORGANIZATION:

Any three or more persons who may desire to form a company for the purpose of carrying on any kind of manufacturing, mining, mechanical or chemical business; of digging ditches, building flumes, or running tunnels; of purchasing, holding, developing, improving, using, leasing, selling, conveying, or otherwise disposing of water powers and the sites thereof, and lands necessary or useful therefor, or for the industries arising or growing up in connection with the same; of purchasing, holding, laying out, platting, developing, leasing, selling, dealing in, conveying or otherwise using or disposing of town sites or towns, or the lots, blocks or subdivisions thereof, or lots, blocks or subdivisions in any town, village or city; or of carrying on any other kind of business designed to aid in the industrial or productive interests of the country and the development thereof; may make, sign and acknowledge before some officer competent to take acknowledgment of deeds, and file in the office of the clerk of the county in which the business of the company shall be carried on, and a duplicate thereof in the office of the Secretary of State, a certificate in writing, or articles of incorporation, setting forth the name of the corporation, the purpose for which it is formed, the amount of capital stock, the term of its existence (not exceeding forty years), the number of shares of which said stock shall consist, the number of trustees and their names who shall manage the affairs of the corporation for the first three months, and the name of the city, town or locality and the county in which the operations of said company shall be carried on.

The articles of incorporation must be subscribed by three or more persons, and acknowledged by each before some officer authorized to take and certify acknowledgments of conveyances of real property. No corporation shall purchase, locate or hold property in any county, without filing a copy of its articles of incorporation, in the office of the county clerk of the county in which such property is situated, within sixty days after such purchase or location is made.

II. POWERS:

Corporations may increase or diminish the amount of capital stock, extend or change their business, or extend their term of existence, provided the trustees thereof publish a notice signed by a majority of them in a newspaper in the county if any shall be published therein, at least six successive weeks, and mail a written notice to each stockholder at his usual place of business at least six weeks before the date for holding such meeting, giving suitable information as to the purpose of such meeting. A vote of at least two-thirds of the shares of stock is necessary to effect any of the enumerated changes.

III. DIRECTORS:

Every corporation within one month after filing its articles of incorporation must adopt a code of by-laws which must be certified by a majority of the directors and the secretary of the corporation. The corporate powers business and property of all corporations must be exercised, conducted and controlled by a board of not less than three nor more than thirteen directors, to be elected from the stockholders, or members of the corporation They must be elected by ballot to hold their offices one year and until their successors are elected and qualified They must not make dividends except from the surplus profits arising from the business, nor must they divide withdraw or pay to the stockholders any part of the capital stock; nor must they create debts beyond their subscribed capital stock, or reduce or increase the capital stock, except they may divide and distribute such capital stock as remains after the corporation has paid all its debts, upon its dissolution. For a violation of these provisions, the directors under whose administration such irregularities occur, shall be liable jointly and severally to the corporation and its creditors, in the event of its dissolution, to the full amount of the capital stock so divided, withdrawn, paid out or reduced; or debts contracted. At all meetings each stockholder may vote in person or by proxy.

IV. ANNUAL REPORTS:

Every corporation having a capital stock, shall annually before the twentieth of September, make a report which shall state the amount of capital and the proportion thereof actually paid in and the amount of existing debts, which shall be signed by the president, and a majority of the directors including the president, shall be verified by the oath of the president, vice-president or secretary, and shall be published in a newspaper published in the place or near thereto, where the principal office or place of business of the corporation is located and such notice shall also be filed in the office of the clerk of the county wherein such place of business shall be Failure to so publish and file, makes all the directors jointly and severally liable for all the debts of the corporation then existing or which are thereafter contracted until such report is made. But if within ten days after such failure, the director or directors publish and file a aforesaid an affidavit stating that the failure was due to no fault or neglect of their own, and stating also that within the twenty days they requested the president and a sufficient number of the other directors to do so, the they are not liable.

V. LIABILITY OF STOCKHOLDERS:

Stockholders are severally and individually liable to the creditors of the corporation to the amount of unpaid stock held by them respectively for all acts and contracts made by the corporation, until the whole amount

capital stock subscribed for is paid in. No loan of money shall be made by any corporation to any stockholder therein. No one assessment must exceed five per cent of the amount of the capital stock named in the articles of incorporation, except that if the whole capital has not been paid in, and the corporation cannot meet its liabilities, the assessment may be for the full amount unpaid on the capital stock.

VI. CONSOLIDATION:

Upon a two-thirds vote of the capital stock of each of two or more corporations, the boards of directors of such corporations may consolidate their interests, upon such terms as may be agreed upon, but due notice of the proposed consolidation shall be given by publication for one month in a newspaper published in the counties where the corporations shall be.

VII. DISSOLUTION:

Corporations may be dissolved by the expiration of the time limited by their charters, by a judgment of dissolution, or by an act of the legislative assembly. Unless others are appointed by the court, the directors of such corporations at dissolution are trustees of the creditors and stockholders, and have full powers to settle the affairs of such corporations.

VIII. MINING CORPORATIONS:

Mining corporations may establish and maintain agencies in other states of the United States, for the transfer and issuing of stock, and a regular transfer at such agency is as valid and binding as if made within this State. The agencies must be governed by the by-laws and the directors of the corporation. All stock issued at such transfer agencies must be signed by the president and secretary of the corporation and countersigned at issuance by the agent.

The board of directors of any mining corporation, shall not have power to sell, lease, mortgage or otherwise dispose of the whole or any part of the mining ground, quartz mills, smelters, concentrators, etc., of such corporation, without a meeting of the stockholders, notice of which must be sent to each one individually if known, and published in a newspaper in the county in which the principal place of the corporation is situated, for the period of six weeks, notice to appear weekly. If three-fourths of the stockholders, in person or by proxy, appear at such meeting they may proceed to decide the question, and if two-thirds of the shares of the capital stock vote to make the proposed sale, lease or mortgage, then the chairman and secretary of the meeting shall make a certificate showing the total number of shares of stock present, and by whom voted; and the number in favor of and against the proposition. It shall be signed by the chairman and secretary, and verified by their oaths, taken before some officer qualified to administer oaths. Such certificates shall then be spread on the records of the corporation and a copy thereof, duly acknowledged, recorded in the office of the county clerk of every county wherein any of the property affected is situated.

Mining corporations may consolidate as is provided under "VI. Consolidation" above. A certificate of consolidation, however, containing the terms and manner of consolidation, shall be filed in the office of the county clerk of the county in which the original articles of incorporation of any of said corporations shall be filed, and a copy thereof shall be filed in the office of the Secretary of State. Such certificate shall be signed by a majority of each board of directors of the original corporations, and it shall be their duty to call, within thirty days after the filing of such certificate and after at least ten days' public notice, a meeting of the stockholders of all of said mining corporations so consolidated to elect a board of directors for the consolidated mining corporation, for the year then next ensuing.

IX. FOREIGN CORPORATIONS:

All foreign corporations or joint stock companies organized under the laws of this State or of the United States, or of any foreign government, shall, before doing business within this State, file in the office of the Secretary of State, and in the office of the county clerk of the county wherein they intend to carry on business, a duly authenticated copy of their articles of incorporation; and also a statement, verified by the oath of the president and secretary, and attested by a majority of the board of directors, showing the name of the corporation; the location of its principal office or place of business without this State, and if it is to have any place of business or office in this State, the location thereof; the amount of capital stock; the amount of capital stock actually paid in, in money; the amount of its capital stock paid in, in any other way, and in what; the amount of the assets of the corporation and of what they consist, with the actual cash value thereof; and the liabilities, and if any of indebtedness is secured, how secured, and upon what property. All such foreign corporations must file at the same time under their seal, and the signature of their president and secretary, a certificate that said company consents to be sued in the State courts on all causes of action arising against it in this State, and that service of process may be made upon some citizen of this State, whose name and residence shall be given in said certificate. Such agent shall reside at the principal place of business of such corporation, and his written consent to act as such agent shall be filed in like manner.

Any foreign corporation commencing business in this State without complying with the foregoing provisions shall forfeit to the State the sum of twenty-five dollars for every day it shall so neglect to file the same, and all contracts made by such company or its agent during the time of such neglect to file such statement, certificate, etc., shall be void at the option of the other party thereto.

Such corporation shall semi-annually and within twenty days from the first days of January and July of each year make a report containing the same information as is required upon filing the statement accompanying the articles of incorporation, and file the same in the office of the clerk of the county where the business of the company is carried on, and a duplicate in the office of the Secretary of State. Foreign corporations may within ninety days from the date this act goes into effect, comply with the provisions hereof, and thereafter all contracts previously made shall be valid and enforceable.

MINING.

I. CONSTITUTIONAL PROVISIONS:

Ordinance I. to the State constitution provides that: "The people inhabiting the proposed State of Montana do agree and declare that they forever disclaim all right and title to the unappropriated public lands lying within the boundaries thereof," which includes all mineral lands, and that the same shall be and remain subject to the disposition of the United States, and that lands belonging to citizens of the United States residing without the State of Montana shall never be taxed at a higher rate than the lands belonging to the residents thereof.

Article III, Section 25, provides that "aliens and denizens shall have the same right as citizens to acquire, purchase, possess, enjoy, convey, transmit and inherit mines and mining property and milling, reduction, concentrating and other works and real property necessary for or connected with the business of mining and treating ores and minerals, provided that nothing herein contained shall be construed to infringe upon the authority of the United States to provide for the sale or disposition of its mineral or other public lands."

Article XII, Section 3, provides that "all mines and mining claims, both placer and rock in place, containing or bearing gold, silver, copper, lead, coal or other valuable mineral deposits, after purchase thereof from the United States, shall be taxed at the price paid the United States therefor, unless the surface ground, or some part thereof, of such mine or claim is used for other than mining purposes and has a separate and independent value for such other purposes, in which case said surface ground or any part thereof so used for other than mining purposes shall be taxed at its value for such other purposes as provided by law; and all machinery used in mining and all property and surface improvements upon or appurtenant to mines and mining claims which have a value separate or independent of such mines or mining claims, and the annual net proceeds of all mines and mining claims, shall be taxed as provided by law," and the State legislation follows the constitution and makes the surface ground or any part thereof used for other than mining purposes and the improvements, etc., taxable as personal property. Mining property is not taxable except as above stated, until after final proof and payment have been made for patent. Net proceeds of mines only are taxed.

II. LODE LOCATIONS:

Quartz lode locations can be made only after the discovery on a lead, lode or ledge of a vein or crevice of quartz or ore with at least one well-defined wall. Said locations cannot exceed fifteen hundred feet along the lead or lode in length and three hundred feet on each side of the center thereof in width.

After discovery of quartz lode or placer mine, discoverer must within ninety days make and file for record in the office of the county recorder of the county where such discovery is located, a declaratory statement in writing under oath describing the claim in the manner provided by the laws of the United States.

III. ANNUAL REPRESENTATION:

The annual representation is shown by making and filing with the county clerk and recorder within twenty days after the work is done, an affidavit showing:

1. The name and situation of the lode. 2. The number of days work done and the character and value of the improvements placed thereon. 3. The date or dates of performing said labor and making said improvements. 4. At whose instance and request said work was done or improvements made. 5. The actual amount paid for said labor and improvements, and by whom paid, when the same was not done by the owner or owners of said quartz claim.

The affidavit so filed is made prima facie evidence of the facts therein stated.

IV. TUNNEL RIGHTS:

Section 2323, Title XXXII, Chapter 6, Mining Laws, Revised Statutes of the United States, and Paragraph 20, Administrative Regulations, following.

V. RIGHT OF WAY:

The proprietors or owners of mining claims, whether patented under the laws of the United States or held under the local laws and customs of the State, have a right of way under the statute for ingress and egress for necessary purposes over and across the lands or mining claims (patented or otherwise) of others, whenever any mine or mining claim is so situated that it cannot be conveniently worked without a road thereto, or a ditch or a cut to convey the water therefrom, or without a flume to carry water and tailings therefrom, or without a shaft or a tunnel thereto, upon the payment of such damages as shall be assessed by a committee of three who are appointed by the court to assess the damages resulting from such right of privilege.

VI. MILL-SITES:

Mill-sites are located under Section 2337, Title XXXII, Chapter 6, Revised Statutes of the United States, and patented in accordance therewith.

VII. COURT DECISIONS:

The following questions have been passed upon by the Supreme Court and are stare decisis in Montana:

The rights of an adverse claimant are forfeited if he fails, within the time prescribed by the statutes, either to file his adverse claim in the United States land-office or to institute suit in the proper court to decide the same.

A declaratory statement to a mining claim should be sworn to or it will be invalid; and an affidavit to a notice of location which does not state or refer to the date of location is insufficient.

Valid possession of the surface of a lode claim carries the right to and constitutes a possession of veins, lodes or ledges whose tops or apexes are within such surface-lines.

In the language of miners a lode is a vein containing ore; veins are narrow plates of rock intersecting other rock and are the fillings of cracks and fissures. Placers are superficial deposits which occupy the beds of ancient rivers or valleys. In the case of the crossing of veins the prior locator is entitled to all the ore within the space of intersection, but a subsequent locator has a right of way through the same.

The rules and customs of any particular mining district which are reasonable constitute the American common law on mining for precious metals.

A failure to do the representation work on a quartz lode as required by the United States statutes operates as a forfeiture and subjects the claim to re-location, but this forfeiture may be avoided by a bona fide resumption of work before a re-location has been actually made. Representation under the Act of Congress of 1872 is a muniment of title.

A location must be distinctly marked upon the ground so that its boundaries can be readily traced.

The first locators of placer mining ground have no right by custom or otherwise to allow tailings to run free in a gulch and thereby render other claims valueless. They may, however, work their ground with reasonable care, and injuries resulting to other locators would be damnum absque injuria.

A patent to a mining claim being based upon an adjudication of the land department of the United States as to patentee's right thereto, and such adjudication having the effect of a final judgment, is as a rule, conclusive proof of discovery, marking boundaries and the performance of all the requirements necessary to constitute a valid location.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF NEBRASKA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by MORRIS, BEEKMAN & MARPLE, Attorneys-at-Law, Nebraska National Bank Building, Omaha, Nebraska.

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COMMERCIAL LAW.

I. ACTIONS:

There is but one form of action called a civil action. Actions to recover damages for trespass upon or injury to real estate, the partition of real property, or for the sale of real property under a mortgage, lien or other incumbrance or charge, shall be brought only in the county where the real estate affected is situated, and if this be an entire tract and situated in two or more counties the action may be brought in either of such.

Actions for the recovery of a fine, forfeiture or penalty imposed by statute, against a public officer for an act done by him by virtue of or under cover of his office or for neglect of his official duty, on the official bond or undertaking of a public officer, shall be brought in the county where the cause or some part thereof arose. An action against a corporation is brought in the county in which it is situated or has its principal place of business but in the case of insurance companies it may be brought where the cause of action arose, and against railroad stage and turnpike companies an action may be brought in any county through or into which the said road or line passes. An action against a non-resident of the State or a foreign corporation may be brought in any county in which there may be property of or debts owing to said defendant or where the defendant may be found but if the defendant be a foreign insurance company, the the action may be brought in any county where the cause or any part thereof arose. Every other action must be brought in the county in which the defendant or some one of the defendants resides or may be summoned.

Actions are commenced in the District Court and in the County Court, where the claim exceeds two hundred dollars, by the filing of a petition on which summons issues. The other pleadings in their order are the answer or demurrer by the defendant, the demurrer or reply by the plaintiff, the demurrer to the reply by the defendant.

Actions are commenced in the Justice Court and in the County Court where the amount claimed is two hundred dollars or less by the filing of a bill of particulars and the issuing of a summons thereon.

II. ALIENS:

It is a constitutional provision that "no distinction shall ever be made by law between resident aliens and citizens in reference to the possession or descent of property." Persons of foreign birth having declared their intention to become citizens conformably to the naturalization laws of the United States thirty days prior to an election and who have resided within the State six months, in the county forty days and in the precinct township, or ward ten days are qualified electors.

Non-resident aliens and corporations not incorporated under the laws of the State are prohibited from acquiring title to or holding real estate in the State by descent devise, purchase or otherwise, with the following exceptions: The widow and heirs of aliens who have acquired lands prior to the passage of the act taking effect March 16th, 1889, may hold such lands by devise or descent for the period of ten years and no longer. If at the end of such time any such lands so acquired have not been sold to a bona fide purchaser for value or such alien heirs have not become residents of the State they shall revert and escheat to the State. 2. Any non-resident alien owning land in the State at the time of the taking effect of this act may dispose thereof during his life to bona fide purchasers for value and may take security for the purchase money with the same rights as a citizen of the United States. 3. The holders, whether they be non-resident aliens or corporations not incorporated under the laws of Nebraska, of liens upon real estate or any interest therein, whether acquired before or after the

of March 16th, 1889, are not thereby prevented from holding or taking a valid title to real estate subject to such liens, nor from enforcing any lien or judgment for any debt or liability existing at the time of the passage of the act, or which may thereafter be created; nor from becoming a purchaser at any sale made for the purpose of collecting and enforcing collection of such debt or judgment, provided further, that all lands so acquired shall be sold within ten years after the title thereto shall be perfected in such non-resident alien or foreign corporation; and in default of such sale within such time such real estate shall revert and escheat to the State of Nebraska. 4. Nor does this act apply to real estate necessary for the construction and operation of railroads. 5. Nor does it prohibit any non-resident alien or foreign corporation from purchasing and acquiring title to so much real estate as shall be necessary for the purpose of erecting and maintaining manufacturing establishments. 6. Nor does it apply to any real estate lying within the corporate limits of cities or towns.

III. ASSIGNMENTS:

Every assignment to be valid must include all property of the assignor, real and personal, wherever situated, except such as is exempt. Real estate must be described in the deed of assignment precisely as would be requisite in an ordinary deed of conveyance. All property claimed to be exempt shall be separately described. The sheriff of the county where the assignor or assignors reside shall be named as assignee. The assignment must be in writing, executed and acknowledged as in the conveyance of real estate.

Within twenty-four hours thereafter it must be filed for record in the clerk's office of the county of the residence of the assignee. If it conveys real estate it must be recorded in the deed record and entered upon the numerical index of such office, otherwise in the miscellaneous record. Within thirty days after its execution it must be filed for record in every county in the State in which there is real estate conveyed by such assignment and must be recorded in such county.

The sheriff shall immediately upon the execution and delivery of any such assignment take possession of all the assigned estate and he and the sureties on his official bond are liable for the faithful execution of the assignment.

Inventory: Ten days after the assignment the assignor shall file in the county judge's office of the county in which the assignee resides, to be there recorded, an inventory verified by the persons making the same. Such inventory shall show: 1. All the creditors of the assignor. 2. The place of residence of each creditor if known to the assignor, and if not, such fact must be so stated. 3. The sum owing to each creditor and the nature of the debt or liability. 4. The true consideration of the liability, when and where this arose, and whether there has been any renewal or new promise in relation thereto. 5. Every existing mortgage, judgment or other security for the payment of any debt or liability of the assignor. 6. Property of the assignor at the date of the assignment exempt by law from execution. 7. All property, real and personal, wherever situated, not so exempt, and incumbrances thereon and all vouchers and securities relating thereto, and the value of such property in detail.

The county judge shall immediately fix a day not more than fifteen days thereafter for a meeting of the creditors at his office to choose an assignee and notice of such meeting shall be given by newspaper publication and also by mail. At the time fixed in such notice the creditors, or so many as shall be present in person or by proxy, shall choose an assignee by ballot and the sheriff shall be eligible. No person shall be chosen unless receiving the votes of creditors representing a majority of the gross indebtedness and shall also have been voted for by one-third of all the creditors. No creditor shall vote unless his claim be verified by affidavit to be just, reasonable and wholly unpaid to the extent claimed.

Immediately after such meeting the sheriff and the assignee, if any be chosen, shall make an inventory and appraisement of the entire estate and return the same to the County Court. The assignee must give an undertaking in double the amount of the appraised value of all the property, with two or more sureties, to the satisfaction and approval of the county judge, conditioned for the faithful discharge of his duty. On the execution and approval of such bond the sheriff is required to deliver all personal property belonging to such estate to such assignee and to execute and deliver to such assignee, as such, a quit claim deed of all real estate conveyed by such assignment. The assignee shall file additional inventories of any property coming into his hands after the filing of a previous one. The assignee may sue as such and give releases, acquittances and discharges and generally do all things in connection with the estate which the assignor might have done had such assignment not been made.

Upon the day of the creditors' meeting the county judge must fix a day not more than sixty or less than thirty days thereafter within which all claims against the assigned estate must be filed and within which the assignee or assignor or any creditor may file any defense, set-off or counter-claim to any claim that the assignor might have opposed had action been brought upon such claim before assignment. Notice of the fixing of such time shall be given both by advertisement and by letter. Any claim, objection, set-off or counter-claim not filed within the time so fixed is barred. Claims not yet due may be proved. On the day following the day so fixed, all uncontested claims shall be allowed and all contested claims shall be tried in the said court as in ordinary civil actions, but shall not be continued for a longer time than sixty days from the date so fixed. From the judgment of the court allowing or disallowing any such claim in whole or in part, an appeal lies to the District Court.

Upon the approval of his bond the assignee shall advertise and sell the assigned estate as though taken on execution issued out of the District Court. When the entire estate shall have been converted into money there shall be a final distribution thereof in the following order: 1. Payment of fees and court costs. 2. Payment of taxes. 3. Payment of preferred claims in full. 4. Balance divided among all creditors proportionately to their claims. If a contested claim be still in litigation at the time of distribution a dividend shall be declared for it and be retained in the hands of the assignee to await the final result.

Every assignment shall be void against creditors: 1. If it prefer one debt or class of debts over another except a preference to any person of not more than one hundred dollars for wages. 2. If it require any creditor to release or compromise a demand. 3. If it preserve any interest in the property to the assignor or for his benefit before his existing debts have been paid. 4. If it give any power to the assignee different from those provided by law.

A co-partnership estate may be assigned without including the individual property of the partners, or one or more of these may include his or their individual estate in such assignment. In such case separate inventories of the property shall be filed. A co-partnership estate shall be first applied to the payment of co-partnership debts and individual estates to the payment of individual debts, and the balance, if any, in the latter case shall be applied to the payment of partnership debts; the balance, if any, in the former case belonging to an individual partner to the payment of his individual debts.

IV. ATTACHMENTS:

An attachment against the property of the defendant may be had at or after the commencement of a civil action when: 1. The defendant is a foreign corporation or a non-resident of the State. 2. Has absconded with intent to defraud his creditors. 3. Has left the county of his residence to avoid the service of summons. 4. So conceals himself that a summons cannot be served upon him. 5. Is about to remove his property or part thereof out of the jurisdiction of the court with intent to defraud his existing debts have been paid. 4. If it give any power thereof into money for the purpose of placing it beyond the reach of his creditors. 7. Has property or rights in action which he conceals. 8. Has assigned, removed or disposed of his property or part thereof, or is about so to do, with like intent. 9. Fraudulently contracted the debt or incurred the obligation for which suit is brought.

No attachment shall be granted on the ground that the defendant is a foreign corporation or non-resident of the State for any claim other than a debt or demand arising upon contract, judgment or decree.

Before an attachment can issue there must be filed an affidavit of the plaintiff, his agent or attorney, showing: 1. The nature of plaintiff's claim. 2. That it is just. 3. The amount which affiant believes the plaintiff ought to recover. 4. The existence of some one of the grounds for the attachment above given.

An attachment may be had in an action on a claim not yet due where: 1. The debtor has sold, conveyed, or otherwise disposed of his property with intent to defraud his creditors or to hinder or delay them in the collection of their debts. 2. Where he is about to make such sale, conveyance or disposition of his property with like intent. 3. Where he is about to remove his property or a material part thereof with like intent.

An attachment upon a debt not yet due requires an order by the judge before it will issue, and this must specify the amount for which the attachment is allowed, not exceeding a sum sufficient to satisfy the plaintiff's claim and the probable costs of the action; and before the attachment will lie, the plaintiff, his agent or attorney must make oath in writing showing the nature and amount of the plaintiff's claim, that it is just, when it shall become due, and the existence of some one of the grounds for attachment just enumerated. A bond is in all cases required when application is made for attachment on a debt not yet due. (See next paragraph.)

When the ground of the attachment is that the defendant is a foreign corporation or non-resident of the State, an order of attachment will issue without an undertaking; but in all other cases this shall not issue until an undertaking has been filed by the plaintiff with one or more sufficient sureties in an amount not exceeding double the amount claimed, conditioned to pay the defendant all damages which he may sustain by reason of the attachment if such should be wrongfully obtained.

The order of attachment is directed and delivered to the sheriff and requires him to attach the lands, tenements,

goods, chattels, stocks or interest in stocks, rights, credits, monies and effects of the defendant in his county not exempt by law from being applied to the payment of the plaintiff's claim, or so much thereof as will satisfy this and the probable costs of the action, not exceeding fifty dollars.

The sheriff is required to deliver the property attached to the person in whose possession it was found, upon the execution by him of an undertaking to the plaintiff with one or more sufficient sureties, residents in the county, to the effect that the parties to the same are bound in double the appraised value of the property; and that this or its appraised value in money shall be forthcoming to answer the judgment of the court in the action. If the defendant at any time before attachment causes an undertaking to be executed to the plaintiff by one or more sureties resident in the county, to be approved by the court, in double the amount of the plaintiff's claim, to the effect that the defendant shall perform the judgment of the court, the attachment in the action shall be discharged and restitution made of any property taken under it or its proceeds. Provision is made for the appointment of a receiver after attachment and for the sale of perishable property before judgment.

Garnishment Before Judgment: When the plaintiff, his agent or attorney shall make affidavit that he has good reason to and does believe that any person or corporation to be named and within the county where the action is brought has property of the defendant (describing the same) in his or its possession; if the officer cannot get at such property, he shall leave with the garnishee a copy of the order of attachment and a written notice that he appear in court at the return of the order of attachment, and make answer to all questions put to him touching the property and credits of the defendant of every description in his possession or under his control. A refusal to appear may be punished as for contempt. If it is discovered on the examination of the garnishee that at or after the service of the order of attachment and notice upon him he was possessed of property of the defendant or indebted to him, the court will order the delivery of such property and payment of the amount owing the defendant into court, or permit the garnishee to retain the same upon the execution of an undertaking to the plaintiff that the amount will be paid or the property forthcoming as the court may direct. The order of attachment binds the property attached from the time of service and the garnishee is liable to the plaintiff for all property, monies and credits in his hands or due from him to the defendant from the time he is served with the written notice above mentioned.

V. CLAIMS AGAINST ESTATES:

Claims against the estates of deceased persons are paid in the following order: 1. The necessary funeral expenses. 2. The expenses of the last sickness. 3. Debts having preference by laws of the United States. 4. Debts due to other creditors.

If there be not assets enough to pay all the debts of any one class, each creditor of that class shall be paid a dividend in proportion to his claim, and no creditor of any class shall receive any payment until all those of the preceding class be paid.

The estates of decedents are settled in the Probate or County Court except that the District Court authorizes the sale of land for the payment of debts of the estate and in other necessary cases in the settlement thereof. The Probate or County Court has the same power in the case of personal property.

The Probate Court, after giving notice of the granting of letters testamentary or of administration, fixes a time for the presentment and examination of claims against the estate, which time shall not in the first instance exceed eighteen months nor be less than six months from the time of the granting of letters, though this may be extended: provided that the whole time shall not exceed two years from such date.

Every person who shall not exhibit his claim within the time limited by the court shall be forever barred from recovering the same. Appeals lie from the Probate Court to the District Court. A claim should be verified by affidavit when presented. It will be allowed if not contested and in the latter case the rules of procedure and evidence in ordinary civil cases apply.

VI. COURTS:

Terms and Jurisdiction: The judicial power of the State is vested in a Supreme Court, District Courts, County Courts, justices of the peace and police magistrates.

The Supreme Court consists of three judges, and three commissioners appointed by the court. It has original jurisdiction in all cases relating to the revenue, civil cases in which the State is a party, mandamus, quo warranto, habeas corpus and a general appellate jurisdiction by way of appeal and writ of error from the District Courts. Writs in error must be prosecuted within one year after judgment in the District Court and appeals in equity within six months after the rendition of judgment in the District Court.

The District Court has general civil and criminal jurisdiction. Its terms are such as the judges of the separate districts designate each year.

The County Court is a court of record and has original jurisdiction in all matters of probate, settlements of estates of deceased persons, appointment of guardians, and settlement of their accounts. In addition is has the jurisdiction of a justice of the peace, and in civil cases has concurrent jurisdiction with the District Court in any sum not exceeding one thousand dollars, exclusive of costs but has not jurisdiction in: any action for malicious prosecution; actions against officers for misconduct in office, except where like proceedings can be had before justices of the peace; actions for slander and libel; actions upon contracts for the sale of real estate; any matter wherein the title or boundaries of land may be in dispute, or affecting the partition of or sale of real estate. The terms of the County Court commence on the first Monday of each month and extend for two weeks.

Justices of the peace have jurisdiction to try minor criminal offenses and sit as committing magistrates; and have jurisdiction in civil cases to the extent of two hundred dollars, except in actions to recover judgments for assault or assault and battery; for malicious prosecution; against justices of the peace or other officers for misconduct in office, except in proceedings against constables failing to make return or failing to pay over money collected on execution; for slander, verbal or written; or on contracts for real estate, or where the title to real estate is sought to be recovered or may be drawn in question, except that they have jurisdiction of actions for trespass to real estate where the damages claimed do not exceed two hundred dollars. Excepting Sundays and legal holidays the Justice Courts are always open.

VII. DEEDS:

Deeds of real estate or any interest therein, except leases for one year or for less time, must be signed by the grantor, of lawful age, in the presence of at least one competent witness who shall subscribe his name as such thereto, and must be acknowledged as the grantor's voluntary act and deed. The acknowledgment, if in this State may be made before a judge or clerk of any court, a justice of the peace or notary public therein, but no officer can take any such acknowledgment or proof out of his territorial jurisdiction. If executed outside of the State it must be executed and acknowledged either according to the laws of such state, territory or district or in accordance with the law of Nebraska, and such acknowledgment outside of the State may be before any officer authorized by the laws of such state, territory or district to take and certify acknowledgments, or by a commissioner of deeds appointed by the Governor of Nebraska for that purpose. If taken before the latter no further authentication is required to entitle the instrument to record; but in all other cases there shall be attached to the deed or other instrument a certificate of the clerk of a court of record, or other certifying officer of the county, district or state within which the acknowledgment is taken, under the seal of his office, showing that the person whose name is subscribed to the certificate of acknowledgment was at the time thereof such officer as he is therein represented to be; that the certifying officer is well acquainted with the handwriting of such officer that he believes the signature of such officer to be genuine and that the instrument is executed and acknowledged according to the laws of such state, district or territory. If executed in a foreign country it may be so accordingly to the laws of such country, and the acknowledgment may be before a notary public therein or before any minister plenipotentiary, minister extraordinary, minister resident charge d'affaires, commissioner, commercial agent, consul of the United States appointed to reside there in which acknowledgment shall be certified thereon by the officer taking the same, and if taken before a notary public, his seal of office must be affixed to such certificate.

If the grantor die before acknowledgment, or if his attendance cannot be procured in order to make the same or if he refuses to acknowledge the instrument, proof of the execution and delivery may be made by any competent subscribing witness thereto before any officer authorized to take the acknowledgment, and a certificate of such acknowledgment under such circumstances will operate as an acknowledgment.

Deeds and other instruments relating to real estate may be recorded in the office of register of deeds for the county in which the real estate or any part thereof is situated.

The term "heirs" or other technical words are not necessary to convey an estate in fee simple and every conveyance of real estate shall pass all the interest of the grantor unless a contrary intent is to be inferred from the terms used. No seal is required for a valid deed.

VIII. DEPOSITIONS:

The deposition of a witness may be used: 1. When the witness does not reside in the county where the action is pending, or is absent therefrom. 2. When from age, infirmity or imprisonment he is unable to attend or is dead. 3. When the testimony is required upon a motion or in other cases where the oral examination of a witness is not required. It may be taken at any time after service of summons upon the defendant.

Depositions may be taken in Nebraska before a ju

or clerk of the Supreme or District Court, before a probate judge, justice of the peace, notary public, mayor or chief magistrate of any city or town incorporate, or before a master commissioner or any person empowered by special commissioner.

Any court of record or any judge thereof is authorized to grant a commission to take depositions within or without the State. The commission must be issued to a person therein named, by the clerk, under the seal of the court granting the same and depositions under it must be taken upon written interrogatories unless the parties otherwise agree.

Notice to Adversary: Unless taken under the above mentioned special commission, a written notice giving the name of the action, the court in which the deposition is to be used, and the time and place of taking the same shall be served upon the adverse party, so as to allow him sufficient time by the usual route of travel to attend, and one day for preparation, exclusive of Sundays and the day of service. The notice shall specify the names of the witnesses to be examined. Where the place of taking the deposition shall be out of the State, or more than fifty miles from the place of trial of the action, the adverse party, within forty-eight hours after the service of the notice, may serve upon the party taking the deposition, his agent or attorney of record, written cross-interrogatories to be propounded to any witness; and the officer before whom the deposition is taken, shall propound them and they shall be answered subject to objections as in other cases. When the party against whom the deposition is to be read is absent from or a non-resident of the State and has no agent or attorney of record therein, he may be notified of the taking of the deposition by publication.

The deposition shall be written either by the officer taking the same, or in his presence by some disinterested person, and subscribed by the witness. It shall then be sealed up and endorsed with the title of the cause and the name of the officer taking the same, and by him addressed and transmitted to the clerk of the court where the action is pending.

IX. DESCENT:

The degrees of kindred are computed according to the rule of civil law, and kindred of the half blood inherit equally with those of the whole blood in the same degree, unless the inheritance came to the intestate by descent, devise or gift of some one of his ancestors, in which case all those who are not of the blood of such ancestor shall be excluded from such inheritance.

Real Estate: When any person shall die seized of any lands, tenements or hereditaments, not having lawfully devised the same, they shall descend subject to his debts as follows: 1. In equal shares to his children and the lawful issue of any deceased child by right of representation, if there be no child living, then to all his other lineal descendants, and if these are in the same degree of kindred, they shall have the estate equally; otherwise they take according to the right of representation. 2. To his widow for her natural lifetime, and after her decease to his father; and if he shall have no issue or widow, then to his father. 3. To brothers and sisters and to the children of any deceased brother or sister by right of representation equally; provided that if decedent's mother be living, she shall take an equal share with his brothers and sisters. 4. To the mother, failing brothers or sisters, exclusive of the issue, if any, of a deceased brother or sister. 5. To next of kin, in equal degree, excepting that when there are two or more collateral kindred in equal degree, but claiming through different ancestors, those who claim through the nearest ancestor shall be preferred to those claiming through an ancestor more remote, provided, however: 6. If any person died, leaving several children, or leaving one child and the issue of one or more other children, and any such surviving child shall be under age and not having married, all the estate that came to the deceased child by inheritance from such deceased parent shall descend in equal shares to the other children of the same parent, and to the issue of any such other children who shall have died, by right of representation. 7. If at the death of such child who shall die under age, and not having married, all the other children of his parent shall also be dead, and any of them shall have left issue, the estate that came to said child, by inheritance from his said parent, shall descend to all the issue of other children of the same parent; and if all the said issue are in the same degree of kindred to said child, they shall share the said estate equally, otherwise according to the right of representation. 8. If the intestate shall leave a widow and no kindred, his estate shall descend to such widow. 9. If the intestate shall have no widow or kindred, his estate shall escheat to the State.

Personal estate and all rights and interest therein not lawfully disposed of by will, excepting certain minor details in the way of allowances to the widow of articles of apparel and ornament, etc., shall be distributed in the same proportion, to the same persons and for the same purposes as above prescribed for the descent and disposition of the real estate, except that the widow, if any, shall be entitled to receive the same share thereof as a child of the intestate would be entitled to.

X. EXECUTIONS:

Executions are of three kinds: 1. Against the property of the judgment debtor. 2. Against his person. 3. For the delivery or the possession of real property and damages for holding the same and costs. Lands, tenements, goods and chattels not exempt by law are liable to be taken on execution and sold. Stay is allowed on judgments for recovery of money on adequate security being furnished the court.

No stay of execution will be granted for a longer time than nine months from the rendition of such judgment. The order of sale on all decrees for the sale of mortgaged premises is stayed for nine months from the rendition of such decree, without security, whenever the defendant, within twenty days after the rendition of such decree, files with the clerk of the court a written request that such be done.

An execution against the person lies only against a judgment debtor and requires the officer to arrest the latter and commit him to the jail of the county until he pay the judgment or be discharged according to law. It lies when: 1. The judgment debtor has removed or begun to remove any of his property out of the jurisdiction of the court with intent to prevent the collection of the judgment. 2. When he has property, rights in action or some interest or stock in a corporation which he fraudulently conceals with like intent. 3. When he has assigned or disposed of all or part of his property or rights in action or converted the same in money, with intent to defraud his creditors, or to prevent such property from being taken on execution. 4. When he fraudulently contracted the debt or incurred the obligation upon which the judgment was rendered.

The execution is only issued when allowed by the Supreme Court, District Court or Probate Court, or a judge of either, after affidavit of the judgment creditor, or his attorney, of the existence of one or more of the above mentioned conditions.

XI. EXEMPTIONS:

All heads of families who have neither lands, town lots nor houses subject to exemption as a homestead are entitled to have exempt from forced sale under execution the sum of five hundred dollars in personal property, and in addition thereto the following property: Family Bible; family pictures; school books and library for the use of a family; seat or pew in any house or place of worship; a lot in any burial ground; all necessary wearing apparel for debtor and family; beds, bedsteads and bedding, stoves and appendages for the use of a family not to exceed four; cooking utensils and household furniture not herein enumerated not exceeding in value one hundred dollars; one cow, three hogs, and all pigs under six months old; and if the debtor be actually engaged in the business of agriculture, in addition to the above, one yoke of oxen or a pair of horses in lieu thereof; ten sheep and the wool therefrom; necessary food for stock mentioned for three months; one wagon, cart or dray; two plows and one drag; necessary gear for one team and other farming implements not exceeding fifty dollars in value; provisions for six months' support, either provided or growing, and fuel necessary for six months; the tools and instruments of any mechanic, miner or other person used in carrying on his trade or business; the library and instruments of a professional man.

The Supreme Court has construed the last to apply to the case of one not the head of a family. Nothing is exempt against execution or attachment for clerks', laborers' or mechanics' wages, or for money due or owing by an attorney at law for money or other valuable consideration received by said attorney for any person or persons.

The wages of laborers, mechanics and clerks who are heads of families, in the hands of those by whom they may be employed, both before and after such wages shall be due, to the extent of sixty days' wages, are exempt from attachment, execution and garnishee process. A head of a family includes the husband and every person who has resided on the premises with him and under his care and maintenance.

XII. HOMESTEAD:

A homestead not exceeding the value of two thousand dollars, consisting of the dwelling house in which the claimant resides, its appurtenances, and the land on which the same is situated not exceeding one hundred and sixty acres of land, and not in any incorporated city or village, or instead thereof at the option of the claimant, a quantity of contiguous land not exceeding two lots in any incorporated city or village, shall be exempt from judgment liens and from execution or forced sale, except on debts secured by mechanics', laborers' or vendors' lien upon the premises, or debts secured by mortgages executed and acknowledged by both husband and wife, or an unmarried claimant. If the homestead be conveyed by the claimant or sold for the satisfaction of any of the above-mentioned liens the proceeds of the sale beyond the amount necessary to the satisfaction of such lien and not exceeding the amount of the homestead exemption shall have the same protection against legal process which is given to home-

stead. The sale of one homestead does not prevent the selection or purchase of another.

The homestead of a married person cannot be conveyed or incumbered unless the instrument is executed and acknowledged by both husband and wife. A mortgage on the homestead signed or acknowledged by husband or wife alone is void and not a lien upon the property.

XIII. INTEREST AND USURY:

Any rate of interest which may be agreed upon, not exceeding ten per cent per annum, shall be valid upon any loan or forbearance of money. Where not agreed upon, interest shall be at the rate of seven per cent per annum. Interest on all decrees and judgment shall be from the date of the rendition thereof at the rate of seven per cent per annum until the same be paid, provided that if the judgment or decree be founded upon a contract either verbal or written providing for a greater rate of interest not exceeding the amount allowed by law, the rate of interest upon such judgment or decree shall be the same as provided for by the terms of contract.

If a greater rate of interest than hereinabove allowed shall be contracted for or received, the contract is not therefore void, but in an action thereupon the plaintiff can only recover the principal without the interest, and the defendant is entitled to costs; if interest shall have been paid thereon, judgment shall be for the principal, deducting the interest paid.

XIV. JUDGMENTS:

Judgments of the District Court and of the United States District and Circuit Courts are a lien upon the lands and tenements of the debtor within the county where the judgment is entered for the period of five years from the date of the judgment, but if execution be sued out at any time within such five years then the judgment does not become dormant until another five years shall have intervened between the date of the last execution and the time of suing out another writ.

The lien of a judgment of the District Court extends from the first day of the term at which judgment is rendered, except in the case of judgments by confession and judgments rendered at the same term at which the action is commenced; in which case the lien dates only from the day of judgment.

The judgments of County and Justices' Courts are made a lien upon real property by filing a transcript thereof in the District Court for the proper county. A dormant judgment may be revived by proper proceedings.

XV. LIENS:

No judgment is a lien upon a homestead.

Any one performing labor or furnishing material, machinery or fixtures for the erection, reparation or removal of a house, mill or other building or appurtenances under contract, expressed or implied, with the owner or his agent, has a lien to secure the payment for the same, upon such house, building or appurtenances and the land upon which the same stands, upon his filing in the office of the register of deeds, a sworn statement of the amount due him, together with a description of the land against which the lien is claimed.

Where the labor or material is furnished to a contractor or subcontractor the notice must be filed within sixty days after the last item of labor or material is done or furnished, and where the contract is with the owner directly, within four months after such time. The lien is foreclosed by action in the District Court, which must be brought within two years after the filing of the sworn statement.

An attorney has a lien for a general balance of compensation upon papers of his client which he has received in the course of his professional employment; upon money in his hands belonging to his client, and in the hands of the adverse party in an action or proceeding in which the attorney was employed, from the time of giving notice of the lien to such party.

XVI. LIMITATIONS:

Recovery of Lands: Civil actions for the recovery of the title or possession of lands, tenements or hereditaments, or for the foreclosure of mortgages; upon an official bond or undertaking of an executor, administrator, guardian, sheriff, or any other officer; upon the bond or undertaking given in attachment injunction, must be commenced within ten years after the cause of action shall have accrued.

Actions upon an agreement, contract or promise in writing or a foreign judgment, within five years.

Actions upon a contract not in writing, or upon a liability created by statute other than a forfeiture or a penalty; for trespass upon real property or for taking, detaining or injuring personal property, including actions for the specific recovery of personal property, or an action for an injury to the rights of the plaintiff not arising on contract; for relief on the ground of fraud, in which case the cause of action is not deemed to have accrued until the discovery of the fraud; actions for damages accruing out of a failure or want of consideration of contracts, or for the recovery of money paid upon contracts, and all actions for relief not otherwise specially provided for, within four years.

Actions for forcible detainer or forcible detention of real property; for libel, slander, assault and battery, malicious prosecution or false imprisonment, or for a penalty or forfeiture except where the statute provides a different limitation, within one year.

All actions which are barred by the laws of any state or territory of the United States are barred under the laws of this State.

If a person entitled to bring an action be at the time the cause of such accrues, within the age of twenty-one years, a married woman, insane or in prison, every such person shall be entitled to bring such action within the respective times hereabove given after such disability shall be removed.

Suspension of Statute: The absence out of the State of a person against whom a cause of action accrues, or his having absconded or concealed himself, tolls the running of the statute of limitations until he come into the State; and if he depart from the State or abscond, or conceal himself after the cause of action accrues, the time of such absence or concealment is not computed as part of the period of limitation.

XVII. MARRIED WOMEN:

Real and personal property which any woman may own at the time of her marriage and the rents and profits thereof, and any property, real or personal, which may come to her by descent, devise or the gift of any person except her husband, or which she shall acquire by purchase or otherwise, is her sole and separate property notwithstanding her marriage, and is not subject to the disposal of her husband or liable for his debts; provided that such property, not exempt by law, is liable for the payment of debts contracted for necessaries furnished her family, after execution against the husband therefor has been returned unsatisfied. A married woman may sell and convey her real and personal property and enter into any contract with reference thereto to the same extent and with like effect as a married man may do with his own. She may sue and be sued as if she were unmarried, and may carry on trade or business and perform any labor or services on her separate account, and her earnings therefrom are her sole and separate property. She may devise and dispose of any real or personal property held by her in her own right by will. A married woman is a qualified voter for the election of officers of school districts.

XVIII. MORTGAGES:

The requirements for the execution and acknowledgment of mortgages are the same as those in the case of deeds. (See "VIII. Deeds.")

Mortgages are foreclosed upon suit brought in the District Court of the county where the mortgaged premises are situated and a sale had as upon execution. A deficiency judgment will be entered in a foreclosure suit, on the giving in of the report of sale, for any balance of the mortgage debt that may remain unsatisfied after the sale of the mortgaged premises, in cases where such balance is recoverable at law; and execution will issue therefor as in other cases.

In the absence of stipulations to the contrary the mortgagor retains the legal title and the right of possession even after stay is taken, and until the confirmation of sale by the court.

The recording of an assignment of a mortgage is not of itself notice of such assignment to the mortgagor, so as to invalidate any payment made to the mortgagee.

A mortgage on the homestead of a married person is void unless both husband and wife join in and acknowledge the instrument.

An action to foreclose a mortgage must be brought within ten years after the right of action accrues. After decree a stay of execution may be had for nine months, by the defendant filing a request for same within twenty days after entry of judgment and no security is required to obtain such stay.

A chattel mortgage need not be acknowledged; but as against creditors and subsequent purchasers and mortgagees in good faith, the mortgage itself or a copy must be filed in the office of the county clerk of the county where the mortgagor resides; or, in case he be a non-resident, then in the office of the clerk of the county where the mortgaged property is. It ceases to be valid as against the creditors or subsequent purchasers or mortgagees in good faith after the expiration of five years from the date of filing.

A chattel mortgage is foreclosed by sale, notice of which is given by advertisement published in a newspaper in the county where such sale is to take place, or, where no newspaper is printed therein, by posting up notices in five public places in said county, and twenty days' notice prior to the day of sale must be given.

XIX. NOTES AND BILLS:

Bonds, promissory notes and bills of exchange, foreign and inland, drawn for any sum of money certain, and payable to any person or order or assigns, are negotiable by endorsement thereon, but this is not to be construed to make negotiable any bond or bill drawn payable to any

person alone, and not drawn payable to order, bearer or assigns. All bonds, notes and bills payable to bearer are transferable by delivery without endorsement.

Bonds or bills, except bank checks and instruments payable on demand, are entitled to three days' grace. Demand of payment from the maker on the third day of grace or of acceptance if the instrument be a sight draft, and notice of non-payment or non-acceptance thereof to the endorser, within a reasonable time, is defined by statute to be due diligence, unless the endorsement expresses other conditions.

Protest fees are allowed to the extent of twelve per cent damages on any bill protested for non-acceptance drawn upon any person or body corporate without the jurisdiction of the United States; in the amount of six per cent damages when drawn upon any person or body corporate within the jurisdiction of the United States and without this State.

Whenever the date of maturity or last day of grace as the case may be of any negotiable instrument shall fall on Sunday or the first day of January, the 22d day of February, the 22d day of April, the first Monday in September, the 25th day of December, the 30th day of May, the 4th day of July, or on any day appointed by the Governor or the President of the United States as a day of thanksgiving, it shall be lawful to make demand and if need be protest or give notice of dishonor on the following business day.

XX. TAXES:

All property real and personal in the State is subject to taxation except property of the State, counties and municipal corporations; and such other property as may be used exclusively for agricultural and horticultural societies, or school, religious, cemetery and charitable purposes.

Unpaid personal taxes, except city taxes, become delinquent on the first day of February of the year after which they have been assessed, and draw thereafter interest at ten per cent per annum. Unpaid taxes upon real property except city taxes, become delinquent on the first day of May of the year after they shall have been assessed and draw interest at the rate of ten per cent per annum.

On the first Monday of November in each year, lands on which the taxes for the previous year remain unpaid are offered at public sale, and if not sold then the county treasurer is required to offer the same at private sale at his office.

The owner or occupant of any land so sold, or any person having a lien or interest therein, may redeem the same at any time within two years after the date of sale by paying for the use of such purchaser the amount of the taxes paid by him, together with interest thereon at the rate of twenty per cent per annum from the date of purchase, together with all other taxes subsequently paid and interest thereon at the same rate from the date of such payment.

At the expiration of two years after sale the purchaser is entitled to a tax deed by observing requirements as to notice, etc. But a recent decision of the Supreme Court has made any tax deed ineffectual to convey title for the reason that the county treasurer, having no seal of office, cannot make a lawful deed. The only remedy of one who has purchased lands at a sale for taxes is to bring foreclosure proceedings against the land for the amount paid, such proceedings must be brought within five years after the cause of action accrued.

XXI. WILLS:

Every person of full age and sound mind may devise and dispose of all his real and personal estate, and any estate, right or interest acquired by the testator after the making of his will shall pass in like manner as if possessed at the time of making the will, if such shall appear by the will to have been the intention of the testator.

Execution and Attest: No will, except a nuncupative one, is effectual to pass any estate, real or personal, unless in writing and signed by the testator or by some one in his presence and by his express direction, and attested and subscribed in the presence of the testator by two or more competent witnesses. If these are competent at the time of attesting the execution of the will, their subsequent incompetency will not prevent the probate and allowance of the will if it be otherwise satisfactorily proved.

No nuncupative will shall be good when the estate thereby bequeathed exceeds the value of one hundred and fifty dollars, that is not proved by the oath of three witnesses at least, present at the time of the making; nor unless it be proved that the testator did at the time bid the persons present, or some of them, to bear witness that such was his will, nor unless this was made at the time of the last sickness of the deceased and in the place of his habitation or dwelling, or where he had been resident for the space of ten days or more next before the making of such will, except where he was unexpectedly taken sick, being from home, and died before he returned to the place of his habitation.

Any devise or legacy made or given in a will to a subscribing witness shall be wholly void unless there be two other competent witnesses to the same, but if such witness to whom such devise may have been made would have been entitled to share in the estate in case the will was not established, then so much of the share that would have descended or been distributed to him as will not exceed the devise or bequest made in the will shall be saved to him, and he may recover the same from the devisee or legatees named in the will.

A will properly enclosed and endorsed may be deposited by the person making the same or any one for him with the probate judge of the county where he lives, who shall receive and keep such will, giving a certificate of the deposit thereof, and such will shall during the lifetime of the testator be delivered only to him or some person for him upon his written order.

A will duly proved and allowed in any of the United States or in any foreign country according to the laws of such state or country may be allowed and recorded in the Probate Court of any county where the testator shall have real and personal estate, when a copy of such will and its probate, duly authenticated, has been produced to the Probate Court, and the latter shall be satisfied that the instrument ought to be allowed in this State, and it will then have the same force and effect as if originally proved and allowed herein. An attested copy of any will devising lands shall be recorded in the office of the register of deeds of the county in which the lands thereby devised are situated.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

The constitution provides that corporations shall not be created by special law. Any number of persons may form a corporation for the transaction of any lawful business and every corporation so formed has power: 1. To have succession by its corporate name. 2. To sue and be sued, and to complain and defend in the courts. 3. To make and use a common seal. 4. To hold personal estate, and all real estate necessary for its legitimate business. 5. To render the interest of stockholders transferable. 6. To appoint such subordinate officers and agents as its business may require and to allow them a suitable compensation. 7. To make by-laws for its management. These powers vest in every corporation even though they be not specified in its articles of asscciation.

II. ORGANIZATION:

Every corporation previous to the commencement of business, excepting its own organization, must adopt articles of incorporation and have them recorded in the office of the county clerk of the county in which the business is to be transacted. Those for the construction of works of internal improvement must also file in the office of the Secretary of State a copy of the articles. The articles must fix the highest amount of indebtedness to which the corporation shall at any time be subjected, and this can never exceed two-thirds of the capital stock, except that this limitation does not apply to debts for the risks of insurance companies, deposits in banks, and the notes, bonds or debentures of loan or trust companies, where the payment of such notes, bonds or debentures is secured by an actual transfer of real estate, by trust deed or mortgage, if such real estate so transferred shall be twice the par value of such notes, bonds or debentures; and such limitation does not apply to any loan or trust company's guarantee for the payment after transfer of any notes, bonds or debentures, where such is secured by trust deed or mortgage.

A corporation may commence business as soon as its articles are filed in the office of the county clerk. There shall then be published within four months from that time for four weeks, a notice in some newspaper nearest the principal place of business, giving: 1. The name of the corporation. 2. The principal place of transacting its business. 3. The general nature of this. 4. The amount of capital stock authorized and the time and conditions on which it is to be paid in. 5. The time of commencement and termination of the corporation. 6. The highest amount of indebtedness to which the corporation is at any time to subject itself. 7. By what officers the affairs of the corporation are to be conducted.

Every change in any of the above provisions must be recorded and published in the same manner as the original articles are required to be.

No corporation can be dissolved by the members except by consent of two-thirds of all, entered on its records, unless a different rule is adopted in its articles.

A copy of the by-laws with the names of the officers is required to be posted in some conspicuous place, subject to public inspection, at its place of business. Every corporation must give notice annually in a newspaper printed in the county where its business is transacted, and in case there is no newspaper therein, then in the nearest paper in the State, of the amount of existing indebtedness.

A corporation may convey lands by deed sealed by its common seal and signed by the president or presiding officer of the board of directors, and when so signed and acknowledged to be an act of the corporation is entitled to record.

III. LIABILITY OF STOCKHOLDERS:

The statutes provide that in all cases of claims against corporations, after the corporate property shall have been exhausted, the subscribers to the stock shall be individually liable to the extent of any unpaid subscription and the liability for such shall follow the stock; and that every stockholder in a banking corporation or institution organized under the laws of the State shall be individually liable to its creditors, while he remains a stockholder, to an amount equal to the par value of the shares of stock held by him in addition to the original subscription therefor.

(For Foreign Corporations, see Commercial Law, "II. Aliens.")

MINING.

I. STATE BOUNTY:

It is provided by statute that upon its being made apparent to the Governor of Nebraska that there has been discovered either a vein of coal not less than twenty-six inches in depth, of sufficient capacity to mine, or a vein of good iron ore, eighteen inches thick, it shall be his duty to appoint a suitable person to examine and report as to the extent and capacity of the vein or veins, and in the event of such report being satisfactory, he shall direct the auditor to draw an order on the treasurer for the sum of four thousand dollars to be paid the owner of such mine of coal; and of two thousand dollars for a vein of iron ore one foot thick.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF NEVADA.

Compiled specially for THE MINE, QUARRY AND METALLURGICAL RECORD.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Within the State, may be taken by a judge or clerk of any court having a seal, a notary public or a justice of the peace. Without the State, they may be taken by the same officers, with the exception that one taken before a justice must have attached a certificate of the authority of such justice by the clerk of a court of record having a seal. Without the United States, before a judge or clerk of any court having a seal, a notary public, or before any minister, commissioner, consul, or consular agent of the United States.

II. ASSIGNMENT:

Upon execution of an assignment of all property, real, personal and otherwise, for the benefit of all creditors, and compliance with the several provisions of the Insolvent Act, and provided fifty per cent of the indebtedness is paid, insolvent debtors may obtain a discharge.

III. ATTACHMENT:

Attachments issue at the instance of the plaintiff in actions at law, unless the defendant gives security for the satisfaction of all judgments therein, when, in an action upon a contract for the direct payment of money, payable in the State, no security or pledge upon real or personal estate for the payment of the same has been given to or is held by the plaintiff, or if so given or held, has been rendered nugatory by defendant's act: and when the defendant is a non-resident in the State. Affidavit must be made by the plaintiff, setting forth the grounds upon which attachment is desired to issue, and security must be given the court, conditioned in favor of the defendant for payment of all costs and damages sustained by such defendant by reason of said attachment, in the event that plaintiff fails to recover judgment.

IV. CHATTEL MORTGAGES:

Delivery of property to mortgagee is not necessary, providing that there is attached to the deed, affidavits of parties thereto, or their agents, showing that the deed is made in good faith; given for a debt, the particulars of which shall be stated, actually owing from the mortgagor; and is not made to hinder, delay or defraud mortgagor's creditors.

V. COURTS:

District Courts have original jurisdiction of all cases in equity; and of all cases in law involving title or possession of land or mining claims, or the legality of any tax or assessment; of actions for enforcement of liens; of the settlement of deceased persons' estates; of the care of persons and estates of those insane or in minority; and of all cases in which the amount claimed or the value of the property in controversy exceeds three hundred dollars.

Justice Courts have jurisdiction of all actions for the recovery of money on contract, or on account; of damages for injury to person or property, or a fine, penalty or forfeiture under ordinance of any city, town or village; on a bond or undertaking, or for taxes, when the amount in each case noted does not exceed three hundred dollars. They have also jurisdiction of actions for the possession of lands as between landlord and tenant.

VI. EXEMPTIONS:

Necessary household furniture and provisions and fuel for space of one month. Farming implements and stock to a certain number, and seed grain or vegetables to value of two hundred dollars. Tools of mechanic or artisan, and instruments and libraries of professional men. Cabin or dwelling of a miner, of not more than five hundred dollars in value, together with sluices, hose, pipes, windlasses, whims, derricks, and other tools and implements necessary to carry on the business of mining, not exceeding in value additional five hundred dollars; together with two horses, mules or oxen, with their harness, and food for same for one month, when such are necessary or used for the operation of any whim, derrick, windlass, etc., in such mining operations. Teams used by hucksters, peddlers, etc., and by surgeons, physicians and ministers, are exempt, together with food for same for one month. A sewing machine in every case, not more than one hundred and fifty dollars in value, in actual use by debtor or his family. Earnings of judgment debtor to extent of fifty dollars.

Homesteads of the value of five thousand dollars and less are exempt.

VII. INTEREST:

The legal rate of interest is seven per cent. per annum. Parties may contract in writing for any other rate, but only original claim bears interest after judgment on such contract.

VIII. LIMITATIONS:

Actions, other than those for the recovery of real property, must be commenced within the time following the various classes specified. Upon a judgment or decree, a contract, obligation, or liability, founded upon a written instrument in writing, except in case of disability, six years. On an open account for goods, wares, and merchandise, sold and delivered; store accounts, a contract, obligation, or liability not founded on written instrument, four years. Upon a liability created by statute other than a penalty or forfeiture; for trespass; for taking, detaining, or injury of goods or chattels; for recovery of personal property; for relief on the ground of fraud, cause of action in such case accruing only on discovery by the aggrieved party of the facts constituting the fraud, three years. Against a sheriff, coroner, or constable, for acts of omission or commission, including non-payment of money collected upon an execution; upon a statute for a penalty or forfeiture, when the action is given to an individual or to an individual and the State, except when the statute imposing it prescribes a different limitation; for libel, slander, assault, battery, or false imprisonment; upon a statute for a forfeiture or penalty to the State; against a sheriff or other person for the escape of a prisoner arrested or imprisoned on civil process, three years. In all other cases, within two years after the cause of action accrues. A right of action shall be deemed to have accrued on a judgment at the time of its rendition.

IX. MARRIED WOMEN:

All property of the wife owned before marriage, and acquired afterward by gift, bequest, devise, or descent, con-

stitute her separate property, and she has absolute power over and may dispose of the same without the consent of husband. All other property acquired by the husband and wife during coverture is common property, and controlled by the husband; but wife's personal earnings, when she has been allowed by her husband to appropriate the same to her own use, constitute her separate property. The separate property of the husband is not liable for the debts of the wife contracted before marriage; and the separate property of the wife is not liable for the debts of her husband, but is liable for her own debts contracted before marriage. Dower and curtesy are abolished.

X. NOTES AND BILLS:

All notes in writing, made and signed by any person, containing a promise to pay to any other person, or to his order, or to the order of any other person, or to the bearer, any sum of money therein mentioned, are due and payable as therein expressed; have the same effect, are negotiable, and otherwise transferrable as is usual under the law merchant. Acceptances must be in writing, signed by acceptor or his lawful agent, and if on paper other than the bill itself shall not bind the acceptor, except in favor of a person to whom such acceptance shall have been shown, and who, on the faith thereof, shall have received the bill for a valuable consideration. An unconditional promise in writing to accept a bill before it is drawn is deemed an actual acceptance in favor of any person who, upon the faith thereof, shall have accepted the bill for a valuable consideration. The rate of damage allowed and paid upon the usual protest for non-payment of bills of exchange, drawn or negotiable in this State, if such bill shall have been drawn upon any person or persons in any of the United States east of the Rocky Mountains, is fifteen per cent; and if said bill shall have been drawn upon any person or persons in any foreign country, twenty per cent. When a bill of exchange is protested for non-acceptance, the same rate of damages shall be allowed on the protest for non-acceptance as for non-payment, and shall be in lieu of interest, charges of protest, and all other charges incurred previous to and at the time of giving notice of non-acceptance; but the holder shall be entitled to receive interest upon the aggregate amount of the principal sum specified in the bill, and of the damages therein, from the time at which notice of protest for non-acceptance shall have been given. In all cases where a notice of non-acceptance of a bill of exchange, or non-payment of a bill of exchange, promissory note, or other negotiable instrument, may be given by sending the same by mail, it shall be sufficient if such notice be directed to the city or town where the person sought to be charged by such notice resided at the time of making, drawing, or indorsing such bill of exchange, promissory note, or other negotiable instrument, unless such person, at the time of affixing his signature to such bill, note, or other negotiable instrument, shall, in addition thereto, specify therein the postoffice to which he may require the notice to be addressed.

XI. REDEMPTION:

Upon a sale of real property under execution, or on foreclosure, the defendant may, within six months, redeem such, upon payment of the amount for which the property was sold, with eighteen per cent additional, and any assessment or taxes that the purchaser may have paid thereon after the purchase.

XII. SUITS:

In this State there is but one form of civil action. Civil action in the District Courts (that is, courts of record), are commenced by the filing complaint with the clerk of the court, and the issuance of a summons thereon. After the filing of the complaint, a defendant in the action may appear, and answer or demur, whether the summons has been issued or not, and such appearance, answer or demurrer shall be deemed a waiver of summons. Actions in Justice Courts are commenced by filing a copy of the account, note, bill, bond, or instrument upon which the action is brought, or a concise statement in writing of the cause of action, and the issuance of a summons thereon, or by the voluntary appearance and pleadings of the parties without summons. In the latter case, the action shall be deemed commenced at the time of the appearance.

CORPORATIONS.

I. ORGANIZATION:

Corporations may be formed for any purpose, except to issue notes to circulate as money. Three or more persons may form a corporation by signing and acknowledging a certificate of incorporation, and having the same recorded with the clerk of the county in which the principal place of business is to be located; and also filing a copy thereof, properly certified, with the Secretary of State. The certificate must contain the name of the corporation, its object, the amount of the capital stock and the number of shares, its term of existence (not exceeding fifty years), the number of trustees and their names (not less than three), who shall manage its affairs for the first six months, and the name and location of its principal place of business within the State.

II. POWERS:

Are in effect and extent the same as are allowed in other states. The corporate powers shall be exercised by a board of trustees not less than three in number, who shall be stockholders, and who shall be elected annually by the stockholders. The general powers and duties of stockholders and trustees are such as are incident to all corporations. Corporations in this State shall have the power, whenever at any assessment sale of the delinquent stock of said corporation, no person will take the stock and pay the assessment thereon, to purchase such stock and hold the same for the benefit of the corporation. The stock so purchased shall be held subject to the control of the remaining stockholders, who may make such disposition of the same as they may see fit. A majority of the remaining shares of stock in such corporation shall be held to be a majority of the stock for all purposes of election or voting on any question before a stockholders' meeting.

On petition of stockholders holding a majority of stock, the district judge of the district wherein the corporation's principal place of business is situated shall call a meeting of stockholders for the purpose of removing any or all of the officers of such corporation, and at such meeting any officer may be removed and a new one elected.

A corporation may dissolve itself by petition to and proceedings before the judge of the district in which is situate the head office.

III. SHARES:

Shares are personal estate and are transferable by endorsement and delivery, but such transfer is not valid, except as to the parties thereto, until entered on the books of the corporation. No dividend can be declared except on net profits.

IV. OUTSIDE CORPORATIONS:

Every incorporated company created and existing under the laws of any other state, owning property or doing business in this State, shall appoint and keep an agent in this State upon whom all legal process may be served for such corporation. Such corporation must file a certificate, properly authenticated by the proper officers of such company, with the Secretary of State, specifying the full name and residence of such agent, which certificate shall be renewed by such company as often as a change may be made in such appointment. Any and all legal process may be served upon such company by delivering to such agent personally a copy of such process, which service shall be legal and valid. If any such company shall fail to appoint such agent, or fail to renew such certificate for ten days after a vacancy occurs in such agency, then it shall be lawful to serve such company with any and all legal process by delivering a copy to the Secretary of State, and such service shall be valid.

MINING.

I. MINING CLAIMS:

Mining claims are located and held under the provisions of the mining laws of the United States (q. v.), and local regulations thereby authorized. (Sec. 2324.) There is no State regulation in this respect, except: (1.) In case of proceedings against delinquent co-owners under the United States statutes. The moving party must, within thirty days after the title vests in him, have recorded in the office of the county recorder a copy of the notice given, with an affidavit of service, if personal, or an affidavit of publication by the publisher or his clerk, when published, together with his own affidavit that the parties proceeded against have not paid their share of expenditure, or performed their share of labor. Such record, or a copy thereof, is prima facie evidence of the facts stated therein. (2.) An affidavit of annual labor and expenditure made before the mining recorder of the district and recorded with him is prima facie evidence of the facts stated therein.

II. EMINENT DOMAIN:

The right of eminent domain may be exercised in favor of the mining of, and the milling, smelting, or other reduction of ores.

III. CORPORATIONS:

Three or more persons owning a majority interest in any mining claim may form themselves into an association or corporation for the purpose of working the same, and may sue anyone owning with them, but not a member of such association or incorporation, for his pro rata share of the expense of working the same, without previous notice or demand. Mining corporations may be compelled to allow

stockholders to visit and examine the mines. Mining corporations may consolidate.

IV. ACTIONS:

No action for the recovery of mining claims, or for the recovery of possession thereof, shall be maintained, unless it appear that the plaintiff, or those through or from whom he claims, were seized or possessed of such mining claim, or were the owners thereof, within two years before the commencement of such action.

In any mining district embracing a county seat, the county recorder shall be ex-officio mining recorder.

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF NEW BRUNSWICK, CANADA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by HENRY R. EMMERSON, Barrister-at-Law, Dorchester, New Brunswick.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

All conveyances of land must be in writing, and, before registration, must be acknowledged by the party executing the same, or proved by the oath of a subscribing witness. If acknowledged within the Province same must be made before a judge of the Supreme or any County Court, a member of the executive or legislative council, any registrar or deputy registrar of deeds, any notary public appointed for and resident in the Province, certified under his hand and official seal, or any justice of the peace in the county in which the conveyance is to be registered. Proof of execution in the Province may be taken before any of the said officials except a justice of the peace.

Acknowledgment or proof without the Province may be made before: Any commissioner appointed for taking affidavits, any commissioner authorized to administer oaths in England, the mayor or chief magistrate of any municipality or town corporate, certified under the common or corporate seal of such city, etc., or the seal of such mayor or chief magistrate; any judge of a court of record or supreme jurisdiction in the United Kingdom, its colonies or dependencies; any British minister, ambassador, consul or consular agent of Her Majesty, or before the Governor of a state, and certified under the hand and seal of such said officers. If the conveyance be by a corporation, proof of the corporate seal shall, in all cases, be sufficient. Married women must make separate acknowledgment.

II. ASSIGNMENTS:

Assignments for the benefit of all creditors without preference may be made by an insolvent to the sheriff of the county in which he resides or does business, or to another assignee in the Province with the consent of his creditors. Such assignments duly made shall have preference over all judgments and unsatisfied executions. Transfers made by an insolvent to defeat or delay creditors or to prefer any creditor shall be null and void against other creditors.

III. ATTACHMENT:

No attachment law. ("IX. Garnishment.")

IV. BILLS OF SALE:

Bills of sale of personal property, where possession does not pass, shall be filed with affidavit of witness and purchaser in the county registry office in order to hold against creditors of bargainor. Bills of sale by way of chattel mortgage shall be filed with affidavit of a witness to execution, and affidavit of the mortgagee of the justice of the debt and a statement of the amount due on the same may be required from the mortgagee at any time.

V. COURTS:

Justices have jurisdiction up to twenty dollars' debt and eight dollars' damages; Commissioners' Courts to eighty dollars' debt and thirty dollars' damages; and County Courts to four hundred dollars' debt and two hundred dollars' damages, from which appeal lies to the Supreme Court. There is a Probate Court for each county, from which appeal lies to the Supreme Court. The Supreme Court has jurisdiction over all other matters. On appeals from the County and Probate Courts bonds with securities are required to pay the costs of appeal.

VI. FEES:

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VII. EXECUTIONS:

Issue forthwith unless appeal is taken, when execution is stayed until appeal is determined. There is no redemption of property sold under execution. Only executions issued on the judgments of the Supreme and County Courts affect lands.

VIII. EXEMPTIONS:

The wearing apparel, bedding, kitchen utensils and tools of his trade or calling to the value of one hundred dollars of any debtor are exempt from levy or sale under execution.

IX. GARNISHMENT:

A judgment creditor in the Supreme or County Court, when judgment is for eighty dollars and upwards, may garnishee debts due the debtor, wages to the amount of twenty dollars being exempt.

X. INTEREST:

The legal rate is six per cent. Parties may agree upon any rate. There is no usury law, except provision that chartered banks cannot stipulate for more than seven per cent.

XI. JUDGMENTS:

Judgments in all courts of record are liens on personal property from the issue of execution, and on lands from the issue of execution in the Supreme and County Courts. Memorials of judgments recovered in the Supreme and County Courts may be registered in the county where the lands of the debtor lie, and form a lien on the same for five years, and may be renewed every five years with like effect. Executions must be issued within three years of judgments in Justices' and Commissioners' Courts, and within twenty years in the Supreme and County Courts.

XII. LIENS:

Mechanics, woodmen and general wage earners are protected by special acts giving them liens and preference in case of insolvency.

XIII. LIMITATIONS:

Actions on judgments of courts of record, recognizances, bonds, or other specialty, or for the recovery of real property, must be brought within twenty years of the time cause of action accrues. In cases of assault, battery, wounding, imprisonment, or injurious words, within two years; and in all other personal actions, within six years.

XIV. MARRIED WOMEN:

Retain their property, real or personal, owned at marriage or acquired thereafter by gift (except from husband), devise, descent or purchase, free from the control of the husband, and not liable for his debts. A married woman may hold real and personal property as if a femme sole, and may bind her separate estate by contracts, and shall have full control of property possessed at the time of marriage or acquired thereafter.

XV. MORTGAGES:

Must be proved and acknowledged in the same manner as are deeds, and to be effectual against creditor and bona fide purchasers, must be recorded. They are foreclosed by a bill in equity, or a power of sale contained in the mortgage.

XVI. NOTES AND BILLS:

Are governed by mercantile law. Notice of dishonor mailed to the place at which the note on its face purports to have been made is sufficient. Any promise in the form of a promissory note or bill of exchange is commercial paper, and need not be made payable at bank or any fixed place. But, if not payable at a named place, in order to bind indorsers or the drawer, the paper must be presented either personally to the maker or acceptor, or at his residence or place of business, if he has one, at maturity.

XVII. SUITS:

Are commenced by summons or capias. Summons in Justices' and Commissioners' Courts may be made returnable not less than six nor more than thirty days from the time of issuing. In County and Supreme Courts they may be returnable within twenty days after service, and may be served at any time within two months from issue. Service may be either personal, or by leaving a copy of writ at the last known place of residence with some adult member of the family, if defendant is within the Province at the time of leaving said copy.

CORPORATIONS.

I. ORGANIZATION:

The petition for letters patent must set forth: 1. The proposed corporate name of the company. 2. The object for which its incorporation is sought. 3. The place in New Brunswick where the chief place of business is to be established. 4. The amount of its capital stock, not to be less in any case than two thousand dollars, actually subscribed. 5. The number of shares, and the amount of each share. 6. The name in full, address and calling of each of the applicants, three of whom are to be the first or provisional directors of the company; the amount of stock taken by each applicant and the amount paid in thereupon; the aggregate of the stock so taken to be at least one-half of the total amount of the stock, and also whether the amount paid in is paid in cash or by transfer of property, describing the property, or how otherwise.

The petition shall be signed by the shareholders or three of them at the least, or shall be accompanied by a memorandum of association signed by such shareholders or their attorneys, containing the particulars above set forth. Any payments on account of stock must be paid into some bank to the credit of the company or of trustees therefor. When the capital stock of the proposed company exceeds five thousand dollars, notice of application for letters patent shall be published in the "Royal Gazette" for two weeks before such application is made.

The petition above mentioned, directed to the Lieutenant-Governor-in-Council shall be presented through the Provincial Secretary not more than one month after the last publication of such notice. Notice of the granting of letters patent shall be published in the "Royal Gazette" and incorporation shall thereupon be complete. The head office of any company must be located within New Brunswick, but if requested in the petition for letters patent, permission may be given to hold the annual meetings in the United States, in Great Britain, or in any other province of Canada.

II. POWERS:

Companies may be so incorporated for any purposes or objects within the legislative authority of New Brunswick, except the construction and working of railways, the business of insurance, or for the management of trades unions, friendly societies, building societies or other associations of like character, for which special acts of incorporation are necessary. Any company incorporated under the act may acquire, hold, alienate and convey real estate requisite for the operations of the company. Supplementary letters patent extending the powers of the company within the act may be procured with the concurrence of at least two-thirds in value of the total shareholders of the company.

III. DIRECTORS:

The affairs of every company shall be managed by a board of not less than three directors, and the directors named in the letters patent shall continue until replaced by others duly appointed. A director must be a shareholder owning stock in his own right to the amount required by the by-laws of the company, and all calls thereon must be paid up. Directors shall be elected annually in general meeting of the company. A shareholder may vote on each share owned by him, and may vote by proxy, such proxy being himself a shareholder. All calls upon shares must be paid to entitle shareholder to vote.

IV. CAPITAL STOCK:

The capital stock of the company may be increased or decreased, or the shares subdivided by by-law, with the concurrence of not less than two-thirds in value of the shareholders at a general meeting of the company. The stock of the company is personal estate and shall be transferable as prescribed by the by-laws of the company, subject to the act. A company may be authorized under letters patent to issue ordinary and preferred stock; the latter to have priority as regards dividends and likewise over ordinary stock. No company under the act shall issue stock to represent increased value of any property of the company. The watering of stock is prohibited.

V. LIABILITY OF SHAREHOLDERS:

Each shareholder, until the whole amount of his shares has been paid up, shall be individually liable to the creditors of the company to an amount equal to the amount not paid up; but shall not be liable to any action until an execution has been issued against the company by the creditor and returned unsatisfied in whole or in part. Any amount recovered from a shareholder under this provision shall be taken as a payment on his shares. The shareholders shall not as such be held responsible for any act, default or liability whatsoever of the company, or for any claim, injury, transaction or matter relating to or connected with the company, beyond the amount unpaid on their shares. No person holding stock as an executor, guardian or trustee shall be personally liable as a shareholder, but the estate in his hands shall be liable in the same manner as the original shareholder. Persons holding stock as collateral security shall not be personally subject to any liabilities thereon.

VI. RESTRICTIONS, ETC.:

Companies incorporated under the Companies' Act may not issue notes payable to bearer or engage in banking or insurance.

The legal domicile of the company shall be an office in the locality where is their chief place of business, and notice of the selection of that office and of any change therein shall be advertised. Any summons, order or other process or document may be served on a company by leaving the same at its office with any grown person in the employ of the company, or on its president or secretary, or by publication by order of a judge of the Supreme or County Court.

No loan shall be made by any company to any shareholder. Any action may be prosecuted between the company and any shareholder.

The charter of the company shall be forfeited by nonuser during three consecutive years at any one time, or if the company do not go into actual operation within three years after the granting of the charter.

Any existing company incorporated prior to the act may apply for letters patent thereunder.

A statement of the affairs and financial position of the company shall be made by the directors at each general meeting. The directors may borrow money and issue the bonds of the company therefor with the concurrence by vote of not less than two-thirds in value of the shareholders present or represented at a special general meeting called for that purpose. The amount of such bonds shall not be greater than seventy-five per cent of the actual paid-up stock of the company.

All incorporate companies may be wound up under the "Winding-up Act."

VII. INCORPORATION FEES:

The scale of fees to the Provincial Secretary on application for letters patent runs from a fee of twenty dollars when the proposed capital stock of the company is ten thousand dollars or less, to a fee of one hundred and twenty-five dollars when the proposed capital stock is over five hundred thousand dollars and less than one million dollars; and for every five hundred thousand dollars in excess of one million dollars an additional fee of twenty-five dollars.

MINING.

[For Gold and Silver.] I. AREAS:

Quartz mines are laid off in rectangular areas of one hundred and fifty feet, magnetic east and west, by two hundred and fifty feet, north and south. Alluvial mines are laid out as above so far as possible.

II. PROSPECTING AND MILL LICENSES:

Under the present act, "prospecting licenses," giving the right to search for gold and silver; and "licenses to search," giving the right to search for mines other than gold or silver, may be taken out.

A prospecting license for any period not exceeding twelve months may be obtained upon application to the Surveyor-General, and upon payment therefor at the rate of fifty cents per area up to ten areas, and twenty-five cents for every additional area, such license not to include in land measure more than one hundred acres. A prospecting license may be renewed for a second period of twelve months at half the above rate. Within the duration of any such license the holder shall be entitled to a lease of any areas included in the license.

A license is required to authorize the use of any mill or machinery for the reduction or concentration of quartz or other gold or silver bearing material, or for crushing, stamping, etc. Under such a license a royalty of two and one-half per cent on the gross amount of gold obtained in the mill is payable, and the like amount on silver. A penalty of four hundred dollars is imposed for running mills for crushing, etc., without a license.

III. LEASES:

Leases may be procured of gold and silver areas from the Surveyor-General upon application in writing and upon payment of two dollars for every area leased, for the first year; the sum of fifty cents for each area leased being payable annually in advance for each subsequent year. The lease is forfeited by failure to make such annual payment in advance.

Provision is made for arbitration with private landholders owning the lands included in any lease, as to the damages sustained by the land-owner by any miner working under a lease. Questions of disputed title can be referred to a judge of the Supreme Court, who can dispose of such questions in a summary manner upon notice to all persons interested.

All leases shall be for the term of twenty years, but a lease may be surrendered at any time. Leases are forfeited on failure to pay royalties, to perform each year the number of days' labor specified in the lease, or to comply with any other of the provisions of such lease.

IV. RETURNS:

Lessees of mines are required to make to the Surveyor-General quarterly returns of the amount of labor performed on the lands leased, the amount of material mined and put through the mill, and the returns and productions from the premises leased.

V. ROYALTY:

A royalty of two and one-half per cent upon the gross amount of gold and silver mined is payable under all leases.

Lessees are entitled to thirty days' notice of any proceedings by the Surveyor-General for the forfeiture of any lease for non-compliance with its conditions or with the provisions of the mining act. The Surveyor-General shall appoint a time and place for investigating any question as to non-compliance with the terms of his lease by a lessee, at which hearing evidence shall be taken and reduced to writing. An appeal lies from the decision therein to a judge of the Supreme Court.

The Surveyor-General may declare leases for mining gold and silver forfeited for failure to work for the space of five years, after three weeks' publication of notice of such intended declaration, and on hearing any party interested in any such lease, and his decision is subject to appeal. An appeal lies from the decision of the Surveyor-General respecting any application for a prospecting license or a lease of a gold and silver area, to the Lieutenant-Governor-in-Council. Provision is made for the infliction of penalties for unlawful mining or mining in any lands without authority.

[Mines Other Than Gold or Silver.] I. LICENSES:

Licenses to search for minerals other than gold, or gold and silver, may be granted, to be in force for one year from date of application. The license fee is twenty dollars, and the license may cover any tract not exceeding five square miles in extent, but not more than two and a half miles in length, in a rectangular shape, the lines of said rectangle bearing magnetically to north, south, east and west. A survey is required at the cost of the licensee. The license may be renewed for another twelve months on application therefor not less than thirty days before the expiration of the first term, and on payment of the sum of twenty dollars.

Second rights to search over the same area may be granted, provided that no other applications shall be received than there are areas of one square mile within the area first applied for.

The holder of a license to search may at any time before the expiration thereof select an area of one square mile from the land covered by the license for working the mines therein, the fee therefor being fifty dollars. A license to work shall be for a term of two years from the date of application, and may be extended to three years on payment of one-half the amount originally paid. Effective mining operations must be commenced within the term of the license. A license to work may be obtained in the first instance upon the terms above mentioned. The holder of a license to work is entitled to a lease of the premises covered by the license on or before the termination thereof.

The owner of any land may procure a license at any time, with the approval of the Surveyor-General, to search for and mine therein manganese only.

II. LEASES:

Leases of mines other than gold or silver are for the term of twenty years and may be renewed as hereinafter mentioned. A lessee of a coal mine is not authorized to assign or transfer his lease without the consent of the Governor in council. A lease may be surrendered at any time. The Lieutenant-Governor-in-Council may upon special circumstances authorize a lease of a larger area than one square mile.

Leases of copper and lead mines convey all associated ores and metals.

Provisions exist for the fixing of boundaries of mining areas under the supervision of the Surveyor-General, and in conjunction with lessees of adjoining areas, within six months after the issuing of any lease.

Leases of mines other than gold and silver may be renewed for twenty years; and also for a third period of twenty years upon compliance with the provisions of the leases of the mining act.

Leases may be forfeited for non-compliance with the terms of the leases, for abandonment, or for failure to work effectually; but an appeal lies to the Supreme Court from the decision of the Surveyor-General declaring a forfeiture.

A lessee may be required to pay damages to the owner of any land covered by a lease or license. Leases are required to be registered in the Crown Land Office within one year from the time of application, otherwise the area shall be considered vacant. The annual rent payable by lessees of mines other than gold and silver shall be fifty dollars per square mile. All mortgages and other transfers affecting the title to any mines shall be recorded in the Crown Land Office.

III. RETURNS:

Quarterly returns are required to be made specifying the quantity of ore or mineral wrought or gotten, the amount of royalty accrued, the number of days' labor of the persons employed, and of the amount of work done in any mine. Such returns are required to be made under oath.

IV. ROYALTIES:

The following royalties are payable to the Government: Coal, ten cents per long ton on the coal removed from the mine; copper, four cents upon every one per cent of copper in each ton of two thousand three hundred and fifty-two pounds of copper ore sold or smelted; lead, two cents upon every one per cent contained in each ton of two thousand two hundred and forty pounds of lead ore sold or smelted; iron, five cents on every ton of two thousand two hundred and forty pounds of ore sold or smelted; tin and precious stones, five per cent on their value; salt, two cents per bushel, but none shall be paid when the brine does not contain at least fifteen per cent of salt in solution.

The Government, when it shall be deemed necessary, may provide that the royalty reserved by the mining act shall not be imposed or collected upon any ores mined, wrought or taken until after ten years from the date of the mining lease; and also the Lieutenant-Governor-in-Council may remit any royalty under special circumstances.

V. EXEMPTION FROM TAXATION:

The municipal council of any county in the Province may, at a general meeting specially called, the expenses of which shall be paid by the applicants, exempt from taxation in whole or in part all the plant, machinery, works, buildings or improvements in connection with the operating or developing of mines and minerals for any period not exceeding twenty years.

DIGEST OF THE

Commercial and Corporation Laws OF NEW HAMPSHIRE.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by STREETER, WALKER & HOLLIS, Attorneys-at-Law, Concord, New Hampshire.

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MINING:
No statute laws or decisions in regard to mining in New Hampshire.

COMMERCIAL LAW.

I ALIENS:

Resident aliens may hold, purchase, sell, devise, or transmit by descent property the same as native-born citizens. (Public Statutes, Chapter 137, Sections 16, 17.)

II. ASSIGNMENTS:

Must include all the debtor's property, except what is exempt from attachment ("XII. Exemptions"), for the equal benefit of all his creditors, and must be made to the judge of probate of the county where the debtor resides, and to such assignee as he may appoint; must be under seal, sworn to in the form prescribed, and filed with the judge or register of probate for the county. If real estate is included in the assignment it must be witnessed and acknowledged as is required for deeds of real estate. ("VII. Deeds.")

The judge shall fix a time when an assignee will be appointed, and give notice thereof, personal and by publication, to the creditors. At the time thus fixed, the judge, upon recommendation of two-thirds in number and a majority in value of those creditors who have proved their debts, shall appoint some person, not a creditor, assignee: if the creditors fail to thus recommend, the judge may appoint an assignee without their recommendation.

The assignee must give a bond for the faithful discharge of his duties, and forthwith give notice of his appointment; and within ten days after his appointment must file a schedule of all property embraced in the assignment, with a statement of the estimated value thereof and of the incumbrances thereon, verified by his oath to be true according to the best of his knowledge, information, and belief. The assent of all creditors to the assignment is presumed unless they dissent within thirty days after public notice thereof, and all actions of assenting creditors are discontinued and their taxable costs thereon may be added to their debts in their proofs. Dissenting creditors take no benefit under the assignment. Attachments, payments, pledges, mortgages (except those given to secure debts actually created at the time of the execution of the mortgages), conveyances, sales (except those in the ordinary course of business), and transfers made within three months prior to the assignment, and all payments, pledges, mortgages, conveyances, sales, and transfers, whenever made, that are fraudulent as to creditors, are void, and the assignee may recover and hold the property notwithstanding the same. Within six months after his appointment, and at such other times as the judge may direct, the assignee is required to settle his accounts in the Probate Court, of which settlement due notice must be given. Upon such settlement, the judge may order the balance in the hands of the assignee, or such portion thereof as he may deem proper, to be distributed among the creditors.

Wages due operatives, clerks, house-servants, and other laborers, to an amount not exceeding fifty dollars, for labor performed within six months previous to the assignment, are paid in full; all other creditors receive a dividend in proportion to their respective claims. Creditors are required to prove their claims by affidavit or affirmation and file them in the probate office within one month after the assignment; but they may file them afterwards and participate in subsequent dividends. The proof may be made by the creditor, his agent or attorney. All objections to claims must specify the items objected to, with the grounds of objection, and be under oath of the party objecting, and must be filed within three months after said assignment, unless further time, not exceeding two months more, is granted by the judge. The judge of probate, after notice to parties interested, shall hear and decide contested claims, from whose decision an appeal may be taken to the Supreme Court. A final settlement and distribution must be made within one year after the assignment, unless the judge shall grant further time with the written consent of a majority in number and value of the creditors. If the estate pays fifty per cent of all claims proved, the debtor may be discharged from all debts against him at the date of the assignment; if it pays less he may be discharged upon written consent of three-fourths in number of his creditors who own three-fourths in amount of the debts against him. A debtor who has been once discharged in proceedings of this kind is not entitled to a second discharge under like subsequent proceedings. The law also provides for a composition by the debtor with his creditors. One or more creditors having claims against a debtor amounting to three hundred dollars or more may institute proceedings against the debtor in the Probate Court, and compel an assignment by him with the results above stated, if they satisfy the court that he is insolvent. (Public Statutes, Chapter 201.)

III. ATTACHMENTS:

In most actions, any property which may be taken upon execution may be attached and holden as security for the judgment the plaintiff may recover. (Public Statutes, Chapter 220, Secion 1.) Real estate is attached by the officer leaving an attested copy of the writ and of his return thereon at the dwelling-house or office of the town clerk of the town where the property is situated. (Public Statutes, Chapter 220, Section 3.)

All movable property is taken possession of by the officer on making the attachment. The attachment of lumber, brick, and other bulky articles may be preserved by leaving an attested copy of the writ and officer's return thereon with the town clerk, as in the attachment of real estate, within twenty-four hours after the attachment is made, without retaining the actual possession thereof. (Public Statutes, Chapter 220, Section 16.) In all cases where an attachment is made an attested copy of the writ should be served on the defendant, by giving in hand or leaving at his abode, at least fourteen days before the sitting of the court to which it is returnable. (Public Statutes, Chapter 219, Sections 1, 2.) The property of the defendant in the hands of a third person, and the debts due the defendant, may be attached by trustee process, service being made upon the defendant and trustee, as in other cases. No trustee is chargeable for pensions or bounty money, or for the services or earnings of the wife or minor children of the defendant, or for the defendant's own earnings after service of writ, or for his earnings to the amount of twenty dollars before service of writ on trustee, except for necessaries actually furnished the debtor or his family. (Public Statutes, Chapter 245, Section 20.) Property attached is holden for thirty days from the rendition of judgment, and the levy of the execution must be commenced within that time. (Public Statutes, Chapter 220, Section 40.)

No valid attachment can be made to secure claims not due at the commencement of the action. Attaching creditors acquire a lien in the order of their attachments, and do not share in the attached property pro rata.

IV. CLAIMS AGAINST ESTATES:

All claims against the estates of deceased persons must be prosecuted within three years after the grant of administration, but suit thereon cannot be maintained if commenced within one year, or before payment is demanded. (Public Statutes, Chapter 191, Sections 1-4.) In granting letters of administration preference is given to: 1. The executor named in the will. 2. The widow, or any of the next of kin, or such suitable person as they or any of them may nominate. 3. One of the devisees or creditors. 4. Such other person as the judge of probate may think proper. Non-residents may be appointed if the circumstances, in the opinion of the judge, render the same proper. A non-resident administrator must appoint a resident his agent to receive notice of claims and service of process. (Public Statutes, Chapter 188, Sections 2, 4, 24.)

Administrators must within ten days after their appointment post notice thereof at some public place in the town where the deceased dwelt, if in this State, and cause it to be published. (Public Statutes, Chapter 188, Section 15.)

Estates are distributed in the following order. 1: Expenses of administration. 2. Funeral expenses. 3. A reasonable allowance to the widow. 4. The just debts owed

by the deceased. 5. The support and maintenance of infant children until seven years of age if the estate is in fact solvent. 6. Legacies. (Public Statutes, Chapter 189, Section 17.) The judge is given the power to make the widow a reasonable allowance for her present needs.

Any estate may be decreed to be administered as if insolvent, and in such case the claims against the estate must be presented to and allowed by commissioners appointed by the Probate Court, within the time (from six to nine months) prescribed by the judge, or they are barred. The judge of probate may extend the time of the commissioners' hearings for sufficient cause. Taxes and claims for last sickness are preferred to other debts. Either the administrator or any creditor may appeal from the commissioners to the Supreme Court. (Public Statutes, Chapter 192, Sections 1-4.)

V. COURTS:

The Supreme Court has jurisdiction of common law actions, suits in equity, and appeals from Police, Justice, Probate and Commissioners' Courts; and, sitting as a full bench, of all questions of law transferred by any justice of the court from the trial to the law term of the court. (Public Statutes, Chapters 204, 205.)

The Probate Courts control the administration of estates of persons deceased, the adoption of children, the assignment of dower and homestead, the partition of real estate where there is no controversy about the title, the appointment of guardians for minors and insane persons, and assignments for the benefit of creditors; and have power to change the names of persons who may so desire. (Public Statutes, Title 25.) Appeals lie in all cases from the Probate Court to the Supreme Court.

The jurisdiction of justices of the peace is limited to the determination of civil causes in which title to real estate is not involved, and in which the damages claimed do not exceed thirteen dollars and thirty-three cents. Justices of the peace also have jurisdiction in all criminal cases where the punishment is by fine not exceeding twenty dollars, or by imprisonment not exceeding six months, or by both, and may hold to bail for appearance at the Supreme Court in other criminal cases. Either party in civil causes, and the respondent in criminal cases, may appeal to the Supreme Court. (Public Statutes, Chapter 210.)

VI. FEES:

Acknowledgment: Before notary public, justice or clerk of court	$ .17
Attachment:	
Attorney's fee	1.00
Sheriff, for service, mileage, 6 cents, and	.50
Each copy	1.00
Appeal: From Police or Justice to Supreme Court	.17
Additional costs, contingent.	
Commencement of suit in Justice Court; entry	.50
Commencement of suit in court of record; entry	1.20
Incorporation: To do business within State, recording (not statutory)	2.00
Outside State, from $10 to $200, and recording	2.00
Mandamus: Equity proceeding, no special provision.	
Probate: No special provision.	
Protest	.50
Each notice, with expenses	.25
Record: Per page of 220 words	.17
Each certificate	.08
Sheriff:	
Mileage, each way	.06
Supreme Court writ, each copy $1.00, and service	.50
Police Court writ, each copy 50 cents, and service	.50
Transcription: Same as record.	
Witness: Supreme Court, mileage 6 cents, and, per day	1.50
Police Court, mileage 6 cents, and, per day	.65

VII. DEEDS:

Deeds and other conveyances of real estate must be signed and sealed by the grantor, attested by two or more witnesses, acknowledged before a justice, notary public, or commissioner, whether within or without the State (but if before a justice without the State his official character should be authenticated by the clerk of a court of record or by the Secretary of State), or before a minister or consul of the United States in a foreign country. They should be recorded at length in the registry of deeds in the county in which the lands are situated.

If the wife's only interest in the real estate conveyed is dower, the deed should contain a release of dower, and the wife should sign it, but need not acknowledge it. If the wife has also a homestead right, the deed should contain a release of that, and she should sign and acknowledge it the same as the husband. If the real estate conveyed belongs to the wife in her own right, it is advisable that the husband should join in it, so as to bar his rights of curtesy and homestead. The identity of the grantors need not be certified by the magistrate. A scroll is not a sufficient seal upon a deed or any other instrument required to be sealed.

Any public or private corporation, authorized to hold real estate, may convey the same by any agent appointed for that purpose. (Public Statutes, Chapter 137.)

VIII. DEPOSITIONS:

The depositions of witnesses in any civil cause may be taken and used at the trial, unless the adverse party procures the witness to attend, upon giving notice signed by a justice or notary, stating the day, hour, and place of taking, three days before the caption, where the party resides within ten miles of the place of caption, and one day additional for every twenty miles, provided that twenty days' notice shall in all cases be sufficient. Where the adverse party resides out of the State, and more than twenty miles from the place of caption, or from the party proposing to take the deposition, the notice of the caption may be served on the attorney of such adverse party.

Any justice or notary public in this State, any commissioner appointed under the laws of this State to take depositions in other states, any judge, justice of the peace, or notary public in any other state or country, may take such depositions. When the deposition is taken by a justice out of the State, the official character of the person taking it must be duly certified to by some clerk of a court of record under its seal, or by the secretary of State under the seal of the state, and that certificate must be attached to the caption. The deposition must be signed by the witness, and after so doing he must make oath that the same is true. The magistrate or officer taking the deposition must annex thereto a certificate of the same, the title of the cause, the time and place, and presence or otherwise of the adverse party at the taking of said deposition.

When the adverse party does not attend the caption, a copy of the notice which has been served upon him or his attorney, with the return of the officer, or the affidavit of the person serving the same, indorsed thereon, stating the time of service, must, and in other cases should, be annexed to the caption of the deposition, and such deposition should be sent to the clerk of the court in which the action is pending within ten days after the taking thereof. (Public Statutes, Chapter 225.) By agreement of parties depositions may be taken stenographically and reduced to writing.

IX. DESCENT:

The real estate of every person deceased, intestate, subject to dower or curtesy and homestead rights, descends in equal shares: 1. To the children or their legal representatives. 2. To the father, if he be living, and there be no issue. 3. To the mother, and the brothers and sisters, or their representatives, if there be no issue or father. 4. To the next of kin. The heirs of a bastard, in the ascending line, are the mother and her heirs. In the estate of the mother of bastards, legitimate and illegitimate children share equally. No representation is allowed among collaterals beyond the degree of brothers' and sisters' grandchildren. There is no distinction between heirs of the full and half blood.

Personal estate not bequeathed after settlement of administration account is distributed: 1. To the widow, the share by law prescribed. 2. The residue in equal shares to the same persons to whom the real estate would, by law, descend. (Public Statutes, Chapter 196.)

X. EXECUTIONS:

Executions issue in twenty-four hours after judgment and are returnable at the term of court next following unless the court make a different return day by special order. Writs of possession in a plea of land upon a foreclosure of mortgage at law do not issue until sixty days after the day of final adjournment of the court. Unless execution is taken within thirty days after judgment is entered up, all attachments made upon the writ are lost.

XI. EXEMPTIONS:

There is exempt from attachment, and from liability to be taken upon execution, the following goods and property: Necessary wearing apparel of the debtor and his family; necessary beds, bedsteads, and bedding for the debtor and his family; household furniture to the value of one hundred dollars; one cooking stove and its furniture; one sewing machine; Bibles and school-books in actual use; library to the value of two hundred dollars; one cow; six sheep and their fleeces; one hog, one pig, and the pork of the same when slaughtered; domestic fowls not exceeding in value fifty dollars; four tons of hay; provisions and fuel to the value of fifty dollars; tools of his occupation to the value of one hundred dollars; beasts of the plow, not exceeding a yoke of oxen or a horse; the uniform, arms, and equipments of every officer or private in the militia; the debtor's interest in one pew in any meeting-house, and in one lot in any cemetery. (Public Statutes, Chapter 220, Section 2.)

XII. HOMESTEAD:

The wife, widow, and children of every person who is the owner of a homestead, or any interest therein, are entitled to so much thereof as does not exceed in value five hundred dollars as against creditors, grantees, or heirs of such person, during the life of the wife or widow and

minority of the children. If the wife owns a homestead at her decease the life estate of the surviving husband, not exceeding the value of five hundred dollars, is exempt to him. A homestead of the value of five hundred dollars is also exempt to an unmarried person owning the same. (Public Statutes, Chapter 138).

XIII. INTEREST AND USURY:

The rate of interest is six per cent per annum, unless a lower rate is stipulated. If any person, upon any contract, receives interest at a higher rate than six per cent, he forfeits three times the excess to the person aggrieved and suing therefor; but no contract is invalidated by reason of any stipulation for usurious interest; the money actually advanced may be recovered with legal interest. (Public Statutes, Chapter 203.)

Interest upon all judgments is at the rate of six per cent per annum. Interest upon unpaid taxes is at the rate of ten per cent before the sale of property taxed, and twelve per cent thereafter until time of redemption. Upon current accounts, interest commences from date of demand for payment, unless controlled by the custom of trade, which is a question of fact to be determined by a trial thereof. "Annual" interest is not usurious. (47 N. H. 300, 312.)

XIV. JUDGMENTS:

Are not a lien upon real estate as in some other states, and hold the property only as above stated. Foreign judgments are proven in accordance with the provisions of the United States statutes upon this subject. Attorney's fees cannot be taxed in the judgment in any case. In case there is no defense, or in the event of a final finding upon trial, judgments are entered up as of the last day of the term of the court at which they are rendered, unless ordered, for cause shown, at an earlier day. When no defense is made judgment may ordinarily be obtained in the Supreme Court within six months, and in Justice and Police Courts within one month after the action is commenced.

XV. LIENS:

Any person to whom a tax is assessed upon the property of any other person has a lien upon the property and its income until the tax is paid. Boarding-house keepers have a lien upon the baggage and goods of their guests, save seamen, for their fare or board. Keepers of domestic animals have a lien thereon for their pasturing or board.

Laborers on vessels have a lien thereon for four days after the vessel is completed. Laborers on buildings, and persons furnishing materials to the amount of fifteen dollars or more, by virtue of a contract with the owner thereof, have a lien on the buildings and on the lot of land on which they stand, for the space of ninety days after the labor is performed or materials are furnished. Laborers on wood, bark, logs, lumber, or bricks have the same lien as laborers on buildings, and for the same time. The several liens of laborers may be secured by attachment within the times specified, which takes precedence of all other attachments.

No lien of vendor upon conditional sale of personal property (excepting leases of household goods containing an option to purchase at a specified time) shall be valid against attaching creditors or subsequent purchasers where the property passes into the possession of the vendee, unless the vendor takes and has recorded a memorandum in writing signed by the purchaser, stating the town and the sum due thereon, to which there is attached an affidavit signed by the vendor and purchaser. This memorandum should be recorded, within twenty days after the delivery of the property, in the office of the town clerk of the town where the purchaser resides, if in this State, otherwise in that of the town where the vendor resides; but a record made at a later date will render the lien valid as against subsequent purchasers and attaching creditors. Any member of a partnership may make and subscribe the affidavit in behalf of the firm, and any director or other authorized person in behalf of a corporation.

XVI. LIMITATIONS:

Actions for the recovery of real estate, upon notes secured by mortgage and upon judgments (whether domestic or foreign), recognizances, and contracts under seal, must be brought within twenty years from the time the right to recover accrues.

Actions for trespass to the person and defamatory words must be brought within two years, and all other personal actions within six years after the cause of action accrues.

Where there is any legal disability, real actions must be brought within five years and all personal actions within two years after the removal of such disability.

Writs of error may be sued out within three years after judgment. Scire facias against indorsers of writs and bail are limited to one year. In all personal actions, if the defendant has been absent from the State the time of absence is excluded from the computation.

A debt is revived by any new promise, verbal or written.

XVII. MARRIED WOMEN:

May hold real or personal estate, and convey, sell, devise, and bequeath the same as freely as if they were sole. They are entitled to absolute control of their own earnings, and are not liable for the debts of the husband. They may make contracts in their own name, buy goods, give notes, and transact any business whatever, as if sole, and bind their own property, both real and personal, in the course of such business, for their sole benefit and without the intervention of the husband. But a married woman or her separate estate cannot be held upon a contract or conveyance made by her as surety or guarantor for the husband, nor is any undertaking by her for him or in his behalf binding upon her.

The husband is not liable for debts contracted by the wife before marriage, nor can he in any way incumber or exercise authority over her property. The wife may constitute the husband her agent, and may maintain an action against him upon any contract made by her with him. It has also been holden that she may maintain trover against the husband if he converts her property. The wife is entitled to homestead and dower; the husband is entitled to curtesy as at common law in the lands of the wife.

The husband is liable for debts of the wife contracted after marriage as at common law. The husband cannot convey his improved real estate without the consent of the wife so as to bar her rights of dower and homestead therein. A wife deserted by her husband, or separated from him, or doing business in her own name, or when the husband is a spendthrift, insane, or under guardianship, has all the rights of a femme sole. The husband cannot convey real estate directly to the wife. Women become of age at twenty-one.

XVIII. MILLS AND MILL-DAMS:

Necessary repairs to mills, dams and flumes shall be made by joint owners in proportion to their respective interests; and in case of neglect of part of such owners to make such repairs, proceedings may be had before the selectmen upon petition of a party in interest and notice thereon, as provided by law. After hearing and an examination of the premises, the selectmen shall determine the necessity of repairs and shall apportion the expense amongst the respective owners, with such orders as to time and manner of repairing as they think best; but no order to rebuild shall be made unless the owners of at least one-half the premises assent thereto.

Any person, or a corporation duly authorized, may erect a dam upon any non-navigable stream, and thereby overflow the lands of other persons. If the damage be not adjusted within thirty days, proceedings may, upon petition of either party, be had in the Supreme Court. The court shall refer the petition to a committee of three. If such committee, after notice and hearing thereon, shall be of opinion that the flowing is or may be of public benefit and necessary for the use of the mills for which the dam was designed, they shall estimate the damages and make report to the next term of court, which may, upon motion, review the report and set it aside or render judgment thereon, after adding fifty per cent thereon to the estimate of damages. A jury trial of the material facts may be had upon motion of either party before the reference to such committee.

XIX. MORTGAGES:

Mortgages of real estate can secure only the liability actually existing at the time of their execution, and the condition must be expressed, stating distinctly the sum of money to be secured or thing to be done, and they must be executed with the same formalities as deeds. Mortgaged lands may be redeemed after condition broken and before foreclosure, by performance of the condition and payment of all damages and costs following the breach. The rights of the mortgagor and all claiming under him may be foreclosed: 1. By entry and possession for one year under process of law. 2. By peaceful entry upon the premises, and unbroken actual possession thereof for one year, and a publication in a newspaper in the county three weeks, stating the time of taking possession, the object thereof, the names of the parties, the date of the mortgage, and a description of the premises, the first publication to be at least six months before the right of redemption is foreclosed. 3. By publication as aforesaid, by the mortgagee in actual possession, giving notice that from and after a certain specified day, not more than twenty-eight days after the last publication, possession is to be holden for the purpose of foreclosure and by retaining actual peaceable possession of the premises for one year from and after the day specified in the notice or publication.

Personal property and crops, matured or growing, may be mortgaged. The mortgagee must take and retain actual possession of the chattels mortgaged, or the mortgage must be recorded in the office of the clerk of the town where the mortgagor lives at the time of making the same. No chattel mortgage is valid, save as between the parties thereto, unless the above provision of law is complied with, nor unless both of the parties subscribe and make oath that said mortgage was made solely for

security of the debt specified therein; that said debt is a just debt, and that mortgage was made for no other purpose whatever.

When a firm is a party, any partner may make and subscribe the affidavit; and when a corporation is a party, that may be done by any director or any other authorized person. If the mortgage is given for any other purpose than to secure a debt due from the mortgagor to the mortgagee, the agreement or liability upon which the mortgagee is indemnified or secured must be specifically stated in the mortgage, and the above affidavit so far varied as to verify the validity, truth, and justice of such liability or agreement.

The mortgagee may sell the property at auction at any time after thirty days from condition broken, posting notices of the sale in two public places in the town, and giving the mortgagor, if he resides in the town, a written notice of the sale, at least four days prior thereto; and may apply the net proceeds thereof to his debt. A chattel mortgage cannot be so drawn in this State as to cover future acquisitions.

XX. NOTES AND BILLS:

The indorser on a promissory note is discharged unless presentment and demand are made on the last day of grace. When the note is payable on demand, it is considered as maturing in sixty days from date, without grace. All negotiable paper, save that payable on demand, is entitled to three days of grace, and all such paper maturing on Sunday, February 22d, May 30th, July 4th, Thanksgiving, Fast, Christmas, Election, or Labor day, is due and payable on the next preceding day, and must be so noted and protested. No particular form of words is necessary to constitute a negotiable promissory note. It must be for the payment of money only and absolutely, and not be contingent either as to amount, fund, or person. Judgment notes are not allowed.

XXI. SUITS:

The forms of original process are: writs of attachment, capias, replevin, and trustee process. There are also writs of scire facias and dower. In actions brought by non-residents, the writ must be indorsed by some responsible resident, who is thereby made liable for the costs. No security for costs is required of residents, save in cases of appeal. If either party resides in this State, transitory actions should be brought in the county in which one of the parties resides.

Parties are not entitled of right to a review of actions; but the court may grant a new trial where justice has not been done through accident, mistake, or misfortune, provided the party aggrieved petitions therefor within three years after the rendition of the judgment complained of or the failure of the suit. ("XVI. Limitations.")

XXII. TAXES:

Tax or collectors' deeds are given to the purchaser after two years from the sale of the land at public auction, if the land has not been redeemed by tender or payment of the amount of the tax and costs of sale, with twelve per cent interest thereon from the time of the sale to the time of the tender of payment. Taxes become a lien upon the realty simultaneously with their assessment (April 1st of each year).

XXIII. WILLS:

Wills, to be effectual to pass real estate or personal property, must be made by persons of the age of twenty-one years, of sound mind, in writing, signed by the testator, or by some person in his presence and by his express direction, and attested, and subscribed in his presence by three or more credible witnesses, who should be other than devisees or legatees.

Married women may dispose of their property by will.

Nuncupative wills are valid only when declared in the presence of three witnesses who were requested by the testator to bear witness thereto, in his last sickness, and in his usual dwelling, except when the testator is taken sick from home and dies before his return, except it be when the property bequeathed is personal estate of less value than one hundred dollars. A memorandum thereof must be reduced to writing within six days and presented for probate within six months. (Public Statutes, Chapter 186, Section 17.)

All wills are recorded in the office of the register of probate for the respective counties. Wills must be proved and allowed by the Court of Probate to pass any estate. When executed out of this State the formalities of the place of execution must be observed.

CORPORATIONS.

I. ORGANIZATION:

Corporations may be formed under the general laws for any lawful purpose or for carrying on any lawful business, except banking, life insurance or endowment insurance, and railroading. Such a corporation can carry on its authorized business in this or any other state; but every corporation so organized which does not carry on its business and have its principal office in this State shall pay a charter fee on the largest amount of its authorized capital, as follows: One per cent on the first one hundred thousand dollars; one-half of one per cent on all between that amount and one million dollars; and three-eighths of one per cent on the balance, such payment being a prerequisite to the existence of the corporation.

Corporations are organized under the general laws, as follows: Articles of association signed by five or more persons and setting forth the name, the object, the place of business, and the amount of capital stock of the proposed corporation, and the postoffice address of the signers, shall be recorded with the Secretary of State and with the clerk of the city or town in which the principal business is to be carried on, and the fee required by law, if any, shall be paid to the State Treasurer.

The clerk of said corporation shall be a resident of the State. Shares shall not be disposed of at less than par, to be paid in cash or its equivalent.

II. LIABILITIES:

Each stockholder shall be liable for all the debts of the corporation until the whole amount of the capital stock shall be paid in, and a certificate thereof, properly executed, filed with the clerk of the town where the principal place of business is located. They are not otherwise liable, except for money illegally received by them from the corporation.

Directors are individually liable as follows: If any loan of money shall be made by a corporation to a stockholder; if a dividend shall be made or any part of the capital stock shall be refunded to any stockholder, when the property is insufficient to pay the debts of the corporation; or if the corporation shall contract debts exceeding one-half the value of its property; in all such cases the directors shall be individually liable to the amount of such loan, withdrawal or excess of debts. The directors and treasurer shall also be individually liable for all the debts of the corporation if they fail to make an annual return during the month of May of the amount of all assessments, the amount of debts due to and from the corporation, and the amount of its assets and liabilities.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF NEW JERSEY.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by HENRY I. BUDD, JR., ESQ., Attorney and Counselor-at-Law, 101 Market Street, Camden, New Jersey.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Of deeds may be taken within the State of New Jersey before the chancellor, or a justice of the Supreme Court, a master in chancery, judge of the Court of Common Pleas, or commissioner of deeds; without the State of New Jersey, before a justice of the Supreme Court of the United States, or a Circuit or District judge of the same, or a judge or justice of the Supreme or Superior Court, or a chancellor of the state, territory, or district; or a foreign commissioner of deeds for New Jersey, or master in chancery of this State; or by any officer in

any other state of the United States, authorized at the time of such acknowledgment by the laws of the state wherein the same shall be taken to take acknowledgment of deeds of lands lying and being in such state. If the acknowledgment be taken out of the United States, it may be taken before any public minister, consul, vice-consul, charge d'affaires, or other representative of the United States; or before any court of law, or a mayor, or other chief magistrate.

II. ALIENS:

Whether resident or non-resident, may take, hold, convey, and devise real estate the same as citizens.

III. ASSIGNMENTS:

Must be of the debtor's entire estate, real and personal. Such assignment must be acknowledged as are deeds, and recorded in the county in which the debtor lives and also where his real property lies. It must contain no preferences.

Wages of servants, clerks, and laborers up to three hundred dollars are preferred claims. Creditor must prove his claim before the assignee within three months. If any creditor fail to present his claim, he does not share in the assigned estate, but retains his right to obtain his claim from any property that the debtor may subsequently acquire. The debtor is discharged from all claims presented to the assignee.

IV. ATTACHMENT:

Upon affidavit by the creditor, his agent or attorney of the amount of his debt, and that the debtor is a non-resident, or has absconded from his creditors, the rights, credits, moneys, goods, chattels, and real estate of the debtor may be seized. The attaching creditor is paid the amount of his claim in full, if the estate of the debtor be sufficient. Any other creditor, upon affidavit of the amount of his debt, and application to the court, will be allowed to share pro rata in the proceeds of the attached property, after the payment in full of the claim of the plaintiff in attachment. An attachment will also issue in the following cases, upon an order made by a judge or a Supreme Court commissioner upon filing affidavits proving one of the following particulars: 1. That the defendant is about to remove any of his property out of the jurisdiction of the court in which action is about to be commenced, with intent to defraud his creditors. 2. That the defendant has property or rights in action which he fraudulently conceals. 3. That he has assigned, removed, or disposed of, or is about to assign, remove, or dispose of any of his property with intent to defraud his creditors. 4. That the defendant fraudulently contracted the debt or incurred the obligation respecting which such suit is brought.

V. CLAIMS AGAINST ESTATES:

Must be exhibited under oath to the executor or administrator within not less than six months from the date of the order of notice made by the Orphans' Court. Claims not so exhibited within the time limit may be barred. No action to compel payment of debts can be maintained against an executor or administrator within six months from the date of granting his letters. The physician's bill during the last sickness, funeral expenses and judgments recovered during the lifetime of the decedent are to be first paid.

VI. COURTS:

In actions upon contract, justices of the peace have jurisdiction to two hundred dollars, District Courts to three hundred dollars, and Common Pleas, Circuit and Supreme Courts concurrent jurisdiction for any amount. If judgment for less than one hundred dollars be rendered in the Circuit Court, or less than two hundred dollars in the Supreme Court, no costs are allowed the prevailing party. The jurisdiction of Justices', District, Common Pleas and Circuit Courts is limited to the county in which they are located; but that of the Supreme Court runs throughout the State. The State Court of Chancery has jurisdiction in all equity cases, and exclusive original jurisdiction in divorce cases. The Court of Errors and Appeals has appellate jurisdiction only, and is the court of last resort.

VII. DEEDS:

Follow the common law form. They must be sealed, a seal being sufficient. One witness is sufficient, but not necessary. The wife must join the release of her right of dower, and a husband must join in a deed of his wife's land. The word heirs is necessary to a conveyance of the fee. Every conveyance made after July 4th, 1883, is void until recorded, as against all subsequent judgment creditors without notice, and as against all subsequent bona fide purchasers or mortgagees for a valuable consideration, not having notice thereof, whose deed or mortgage has been first duly recorded. Mortgages are foreclosed by proceedings in chancery, and the land sold by the order of the court. There is no redemption after such sale.

VIII. DEPOSITIONS:

May be taken by commission by obtaining answers to written interrogatories or de bene esse by oral questions upon due notice.

IX. DESCENT:

Dower and curtesy exist as at common law, except that the husband has no estate by curtesy initiate while his wife lives. Real estate descends: 1. To children, and to the issue of deceased children per stirpes to the remotest degree. 2. To brothers and sisters of the whole blood, and to their issue as above. 3. To the father, unless the land came from the mother by gift, descent, or devise. 4. To the mother for life with the reversion in the next heirs. 5. To the brothers and sisters of the half blood or to their issue as above, but those who are not of the blood of the ancestor from whom the land came by descent, devise or gift, cannot inherit. 6. To all persons of equal degree of consanguinity to the person dying seized. The degrees are reckoned, according to the civil law, per capita, and not per stirpes. Those of the blood of the ancestor from whom the land came are preferred. If there are no persons capable of inheriting as above stated, the land descends to the husband or wife in fee simple.

In distribution, the civil law method of reckoning degrees of kindred is followed. If there are children, or their descendants, the widow receives one-third of the personal estate, and the residue is divided among the children in equal shares, the children of a deceased child taking their parent's share. If all the children have died, the grandchildren take equally. If there be no widow, the children and their descendants take the whole estate as above. If there be no children or other descendants, the widow receives half, and the next of kin of equal degree receive the other half. If there be no widow or descendants, then the next of kin take the entire estate. If a child die leaving no widow, issue, or father, every brother and sister shares equally with the mother. There is no representation among collaterals, beyond the children of brothers and sisters.

X. EXECUTION:

Issues immediately after the entry of judgment at any time within the period of limitation. An execution is in force only within the jurisdiction of the court from which it issues. Execution may be made returnable on any day but a legal holiday. There is no redemption after sale. Bank notes, bills, and stocks may be taken and sold in execution. Money may be levied upon and applied without sale to the satisfaction of the debt.

XI. EXEMPTION:

All wearing apparel, and goods and chattels to the value of two hundred dollars, of a debtor with a family residing in the State, are exempt from execution, except for the purchase money thereof. The lot and buildings thereon, owned and occupied by the debtor, who is the head of a family, are exempt to the value of one hundred dollars, if the debtor's deed state that the property is intended for a homestead, or if notice to that effect be filed in the county clerk's office.

XII. INTEREST AND USURY:

The legal rate of interest on debts and judgments is six per cent. Usury is punishable by forfeiture of all interest and costs. Interest on an open account accrues on each item from its date, as at common law.

XIII. JUDGMENTS:

Are a lien upon the real estate of the debtor from the time of their entry, and so remain for twenty years, unless destroyed by an execution issued on a younger judgment, under which a levy is first made. If there be several judgments, that under which the first levy is made is prior in lien. Judgments of the Common Pleas and Circuit Courts are limited to the county in which they are recovered, but those of the Supreme Court extend throughout the State. Judgments of Justices' and District Courts may be docketed in the Court of Common Pleas, and thence in the Supreme Court, and those of the Circuit and Common Pleas may be docketed in the Supreme Court. Docketed judgments have equal lien with those of the court wherein they are docketed.

XIV. LIENS:

Are secured to mechanics, laborers, and material men on buildings and the land, for labor and materials for building and repairing. Additions and fixed machinery are held to be buildings. The lien claim must be filed in the county clerk's office within four months after the completion of the work, and the summons commencing the suit must be issued within three months after the completion of the work. If the work is done by contract in writing, filed in the county clerk's office, the contractor only has a lien upon the premises.

XV. LIMITATIONS:

Suits upon contracts not under seal must be brought within six years; upon real actions and judgments, within twenty years; upon notes secured by mortgage and contracts under seal, within sixteen years. Debts may be revived by part payment or by a new promise or acknowledgment in writing.

XVI. MARRIED WOMEN:

A married woman may hold, and control, all her real and personal property, as if unmarried. She can contract and do business, sue and be sued in her own name as if sole, but she cannot become an accommodation endorser, guarantor, or surety, nor can she convey or mortgage her real estate without her husband's joinder. A married woman may bequeath her personal estate as if she were sole, but she cannot defeat her husband's interest in her real estate. Women become of age at twenty-one years.

XVII. MORTGAGES:

A chattel mortgage may be given upon any personal property. Chattel mortgages that are not accompanied by immediate delivery and followed by continued change of possession of the chattels mortgaged, are absolutely void, as against creditors and subsequent bona fide purchasers and mortgagees, unless they have been acknowledged in the same manner as deeds of real estate, and duly recorded in a book kept for that purpose. A chattel mortgage must have an affidavit annexed, stating the interest of the mortgagee, the consideration of the mortgage, and the amount due and to grow due thereon; said affidavit must be made by the holder or holders of said mortgage, his, her, or their agent or attorney.

Real Estate Mortgages; see "VII. Deeds."

XVIII. NOTES AND BILLS:

Promissory notes are in general subject to the law of foreign bills of exchange, and must be protested. The liability of endorsers is the same as under the general law merchant. Notes and bills due on a legal holiday are payable on the first legal business day following such holiday, and notice of non-payment may be given the day after. January 1st, February 22nd, May 30th, July 4th, the first Monday in September, December 25th, Thanksgiving day, and all days on which a general election for members of the assembly may be held, are legal holidays. If any of these days fall on Sunday, Monday is the holiday.

XIX. TAXES:

Are assessed on real and personal property on May 20th, and become due on or before December 20th following. They are a first lien on real estate for two years from the time when they became due. Mortgages are not taxable unless deduction be claimed under oath by the owner of the mortgaged premises, in which case the amount of the mortgage is deducted from the taxable value of the lands and is assessed to the holder of the mortgage, if a resident of New Jersey; if a non-resident, no deduction is allowed. There are no means provided for collecting the taxes on a mortgage held by a non-resident. In the counties of Hudson, Essex, Bergen, and Passaic, and in the cities of New Brunswick, Camden, and Trenton, the mortgagor may agree with the holder of his mortgage not to claim any deduction.

The real and personal estate of all manufacturing corporations and all other corporations organized under special laws is taxed the same as that of individuals; that is, the real estate in the township or ward where it is located, and the personal estate in the locality of the principal financial office, or the place where the business of the corporation is carried on.

Telegraph, telephone, cable, electric light, express, gas, palace car and sleeping car, oil and pipe line, and insurance companies, pay a certain percentage on their gross incomes as an annual license. All other companies incorporated under the laws of New Jersey pay a license of one-tenth of one per cent of the amount of the capital stock on all amounts issued and outstanding up to and including $3,000,000; on all sums over $3,000,000, and not exceeding $5,000,000, one-twentieth of one per cent, and the further sum of $50 per million or any part thereof on all sums in excess of $5,000,000. This tax is not imposed on railway, canal, or banking companies, or savings banks, cemeteries, or religious corporations, or purely charitable or educational associations, or manufacturing or mining companies carrying on business in this State, at least fifty per cent of whose capital stock issued and outstanding is invested in mining or manufacturing carried on in this State. Those companies having less than fifty per cent so invested are entitled to a deduction from the capital stock of the assessed value of the property so used. If any other state impose taxes, fines, penalties, or other obligations on New Jersey corporations, the same obligations are imposed on corporations of that state doing business in New Jersey.

XX. WAGES:

Wages are subject to attachment except if due to a non-resident employee, in which case they are not liable to attachment at the suit of a non-resident creditor, or his or her assigns.

The unincumbered personal effects and money of an insolvent railroad corporation must be primarily devoted, by the receiver of such corporation, to the payment of not more than two months' wages due to the employees of said corporation at the time of his appointment as such receiver. When the receiver continues to operate the railroad, the operating expenses are a first lien upon his receipts.

The personal property of any person or corporation defendant is not liable to be removed from its location by virtue of execution, attachment, or other process, issued against said defendant, unless the plaintiff in such proceeding first pay one month's wages to the employees of such defendant. If such personal property should be removed, the officer removing it cannot sell the same before ten days after such removal, and not even then without first paying all claims for wages that may be presented to him within such ten days.

The wages of clerks, miners, mechanics, and laborers, due by an assignor at the time of his making a general assignment for the benefit of creditors, are preferred debts to the amount of three hundred dollars, and must be paid by his assignee before any other claim or debt. The employees of an insolvent corporation have a lien upon the assets of the corporation for the amount of the wages due them for work performed within two months next preceding the date of the commencement of proceedings in insolvency, mortgages upon the real estate of such corporation and chattel mortgages given by said corporation and recorded more than two months preceding said date being alone prior to said lien. In the payment of the liens given to mechanics and material men for work done or materials furnished for the construction of any building, the wages of journeymen and laborers have priority in payment to the claims of employers of labor, contractors, or material men.

The payment of laborers' wages by orders upon stores, in which their employer has an interest, or otherwise than by money or what may be redeemable in money, is a misdemeanor, punishable by fine or imprisonment.

XXI. WILLS:

A will made by a minor, idiot, lunatic or insane person, is void. All wills must be in writing, signed and published by the testator as his last will in the presence of two witnesses, who must sign the same in the presence of the testator and in the presence of each other. Wills must be proved and recorded in the office of the surrogate of the county in which the testator resided at the time of his death, if a resident of New Jersey. They are admitted to probate after ten days from the death of the testator. A will attested by a devisee or legatee, or executor, may be proved by him, but his legacy or devise is void. Non-residents' wills, devising real estate located in New Jersey, must be executed and proved according to the laws of New Jersey.

CORPORATIONS.

I. ORGANIZATION:

Corporations are created under general laws. They may be organized for any lawful purpose whatever, by any three or more persons, on their making and filing a certificate setting forth: 1. The name of the company. 2. The place in this State or elsewhere where its business is to be conducted, and the objects for which the company is formed. 3. Total amount of the capital stock, not less than two thousand dollars; the amount with which it shall commence business, not less than one thousand dollars; the number of shares, and the par value of each. 4. The names and residences of the stockholders and the number of shares held by each. 5. The duration of said corporation, not exceeding fifty years.

The certificate must be duly acknowledged and must be recorded in the office of the clerk of the county where the corporation's principal place of business in this State is located, and afterward filed with the Secretary of State.

II. POWERS:

A corporation thus formed shall be deemed to have power: 1. To have succession by its corporate name. 2. To sue and be sued. 3. To make and use a common seal and alter the same at pleasure. 4. To hold, purchase, or convey such real or personal estate as may be necessary for the purposes of its business, not exceeding in value the amount limited in its charter, and also to hold such property as may have been acquired under mortgages or judgments for bona fide debts. 5. To appoint subordinate officers or agents. 6. To make by-laws. 7. To wind up or dissolve itself, or to be wound up or dissolved according to law. Any company organized under the general corporation act may carry on a part of its business, hold, purchase, and convey real estate outside of this State, provided that such corporation shall have an office in the State of New Jersey. (Commercial Law: See "XIX. Taxes.")

III. OFFICERS:

Directors must be not less than three in number, and must be chosen annually by the stockholders; but any corporation by so providing in its original certificate of incorporation may classify its directors so as to elect their several classes for different terms, not more than five years nor less than one, the term of at least one class to expire in each year. The officers, president, secretary,

and treasurer, may be chosen by the stockholders or the directors, according to the provision of the by-laws. The president must be one of the directors. The officers must be chosen annually. Every corporation must annually file with the Secretary of State a list of its officers and directors.

IV. CAPITAL STOCK:

The stock and transfer books must be kept within New Jersey, but the other books may be kept outside, subject to be brought within the State upon the order of a court. Shares can be assessed until fully paid up. The directors may purchase property necessary for the business of the corporation, or the stock of any company owning such property, and use stock to the amount of the value thereof in payment therefor, and such stock is considered fully paid stock. Subscriptions to capital stock may be paid wholly or partly in cash, or wholly or partly in property of the full value thereof, and the stock so issued shall be considered fully paid stock. Corporations may increase or diminish their capital stock and change the nature of their business on filing a certificate to that effect.

V. MEETINGS:

Stockholders' meetings must be held within New Jersey, at the principal place of business of the corporation. Directors' meetings may be held outside the State, if the by-laws so allow. Stockholders may vote by proxy.

VI. LIABILITY OF STOCKHOLDERS:

The liability of stockholders for debts extends to the amount of their unpaid subscriptions. Stockholders in gas companies are liable for wages due employees of such corporations.

VII. FOREIGN CORPORATIONS:

Foreign corporations may hold, mortgage, lease or convey such lands as they may require for the purpose of transacting their business in this State, and such as they may acquire in payment of debts. Every foreign corporation must have an agent and an office within this State. Such corporation must file with the Secretary of State a copy of its charter or certificate, duly attested; and a statement setting forth the amount of its capital stock authorized, the amount issued, the nature of its business, and the name of its agent.

MINING.

I. INSPECTION OF MINES:

A "factory and workshop inspector" is authorized to visit and inspect all mines in the State and report annually the results of such inspection to the Governor of the State, together with such recommendations as he shall deem necessary. He shall ascertain whether proper and necessary safeguards are provided for the protection of the lives of the men employed in the mines; and if such safeguards be neglected, the inspector is authorized to notify the owner or lessee of the mines of such neglect. Unless the owner or lessee immediately remedy such deficiency, he becomes criminally liable therefor, if any death or accident should result from such neglect. If complaint be made in writing by any employe in a mine that such mine is dangerous to the lives of those employed therein, the inspector is directed to examine the mine complained of without delay. If he find such complaint to be just, he is required to notify the owner or lessee of such danger, and in such notice he may, in his discretion, order such mine to be closed until he shall issue his order that such danger has been removed. Any owner or lessee of a mine refusing to comply with the last mentioned notice shall forfeit the sum of one thousand dollars, to be paid to the use of the poor of the township in which such mine is located.

II. PROPERTY RIGHTS:

It has been held in New Jersey that a deed may convey a distinct inheritance in mines, the fee to the land remaining in the grantor. A tenant for life is entitled to work a mine, quarry, clay-pit, or sand-pit which has been opened and used by the former owner. A widow is entitled to dower in such mines and quarries as were actually opened and used during the lifetime of her husband. One tenant in common cannot convey a particular part of a common property, or an easement in it, as the right to dig ores, to the prejudice of his co-tenant. Such a conveyance is void as to the co-tenant, but good as against the grantor. Such grantee of the right to dig ores, from one tenant in common, cannot ask for a partition of the premises.

DIGEST OF THE

Commercial and Corporation Laws OF NEW MEXICO.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD.

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COMMERCIAL LAW.

I. ASSIGNMENTS:

An insolvent debtor may make or be compelled by the courts to make an assignment for the benefit of the creditors generally, pro rata.

II. ATTACHMENTS:

Creditors whose demands exceed one hundred dollars may sue by attachment, after filing bond conditioned in favor of defendant, for double the amount claimed.

III. CLAIMS AGAINST ESTATES:

Must be presented within two years from the death of the deceased, and are paid in this order: Expenses of funeral and last sickness; allowance for widow and children; claims preferred by laws of the United States or the Territory; taxes, other debts, legacies.

IV. COURTS:

District Courts in all counties have unlimited common law and chancery jurisdiction. The Probate Courts have the same powers as in the United States.

V. DEEDS:

Must be subscribed, acknowledged and certified in form as provided in the states.

VI. DEPOSITIONS:

May be taken when the witness from infirmity or absence from place of trial, or other approved cause, is unable to attend at the trial. They may be taken out of the Territory by the clerk of any court of record, notary public or commissioner of deeds.

VII. DESCENT:

The property of an intestate goes: 1. To lineal descendants. 2. To nearest ascendants. 3. To collateral relatives.

VIII. EXECUTIONS:

May issue at any time within five years. Real estate sold under execution may be redeemed within one year.

IX. EXEMPTIONS:

Include real estate to the value of one thousand dollars for an actual resident head of a family, necessary clothing, beds and bed clothing, school and religious books, religious and family pictures, provisions to the value of fifty dollars, furniture not to exceed in value two hundred dollars, and tools necessary for a trade or business not exceeding in value one hundred and fifty dollars.

X. INTEREST:

Six per cent is the legal rate. By contract twelve may be paid.

XI. JUDGMENTS:

Are a lien on real estate from date of filing.

XII. LIENS:

Exist for labor, material, landlords and common carriers.

XIII. LIMITATIONS:

Actions for recovery of real estate, ten years; on judgments of courts of record, seven years; on bonds, bills and notes, written contracts, and judgments not of a

court of record, six years; on open accounts, unwritten contracts, injuries to and conversions of property, four years; against sureties on official bonds, etc., two years; and actions of replevin and claims against estates, one year.

XIV. MARRIED WOMEN:

May receive and hold property free from liability on account of husband's debts.

XV. MORTGAGES:

Must be executed and recorded in like manner as provided for deeds. Chattel mortgages cannot be made on growing crops.

XVI. NOTES AND BILLS:

Are assignable. Commercial paper falling due on any legal holiday is payable on the next business day thereafter.

XVII. SUITS:

In commencement and prosecution of suits within the Territory, the practice is strictly according to the common law of the United States.

XVIII. TAXES:

Are due on August 1st in each year and become delinquent November 1st following, and thereafter bear interest at twenty-five per cent per annum. Taxes are a lien on all the real estate of the debtor. The actual resident head of a family is exempt from taxation to the value of two hundred dollars.

XIX. WILLS:

The maker of any will must be twenty-one years of age, and the will must be attested by two witnesses, as provided by the laws of the states. A will is irrevocable except by special mention of such revocation in a new will, or by other properly attested evidence of testator's intention.

CORPORATIONS.

I. GENERAL PROVISIONS:

Corporations for mining, quarrying, manufacturing, trading or any legitimate business may be formed by any three or more persons. Capital stock in such corporations is personal estate, which may be taken on attachment or execution. Foreign corporations may do business after complying with requisite formalities substantially as provided in the states.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments within the State may be taken before justices of the Supreme Court, county judges, surrogate, mayors, recorders, commissioners of deeds, notaries public, justices of the peace, etc. Acknowledgments without the State and within the United States or the Dominion of Canada may be taken before any officer of such state, territory or dominion, authorized by the laws thereof, to take the proof and acknowledgment of deeds; but to entitle an instrument to be read in evidence or recorded in this State, there shall be attached a certificate of the clerk, register, recorder, or prothonotary of the county in which such officer resides, that such officer was authorized to take the same and that such clerk, etc., is well acquainted with the handwriting of such officer and verily believes such signature to be genuine.

II. ALIENS:

An alien may acquire a good title to land.

III. ASSIGNMENTS:

Voluntary general assignments for the benefit of creditors are regulated by statute. Such assignment shall be acknowledged and recorded in the office of the clerk of the court in such county where such debtor resides or carries on his business. The assignee must accept the trust and give a bond named by the court.

Wages due employees at the time of the assignment are preferred debts. After payment of such wages, preferences can be given to the amount of one-third in value of the remaining part of such assigned estate.

Assignment does not release the debtor from the debts owing by him. The statute also provides for an assignment known as the "two-thirds assignment," allowing the discharge of the debtor from his debts upon complying with the statutory requirements, and filing the consent of two-thirds in value of his creditors.

IV. ATTACHMENT:

An attachment will be granted where the action is to recover a sum of money only as damages upon a breach of contract, express or implied, other than a contract to marry; wrongful conversion of personal property; or any other injury to personal property, in consequence of negligence, fraud, or other wrongful act.

To entitle the plaintiff to such atttachment he must show to the court by affidavit that one of the causes of action above specified exists against the defendant, and if it is brought for a breach of contract, he must show the sum which he is entitled to over and above all counter-claims; that the defendant is either a foreign corporation or not a resident of the State; or, if a natural person and a resident of the State, that he has departed therefrom with intent to defraud his creditors, or to avoid the service of a summons, or keeps himself concealed with like intent; or, if the defendant is a natural person or a domestic corporation, that he or it has removed, or is about to remove, property from the State with intent to defraud his or its creditors; or has assigned, disposed of or secreted, or is about to assign, dispose of or secrete his property with like intent. A bond of not less than two hundred and fifty dollars must be given by the plaintiff.

V. CLAIMS AGAINST ESTATES:

Claims must be presented to the personal representatives of the deceased, duly verified, any time before the final settlement. If such representative disputes or rejects the claim, it may be referred. If not so referred, it must be sued within six months, or it is barred by the statute of limitations. Such representative may be compelled to settle his accounts after the lapse of eighteen months from his appointment. If the personal property of the decedent is insufficient to pay his debts in full, his real property may be resorted to for that purpose. The debts of a decedent are a lien upon the real property of which he died seized for three years after his decease.

VI. COURT FEES:

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VII. DEEDS:

Conveyances of a fee in land must be by deed, signed by the grantor, and either sealed, or bear the word "seal," or the letters "L. S." opposite the grantor's name. To entitle the deed to be recorded it must be acknowledged. No particular form of deed is required to convey real property. In New York County a fee of five dollars is charged for recording a deed not in a particular form prescribed by the statute. The execution of a deed by a corporation is made by its officers. Deeds are recorded in the county clerk's office, or with the register of deeds in certain counties. A recorded contract for traffic in land is not a lien upon the land, nor a cloud on the title.

VIII. DEPOSITIONS:

The depositions of a party to an action, or a person not a party, can be taken before trial where it is shown that the testimony of such person is material and necessary, and that he is about to depart from the State, or is so sick or infirm as to afford reasonable ground of belief that he will not be able to attend the trial; or where any other special circumstances exist which render it proper that he be examined before trial. Depositions may be taken by order of the court, or upon stipulation of the respective attorneys; and a commission may issue to take the evidence of a witness or witnesses not within the State, upon interrogatories annexed to the commission, or upon oral questions put to the witness.

IX. DESCENT:

Real estate, undevised, descends as follows: 1, lineal descendants; 2, father; 3, mother; 4, collaterals. Descendants take shares of parents except when all are of equal degrees of consanguinity, when they share alike. Personal property is distributed as follows: One-third to widow; residue to children, or their heirs or legal representatives. If there are no children, one moiety goes to the widow, the other to the next of kin. If there be no descendant, parent, brother, sister, nephew, or niece, the widow takes the entirety. If there be no widow or children, all goes to the next of kin. Half-bloods take as the whole blood. Posthumous children take as survivors. The estate of a married woman is distributed the same as that of a man. The husband takes the same as the widow.

X. HOMESTEAD:

A lot of land with one or more buildings thereon, not exceeding in value one thousand dollars, owned and occupied as a residence by a householder having a family, is exempt from levy and sale under execution as a homestead, where the conveyance to such person states in substance that it is designated to be held as a homestead; or a notice containing a full description of the property, and stating that it is designated to be so held, subscribed by the owner, is acknowledged and recorded in the office of the clerk of the county where such premises are situate. Such exemption continues after the death of the person in whose favor the property was exempted, as follows: If the decedent was a woman, it continues for the benefit of her surviving children until the majority of the youngest surviving child. If the decedent was a man, it continues for the benefit of his widow and surviving children until the majority of the youngest surviving child, and until the death of the widow. But this exemption ceases if the property ceases to be occupied as a residence by the person for whose benefit it is continued.

XI. INTEREST:

The legal rate of interest is six per cent. Penalty for usury is forfeiture of principal and interest. A state bank forfeits double the amount of interest. Usurious interest may be recovered if action is brought therefor within one year. Usury is a misdemeanor.

XII. JUDGMENTS:

Judgments are obtained by action or confession. Judgments by confession may be entered for a debt due or to become due, or to secure a person against contingent liability. Judgments in a court of record are good for twenty years, and in courts not of record for six years, and are liens upon the real estate of the defendant for ten years after the same are docketed in the office of the clerk of the county where the real estate is situated. Judgment is a lien upon the personal property of a defendant while execution is actually in the hands of the sheriff, but a sale by the judgment debtor to an innocent party of such personal property, while such execution is in the hands of the sheriff, gives the purchaser a good title.

XIII. LIENS:

The provision under the laws of the State for mechanics', vendors', contractors', servants' and mercantile liens are substantially the same as those of other states. Where the claim is made against the contractor, notice must be served upon the owner of the property on which such improvements were carried out, or for which such material was furnished, of the amount of the claim, who cannot relieve himself of the liability by making payments to the contractor after the service of such notice. Every lien shall continue to the expiration of six months from the time of filing the notice, unless action is commenced within that time to foreclose; then the lien shall continue until judgment shall have been rendered, and for one year thereafter, pending an appeal taken, if any.

XIV. LIMITATION OF ACTIONS:

Actions must be brought within the following periods, or they are barred from the statute of limitations: Within forty years: on behalf of the people respecting real property. Within twenty years: actions for the recovery of real property or judgment of a court of record, upon a sealed instrument, or for dower. Within six years: actions upon a contract, express or implied, except a judgment or sealed instrument; to recover upon liability created by statute, except a penalty or forfeiture; to recover damages for an injury to property, or personal injury; to recover a chattel; to procure a judgment other than for a sum of money on the ground of fraud; to establish a will where the will has been lost, concealed or destroyed; upon a judgment in a court not of record. Within three years: actions against a sheriff, coroner, or other officer, for non-payment of amount collected on an execution; upon a statute for a penalty or forfeiture where action is given to the person aggrieved; against an executor, administrator, or against the trustee of an insolvent debtor; to recover damages for a personal injury from negligence. Within two years: actions to recover damages for libel, slander, assault, battery, or false imprisonment.

A new promise in writing or part payment revives and continues the debt. Limitations do not run while the person is without the State. The statute of limitations is a defense, and must be pleaded and proven.

XV. MARRIED WOMEN:

A married woman can take, hold, and convey property the same as a femme sole, and is liable for her contracts. She can carry on any trade or business in her own name; convey her property without the consent of her husband; and sue and be sued alone respecting her property. Real estate conveyed to husband and wife is held by them as tenants in the entirety, and not as joint tenants or tenants in common.

XVI. MORTGAGES:

Mortgages are executed and recorded the same as deeds, and are a lien upon the property mortgaged. Any conveyance, no matter what the form, if intended as a security, will be considered as a mortgage. The equity of redemption in the mortgagor is foreclosed by action; and if the mortgage contains a power of sale, by advertisement without the intervention of the court.

XVII. TAXES:

Generally lands may be sold for taxes when in arrears for two years, but different statutes apply to different localities. Taxation is a statutory proceeding, and must be strictly pursued by taxing officers.

XVIII. TRUST DEEDS:

Every disposition of lands, whether by deed or devise, shall be direct to the person to whom the right to the possession in profits shall be intended to be invested, and not to any other, to the use of, or in trust for, another. No estate or interest, legal or equitable, shall vest in the trustee, except for the following express trusts: to sell lands for the benefits of creditors; to sell, mortgage or lease lands for the benefit of legatees, or for the purpose of satisfying any charge thereon; to receive the rents and profits of lands, and apply them to the use of any person during the life of such person, or for any shorter term; and for certain other purposes.

XIX. WILLS:

Any person who is of sound mind and memory, and twenty-one years of age, can devise real estate. Personal property can be bequeathed by a man eighteen years of age, and a woman sixteen years of age.

Wills must be in writing, signed by the testator, in the presence of not less than two witnesses, who must sign in the presence of the testator and of each other, and add their places of residence.

Nuncupative wills can only be made by a soldier in actual military service, or by a sailor at sea.

No person having husband, wife, child, or parent, can devise or bequeath by will to any benevolent, charitable, scientific, or religious association or corporation more than one-half of his or her estate after payment of debts.

CORPORATIONS.

I. ORGANIZATION:

Three or more persons may become a corporation, other than a moneyed or transportation corporation, for any

lawful business purpose, except a business partaking of the nature of banking or insurance, by making, signing, acknowledging, and filing a certificate which shall contain: 1. The name of the proposed corporation. 2. The amount of the capital stock, and if any portion be preferred stock, the preferences thereof. 3. The purpose or purposes for which it is to be formed. 4. The number of shares of which the capital stock shall consist, each of which shall not be less than five nor more than one hundred dollars; and the amount of capital, not less than five hundred dollars, with which said corporation shall begin business. 5. The city, village, or town in which its principal business office is to be located. 6. Its duration. 7. The number of its directors, not less than three, and not more than thirteen. 8. The names and postoffice addresses of the directors for the first year. 9. The postoffice addresses of the subscribers, and a statement of the number of shares of stock which each agrees to take in the corporation.

Every certificate of incorporation shall be filed in the office of the Secretary of State, and of the clerk of the court in the county where the principal place of business of the corporation is or is to be located. No such corporation shall incur any debts until the amount of capital specified in its certificate of incorporation as the amount of capital with which it shall begin business shall have been paid in, in money or property. Existing corporations may be reorganized under the present corporation laws by following certain directions of the statute, and any two or more corporations heretofore organized under the laws of the State may be consolidated by following certain directions of the statute, and the amount of the capital stock may be increased or decreased, and the principal place of business of the corporation may be changed as prescribed by statute.

II. CAPITAL STOCK:

One-half of the capital stock of every such corporation shall be paid in within one year from its incorporation, or the corporation shall be dissolved, and the directors, within thirty days after such payment, shall make a certificate of the fact, which shall be signed and acknowledged by a majority of the directors, and verified by the president or vice-president, secretary, and treasurer, and filed in the office where the certificates of incorporation are filed. The dissolution of any such corporation for any cause shall not take away or impair any remedy against it, its stockholders or officers for any liability incurred previous to its dissolution.

III. LIABILITY OF STOCKHOLDERS:

The stockholders of every such corporation shall jointly and severally be personally liable to its creditors in an amount equal to the amount of stock held by them respectively, for every debt of the corporation, until the whole amount of its capital stock issued and outstanding at the time such debt was incurred shall have been fully paid. The stockholders of every such corporation shall jointly and severally be liable for all debts due and owing to any of its laborers, servants, or employees, other than contractors, for services performed by them for such corporation. Before such laborer, servant, or employee shall charge the stockholders for such services, he shall give them notice in writing, within thirty days after the termination of such services, that he intends to hold them liable, and shall commence an action therefor within thirty days after the return of an execution, unsatisfied, against said corporation, upon a judgment recovered against it for services.

Every corporation formed under this act may become a full liability corporation by inserting a statement in the certificate of incorporation that the corporation thereby formed is intended to be a full liability corporation.

IV. REPORTS:

Every such corporation shall, during the month of January in each year, make a report as of the first day of said month, which shall state: the amount of capital stock actually issued; the sum of its debts, or a sum that they do not then exceed; and the sum of its assets, or an amount which said assets at least equal.

Such report shall be made by a majority of its directors, and verified by the oath of its president or vice-president, secretary, and treasurer, and filed in the office of the Secretary of State, and in the office of the clerk of the court in the county where its principal business office is located. If such report is not made and filed, all the directors of the corporation shall jointly and severally be personally liable for all the debts of the corporation then existing, and for all contracted before such report shall be made; or if such report so filed shall be false in any material representations, the officers and directors signing the same shall jointly and severally be personally liable to any person who has become a creditor or stockholder of the corporation upon the faith of such certificate.

V. FOREIGN CORPORATIONS:

No foreign stock corporation, other than a moneyed corporation, shall do business in this State without having first procured from the Secretary of State a certificate that it has complied with all the requirements of law to authorize it to do business in this State; and that its business is such as may be lawfully carried on by a corporation incorporated under the laws of this State for such or similar business; or, if more than one kind of business, by two or more corporations so incorporated for such kinds of business respectively. The Secretary of State shall deliver such certificate to every such corporation so complying with the requirements of law. No such corporation shall do business in this State without having procured such certificate from the Secretary of State. No foreign stock corporation doing business in this State without such certificate shall maintain any action therein upon any contract made by it until it shall have procured such certificate.

MINING.

I. STATE MINES:

The following mines are the property of the people of this State in their right of sovereignty: 1. All mines of gold and silver discovered, or hereafter to be discovered, within this State. 2. All mines of other metals discovered, or hereafter to be discovered, upon any lands owned by persons not being citizens of the United States. 3. All mines of other metals discovered, or hereafter to be discovered, upon lands owned by a citizen of the United States, the ore of which on an average shall contain less than two equal third parts in value of copper, tin, iron, and lead, or any of those metals. 4. All mines and all minerals and fossils discovered, or hereafter to be discovered, upon any lands belonging to the people of this State.

II. WORKING OF MINES:

Any citizen of this State discovering a valuable mine or mineral upon lands belonging to the State and filing the notice of discovery required by this article, may work such mine; and he and his heirs or assigns shall have the sole benefit of all products therefrom on the payment into the State treasury of a royalty of two per cent of the maket value of all such products. Such valuation shall be made when such product shall first be in a marketable form. A statement of the amounts sold or removed from the premises covered by such notice of claim, and of the trees cut or destroyed upon such lands, shall be made semi-annually under oath to the Secretary of State, and payments of such royalty shall be made semi-annually to the State Treasurer, under oath as to the amount thereof, on the basis of such semi-annual statement to the Secretary of State. Any wilful falsehood in the contents of such statement to the Secretary of State or State Treasurer in regard to such royalty, shall work a forfeiture to the State of the value of the whole amount mined during the period covered by such statements.

III. PROPERTY RIGHTS:

All mines of whatever description, other than mines of gold and silver, discovered, or hereafter to be discovered, upon any lands owned by a citizen of any of the United States, the ore of which on an average contains two equal third parts or more in value of copper, tin, iron, and lead, or any of those metals, shall belong to the owner of such land.

IV. GOLD AND SILVER:

No person discovering a mine of gold or silver within this State shall work the same until he give written notice thereof to the Secretary of State, which shall be registered in a book to be kept by such Secretary, describing particularly the nature and situation of the mine. Such person, and his executors, administrators, and assigns, shall be exempted from paying to the people of the State any part of the ore, produce or profit of such mine for the term of twenty-one years, to be computed from the time of giving notice of such discovery; and after the expiration of such term, the discoverer, or his representatives, shall be preferred in any contract for the working of such mine made with the Legislature or under its authority.

V. ENTRY UPON LANDS:

Nothing contained in this article shall affect any grant heretofore made by the Legislature to persons having discovered mines; nor be construed to give any person the right to enter upon or break up the lands of any other person, or of the State, or to work any mine on such lands, unless the written consent of the owner thereof, or of the commissioners of the Land Office, when the lands belong to the State, shall be previously obtained. Permission to erect buildings for working mines upon State lands within the forest preserve may be given by the Forest Commission, and elsewhere, by the commissioners of the Land Office, when such lands are entirely denuded of timber or when such commission or commissioners are satisfied that the erection or occupation of such buildings will not be detrimental to the interests of the State. Nothing in this article shall authorize any

person working a mine upon State lands to cut or destroy any timber whatever except such trees as it may be actually necessary to remove in order to uncover or make a road to such mine. For each tree measuring four inches or more in diameter at a height of one foot from the ground, which shall be so cut, the party operating the mine shall pay into the State treasury the sum of one dollar.

Corporations formed for the purpose of working and having lawful authority to work mines found within this State may require the right and easement to enter upon and break up lands necessary for the operation of such mines, and if the written consent of the person in or upon whose lands such mine or mines are found shall be refused or cannot be obtained by agreement, or by reason of the infancy or absence of such person from the State, or other legal disability of the owners of such lands, every such corporation may acquire such right and easement by condemnation, which right and easement when required shall be deemed to have been so granted for a public use, and for the public purpose of obtaining minerals reserved to the State. Before instituting any proceedings for such condemnation the corporation shall file with the Commissioners of the Land Office, a full description of the location of such lands, and obtain a grant of the right to acquire such right and easement from such commissioners who are authorized to make the same and fix the terms thereof.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF NORTH CAROLINA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by WALTER E. MOORE, Attorney, Webster, North Carolina.

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COMMERCIAL LAW.

I ACKNOWLEDGMENTS:

May be taken within the State by any judge or clerk of a court of record, or any justice of the peace or notary public. In other states by any commissioner appointed by the Governor of this State, and clerks of courts of record in such states; and in foreign countries by a mayor or other chief magistrate, or any minister, consul or commercial agent of the United States. Acknowledgments of deeds, to which Superior Court clerks are parties or interested in, may be taken before any judge of a Superior Court or justice of the Supreme Court, or a justice of the peace.

II ARREST:

Defendant may be arrested in a civil action in the following cases: 1. In an action arising on contract where defendant is a non-resident of the State, or is about to remove therefrom with intent to defraud his creditors; and in an action for the recovery of damages on a cause of action not arising out of contract, where the action is for injury to person or character; or for wrongfully taking, detaining or converting property, real or personal. 2. In an action for a fine or penalty, for money received; or for property embezzled or fraudulently misapplied, by any public officer, attorney, solicitor or counselor, officer or agent of a corporation or banking association, in the course of his employment as such; or by any factor, agent, broker, or other person in a fiduciary capacity; or for any misconduct or neglect in office, or in a professional employment. 3. In an action to recover the possession of personal property unjustly detained, where the property, or any part thereof, has been concealed, removed or disposed of, so that it can not be found or taken by the sheriff, and with the intent that it should not be so found or taken; or with the intent to deprive the plaintiff of the benefit thereof. 4. When the defendant has been guilty of a fraud in contracting the debt or incurring the obligation for which the action is brought; or in concealing or disposing of the property for the taking, detention or conversion of which the action is brought; or when the action is brought to recover damages for fraud or deceit. 5. When the defendant has removed or disposed of his property, or is about to do so, with intent to defraud his creditors.

The provisions of the act do not apply to proceedings for contempt, and no female shall be arrested in any action, except for willful injury to person, character or property. Defendant arrested is at any time, before judgment, entitled to a jury trial on motion to vacate order of arrest. (Laws of 1889, Chap. 497.)

III. ASSIGNMENT:

An insolvent debtor may be discharged by filing petition and making assignment of property to a trustee for benefit of all creditors. But his subsequently acquired property (not exempt) is liable for the satisfaction of his debts. No creditor not having received notice is bound by the discharge. Any creditor may suggest fraud, and on fraud or concealment being found by jury, judgment will be that debtor be imprisoned until a full and fair disclosure of all his money, property or effects be made. Voluntary assignments are only good against creditors from registration. A debtor may in an assignment prefer one creditor to another.

IV. ATTACHMENTS:

Process may issue against the property of a non-resident debtor, or one who has departed from the State to defraud his creditors or to avoid the service of a summons, or keeps himself concealed therein with like intent; or against a foreign corporation; or if such person or corporation has removed, or is about to remove any of his or its property from this State with intent to defraud his or its creditors, or has assigned, disposed of, or secreted, or is about to assign, dispose of, or secrete any of his or its property with the like intent, whether such debtor is a resident of this State or not.

The creditor procuring warrant of attachment must, within ten days, file affidavits in the clerk's office, or before a justice of the peace, if the warrant is taken out in his court, stating the grounds on which the warrant of attachment is asked. The creditor is also required to give good bond and security for costs and damages in case the proceeding by attachment is wrongful or oppressive.

Garnishee process is not known under the statute. In actions arising on contract for recovering of money only, or in an action for the wrongful conversion of personal property, attachment process may issue at the time or after the issuing of the summons.

V. COURTS:

The Superior Court, holding at least two terms a year in each county, has exclusive original jurisdiction in all civil actions involving over two hundred dollars. In some counties eight terms a year are held, but only one-half of them are appearance terms. The clerk of the Superior Court is judge of Probate. Justice's jurisdiction is limited to two hundred dollars.

VI. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .25
Man and wife	.50
Attachment: about	3.00
Appeal: contingent.	
Commencement of suit in Justice Court: $1.20 to	2.50
Commencement of suit in court of record, and fee	1.60
Bond or deposit	2.00
Incorporation	25.00
Mandamus: same as court of record, above.	
Probate: 25 cents to	.50
Protest	2.00
Record: each 100 words	.80
Additional for every 100 words over 300	.10
Sheriff: for all processes except attachments	.60
Replevin and capias	1.00
Witness: mileage 5 cents, and per day	1.00

VII. EXECUTIONS:

Executions from the Superior Court may issue immediately after the term at which judgment was rendered, and are returnable at the next term. Issue as of course at any time within three years after rendition of judgment; after three years have elapsed, issue only on notice

and leave obtained. From Justices' Courts they issue at once; returnable in sixty days.

Stay of execution is granted as follows: Under twenty-five dollars, one month; twenty-five dollars to fifty dollars, three months; fifty dollars to one hundred dollars, four months; above one hundred dollars, six months. There is no redemption on property sold on execution or mortgage. Notice of sale of real estate under execution to be posted at four public places, including court house, and advertisement to be made in county newspaper for thirty days preceding such sale.

VIII. EXEMPTION:

Every homestead, and dwellings and buildings used therewith, not exceeding in value one thousand dollars, to be selected by the owner thereof; or in lieu thereof, at the option of the owner, any lot in any city, town or village, with the dwellings used thereon, owned and occupied by any resident of the State, and not exceeding the value of one thousand dollars. Personal property of the value of five hundred dollars. This law does not apply to debts contracted prior to August 20th, 1868, or to taxes, payment of purchase money, or laborers' or mechanics' lien. The exemptions allowed when debt was contracted prior to August 20th, 1868, are those that were in force at such time.

IX. INTEREST:

Six per cent is the prescribed usual rate. Rate on judgments and open accounts, six per cent. Taking—knowingly—a greater rate of interest, is forfeiture of the entire interest, and in case a greater rate has been paid, the person who has paid it, or his legal representatives, may recover back, in an action in the nature of an action of debt, twice the amount of interest paid. Interest, if not paid when due, bears simple interest—"starts on a career of its own," i. e., when a time for payment of interest is specified, as, for instance, annually.

X. JUDGMENTS:

Judgments in the Superior Court are a lien from the time they are docketed, on all real property of defendant within the county, and can be transferred to other counties by filing transcript. Judgments from Justices' Courts are not a lien until levy is made. Lien continues ten years from time of docketing. Justice Court and Supreme Court judgments may be made judgments of the Superior Court in all respects by docketing them in said court. Judgments and decrees of United States Circuit and District Courts may be docketed in Superior Courts for purpose of creating liens.

XI. LIENS:

Material-men have a lien on every building, lot, farm or vessel for materials furnished by them to build, repair or remove the same. The lien also covers the lot on which the building or improvement is made, and is superior to any lien or incumbrance created after the materials are furnished. The claim for a lien must be filed in the office of the clerk of the Superior Court within twelve months after the materials are furnished. This claim must be verified and must contain the names of the parties, a bill of the items so as to show the amount due, and a description of the property on which a lien is claimed; and if there be a special or a written contract, its terms must be stated. To enforce the lien a suit must be begun in the Superior Court within six months after the lien is filed. Sub-contractors must not only file lien, but must also notify owner before he settles with contractor and furnish owner with statement of amount due. Owner may require contractor to furnish an itemized statement of amounts due material-men. Owner may retain enough out of contract price to pay material-men. Owner cannot be held liable to sub-contractor for any greater sum than was due contractor when notice is given him of the claim of a lien by sub-contractor.

XII. LIMITATIONS:

Actions on accounts and contracts not under seal must be commenced in three years, and on a note under seal must be commenced within ten years, or the statute of limitation may be pleaded against recovery. In cases of fraud or mistake cause of action does not accrue until the discovery by the aggrieved party of the facts constituting such fraud or mistake. Part payment or new promise in writing constitutes revivor.

XIII. MARRIED WOMEN:

Married women retain their real and personal property acquired before or after marriage, as their separate estate, not liable for the debts or obligations of their husbands. But no woman under coverture, unless she be a free trader, can make a binding contract, except for her necessary personal expenses, or for the support of the family, or for such as may be necessary in order to pay her debts existing before marriage, without the written consent of her husband. Widow's dower is one-third in value of all the lands and real estate of which her husband was seized during her coverture. Statute also allows widow a "year's allowance" out of the personal property of the husband.

XIV. MILLDAMS:

Anyone desiring to erect a milldam on a stream of which he owns one side and part of the bed, and who cannot agree with the owner of the opposite bank as to the amount of damages, may file a petition in the Superior Court of the county where such dam is to be erected, and the court will appoint three disinterested persons as commissioners who will assess the damages. After payment of all damages and costs, the applicant will have a right to begin his construction.

Whoever shall cut away, destroy or injure any dam, or who shall obstruct any race, canal or water channel used for furnishing water for any mill, factory or machine works, shall be subject to both fine and imprisonment and also to a civil action by the party injured. If any person willfully fells any tree or puts any obstruction in any branch, creek or other stream, whereby navigation of such stream by any raft or flat may be impeded, delayed or prevented, he shall be subject to a fine not to exceed fifty dollars or imprisonment not to exceed thirty days.

XV. MORTGAGES:

Mortgages must be registered within the county where the land lies to be valid as against creditors or subsequent purchasers for a valuable consideration. Mortgages are foreclosed by action, except when a power of sale is given. Chattel mortgages and lien bonds must be registered. Privy examination of wife is required in chattel mortgages of furniture. All conditional sales of personal property in which title is retained by bargainor must be reduced to writing, and registered in same manner and with same legal effect as chattel mortgages. They are required to be registered in the county where the purchaser resides, or, when purchaser is a non-resident of the State, in the county where the personal estate, or some part of it, is situated. Absolute deeds are only good against creditors or purchasers from registration. Title does not pass if purchaser has notice of prior unregistered deed. Corporations are empowered to convey lands, etc., by deed signed by the president or presiding member or trustee, and attested by the secretary of the company. In all mortgage sales under power of sale in mortgage deed, notice of sale must be posted at court house door. (Laws of 1889, Chapter 70.)

XVI. NOTES AND BILLS:

There is no statute defining commercial paper. Bills of exchange and promissory notes are what are known as "commercial paper." There is no fixed place of payment, unless parties fix it in the instrument itself. If this is not done by the parties, the old rule prevails that the debtor must seek the creditor, though in practice the exact reverse obtains. Grace is allowed on all drafts except those payable on demand. All bills and notes bear interest from maturity unless otherwise stipulated. An indorser of a note is deemed a surety, and no demand on the maker is necessary before commencing suit against surety or indorser; but this does not apply to bills of exchange.

Where a bill is drawn or indorsed in this State upon any person or corporation in any other of the United States or any of the territories and is protested, it shall bear damages; viz: three per cent on the principal sum.

Bills of exchange and promissory notes—both those under seal and those not—are negotiable; and all notes and bonds with more than one obligor are by statute joint and several. To charge indorser of bill of exchange, notice of non-payment must be given him.

The first of January, twenty-second of February, tenth of May, twentieth of May, fourth of July, the day appointed by the Governor as Thanksgiving Day, and the twenty-fifth of December of each and every year are public holidays.

XVII. SUITS:

Process in court must be served ten days before first day of term. The action is commenced by issuing a summons and filing a complaint in the clerk's office. Actions before justices are commenced by issuing summons to be served on the debtor, which is made returnable at some time and place within the county to be designated by the justice. Judgment can usually be obtained in two days. Complaint must be filed in courts of record within the first three days of term, and answer or demurrer within the term to which the summons is returnable. Pleadings before a justice may be either oral or written. Practice is under a code known as the "Code of Civil Procedure."

XVIII. TAXES:

Taxes are due on September 1st of each year, and constitute a lien from that date. Sales for delinquent taxes are made after notice given. Delinquent may remain on the land one year, and may redeem within that time by paying the amount bid by the purchaser and interest thereon at the rate of twenty per centum per annum from the date of purchase. When land is sold for taxes, the sheriff gives purchaser a certificate, which is assignable, and may be foreclosed as a mortgage, provided foreclosure proceedings are begun within two years. Purchaser can also demand a deed after one year from sale day.

CORPORATIONS.

I. ORGANIZATION:

Corporations for mining and manufacturing may be formed on application to the Secretary of State, acknowledgment of articles of incorporation being made before a clerk of the Superior Court in the place where such corporation shall have its principal office. The articles of agreement shall set forth:

1. The corporation name. 2. The business proposed. 3. The place where it is proposed to be carried on. 4. The length of time desired. 5. The names of persons who have subscribed. 6. The amount of the capital and the number of shares and amount of each. These articles shall be under the hands and seals of the parties applying for such corporation.

II. POWERS:

To sue and be sued by its corporate name; to have a common seal; to render interest of stockholders transferable; to exempt the private property of stockholders from liability for corporate debts; to hold land; to make contracts, acquire and transfer property; but all contracts involving or incurring a liability by the corporation to an amount exceeding one hundred dollars must be in writing and signed by some proper officer of the corporation, or under the common seal. No corporation shall exist longer than sixty years.

III. DISSOLUTION:

A corporation may be dissolved: 1. For any abuse of its powers to the injury of the public or of the corporation, or of its creditors or debtors. 2. For non-user of its powers for two years or more consecutively. 3. For insolvency manifested by the return of an execution unsatisfied upon a judgment against the company docketed in the Superior Court of the county where it has its only or principal place of business. 4. Upon any conviction of the company of a criminal offense, if such offense be permanent.

MINING.

I. LEASES:

All leases and contracts for leasing land for the purpose of digging for gold or other minerals or for mining generally, of whatever duration, shall be void, unless put in writing and signed by the party to be charged therewith or by some other person by him thereto lawfully authorized. Lessors of mines are not partners with their lessees, unless they so contract.

II. WATER RIGHTS:

Any person or body corporate engaged or about to engage in mining, who may find it necessary for the furtherance of his or its operations to convey water either to or from his or its mine or mines over the lands of any other person or persons, may make application by petition in writing to the clerk of the Superior Court of the county in which the lands to be affected, or the greater part, are situated, for the right so to convey the said water. The petition shall specify the lands to be affected, the name of the owner of said lands and the character of the ditch or drain intended to be made; and said owner shall be made party defendant, and jurors, three in number, shall be appointed to assess the damage to the owner of said lands, and the party must first pay or tender the damages so assessed, when he will have full right and power to enter and construct said ditch or drain. Any person obstructing said ditch or drain shall be guilty of a misdemeanor.

III. RECEIVER:

The working of mines will not be enjoined in North Carolina, but a receiver may be appointed to take charge in case of litigation, where it appears the party in possession is of doubtful ability to respond in damages if he be cast in the action.

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF NORTH DAKOTA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by NEWMAN, SPALDING & PHELPS, Commercial and Corporation Lawyers, Fargo, North Dakota.

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COMMERCIAL LAW.

I ACKNOWLEDGMENTS:

The proof or acknowledgment of an instrument may be made at any place within this State before a judge or clerk of the Supreme Court, or a notary public in the judicial district, county, subdivision or city for which the officer was elected or appointed; before either a judge or a clerk of a court of record, a mayor of a city, a register of deeds or a justice of the peace, or a United States Circuit or District Court commissioner or county auditor.

The proof or acknowledgment of an instrument may be made without the State, but within the United States, and within the jurisdiction of the officer, before either a justice, judge or clerk of any court of record in the United States, or of any state or territory; a notary public or any other officer of the state or territory where the acknowledgment is made, authorized by its laws to take such proof or acknowledgment; or by a commissioner appointed for the purpose by the Governor of this State, pursuant to the political code.

The proof of acknowledgment of an instrument may be made without the United States before either a minister, commissioner or charge d'affaires of the United States, resident and accredited in the country where the proof or acknowledgment is made; a consul, vice-consul or consular agent of the United States, resident in the country where the proof or acknowledgment is made; a judge, clerk, register or commissioner of a court of record, or a notary public of such country; or an officer authorized by the laws of the country where the proof of acknowledgment is taken. When any of the officers above mentioned are authorized by law to appoint a deputy, the acknowledgment or proof may be taken by such deputy in the name of his principal.

Proof of the execution of an instrument, when not acknowledged, may be made either by the party executing it, or either of them, or by a subscribing witness, or by other witnesses in certain cases.

II. ALIENS:

Aliens may acquire, hold and convey property, real and personal, equally with citizens.

III. ATTACHMENT:

In an action on a contract or judgment for the recovery of money only, or the wrongful conversion of personal property, the plaintiff may have the property of the defendant attached.

1. When the defendant is a non-resident of the State or is a foreign corporation. 2. When the defendant has absconded or concealed himself. 3. When the defendant has removed or is about to remove his property, or a material part thereof, from the State, not leaving enough therein for the payment of his debts. 4. When the defendant has sold, assigned, conveyed, transferred, secreted or otherwise disposed of his property with intent to defraud his creditors, or to hinder or delay them in the collection of their debts, or is about to do the same with that intent. 5. When the defendant is about to remove his residence from the county where he resides, with the intention of permanently changing the same, and fails or neglects on demand to give security for the

debt upon which the action is commenced. 6. When the debt upon which the action is commenced was incurred for property obtained under false pretenses. 7. When the defendant is about to remove his property, or a material part thereof from the State, with the intent, or to the effect of cheating or defrauding his creditors, or hindering or delaying them in the collection of their debts.

An action may be brought upon a claim before it is due, and the property of the defendant attached in any of the cases mentioned, except in subdivisions one, two and five, but judgment cannot be rendered in such action until the debt becomes due.

IV. CLAIMS AGAINST ESTATES:

Claims against the estates of deceased persons must be presented to the executor or administrator within the time fixed by notice of such presentation, which must not be less than six months after the first publication of notice, if the estate exceeds the value of five thousand dollars, or four months if less than that. They must also be presented to the court for adjustment within such time. All claims not so presented are forever barred, but this does not affect the right to foreclose a mortgage or other lien upon specified property by civil action; and the right to foreclose a mortgage on real property by advertisement, when the County Court has not obtained jurisdiction of the estate of the mortgagor, is not affected by this provision.

If a claim is rejected, claimant may have a citation issue to the executor, to show cause why it should not be allowed. The question of allowance is tried in the County Court, and a decree made allowing or disallowing such claim or counterclaim, or any part of the same, from which an appeal lies to the District Court, where the question is tried anew. No claim barred by the statute of limitation can be allowed.

V. COURTS AND FEES:

The District Court and Court of Justice of the Peace have concurrent jurisdiction in actions for the recovery of money only, where the amount in controversy does not exceed two hundred dollars. County Courts, where given jurisdiction by vote of the county, have concurrent jurisdiction with the District Court in such actions where the amount does not exceed one thousand dollars. Municipal courts in Fargo and Grand Forks have like jurisdiction. In all other cases the District Court has exclusive jurisdiction in law and equity. Two terms of the District Court are held in each county each year. In Cass County, of which Fargo is the county seat, four terms are held. The Supreme Court has appellate jurisdiction and holds two terms in each year at Bismarck, the capital—one in April and one in October.

Acknowledgment before notary public, justice or clerk of court	$ 0.25
Attachment: clerk	2.50
Appeal: contingent, and to clerk District Court	1.00
Commencement of suit in Justice Court	.50
Commencement of suit in court of record, for money	2.00
Other actions	3.50
Incorporation, first $50,000 capital stock	50.00
Each additional $10,000	5.00
Fee to Secretary of State	8.00
Mandamus: clerk's fee	4.00
Probate: on estate to $500	5.00
" " 1,500	10.00
" " 2,500	15.00
" " 5,000	20.00
" " 10,000	25.00
" " 15,000	30.00
" " 20,000	40.00
" " 25,000	50.00
" above 25,000	75.00
Protest	2.00
Record: first 400 words, 75 cents, and for all over 400, each folio	.10
Sheriff: copy of summons, 25 cents; mileage 10 cents, and service	.60
Transcription: per folio	.10
Witness: per mile one way, 10 cents, and per day	1.00

VI. DEEDS:

Conveyance may be made by husband and wife, or wife to husband. All rights of dower or curtesy are abolished. The wife need not join in a conveyance of land belonging to her husband, nor is it necessary that the husband shall join in conveyance of land belonging to his wife. The homestead of a married person cannot be conveyed unless the husband and wife both execute and acknowledge the conveyance.

An estate in real property, other than an estate at will, or for a term not exceeding one year, can be transferred only by operation of law, or by an instrument in writing, subscribed by the party disposing of the same, or by his agent, thereunto authorized by writing. The execution of a grant of such estate in real property, if it is not duly acknowledged, must, to entitle the grant to be recorded, be proved as provided by law.

A written instrument is presumptive evidence of consideration. Witnesses or seals are not necessary to the validity of a deed or other instrument affecting title to real property, except wills.

VII. DEPOSITIONS:

Depositions may be taken in civil actions upon notice to the adverse party, and in all cases triable by the court, all the evidence may be taken by deposition; in other cases the evidence of witnesses may be taken by deposition when they reside out of the county where the case is pending, and such depositions may be taken at any time after service upon or appearance by the defendant. When there is no appearance by the defendant, depositions may be taken without notice after the time to answer expires, and before appearance, and before the time for answering expires, they may be taken upon notice served by publication for three weeks.

Depositions must be authenticated with the certificate of the person taking them, with his seal of office, and if he have no seal, and the deposition is taken without the State, his signature must be authenticated either by parol proof, adduced in court, or by the official certificate and seal of any secretary or other officer of state, keeping the great seal thereof, or by the clerk or prothonotary of any court having a seal. Depositions may be taken under a commission, in which case the signature of the commissioner is sufficient authentication.

The officer taking the deposition must annex thereto a certificate showing, that the witness was sworn; that the deposition was reduced to writing by some proper person, naming him; was subscribed in the presence of the officer certifying thereto, and was taken at the time and place specified in the notice.

Depositions may be typewritten. When taken, the deposition should be sealed and the sealed package containing the deposition should be addressed to the clerk of the court in which the action is pending, and endorsed with the title of the action and the signature of the officer taking the same.

VIII. DESCENT:

When any person dies intestate, his property, except the homestead and certain personal property, after payment of debts and expenses of administration, unless limited by a marriage contract, is distributed as follows: If the decedent leaves a surviving husband or wife, and only one child, in equal shares. If the decedent leaves no surviving husband or wife, the whole estate goes to the children in equal shares. The children of a deceased child take by right of representation. If the decedent leaves no children and the estate does not exceed in value five thousand dollars, all the estate goes to the surviving husband or wife, and the excess over five thousand dollars, if any, goes one-half to the surviving husband and wife, and the other half goes to the decedent's father, and if he have no father living, then to the mother. If the decedent leaves no issue, nor husband nor wife, the estate goes to the father, and if there be no father, to the mother. If decedent leaves no husband, wife, father, brothers or sisters living, the estate goes to his mother, to the exclusion of the issue of any deceased brothers or sisters. If the decedent leaves a surviving husband or wife, and no issue, father, mother, brother or sister, the whole estate goes to the surviving husband or wife. If there be no issue, nor husband, wife, father nor mother, the estate goes in equal shares to the brothers and sisters, and to the children of any deceased brother or sister by representation. If the decedent leaves none of the aforementioned, the estate goes to the next of kin in equal degree; if there are two or more collateral kindred in equal degree, but claiming through different ancestors, those claiming through the nearest ancestor must be preferred; and if a surviving child dies under age and unmarried, his share goes to the surviving brothers and sisters by right of representation. If the decedent leaves no husband, wife nor kindred, the estate escheats to the school fund of the State for the support of common schools. The degree of kindred is established by the number of generations, and each generation is called a degree. Kindred of the half blood inherit equally with those of the whole blood, unless the inheritance came to the estate by descent, devise or gift of some one of his ancestors, when those of the half blood are excluded.

A homestead estate, which is the right to the possession, use, control, income and rents of real property, occupied or held as a homestead, descends to the surviving husband or wife, or if neither, to the decedent's minor child or children till the youngest reaches majority. When the homestead estate is fully satisfied, the property is distributed as other property.

IX. EXECUTIONS:

Executions issue of course at any time within ten years after judgment. Executions issued from the District Court must be returned within sixty days, and from Justice Courts within thirty days. There is no stay of execution except in Justice Court, where a stay may be had upon giving proper bonds.

X. EXEMPTIONS:

The following property is absolutely exempt to the head of a family from attachment on mesne process, and from

levy and sale on execution, and from any other final process issued from any court. All family pictures; a pew or any other sitting in any house of worship; a lot or lots in any burial ground; the family bible, all school books, and all other books not exceeding in value one hundred dollars; all wearing apparel and clothing of the debtor and his family; provisions for same necessary for one year's supply, either provided or growing, or both; fuel for one year's supply; and the homestead, as created, defined and limited by law. In addition to the above mentioned property, the head of a family may, by himself or his agent, select from all other of his personal property, not absolutely exempt, goods, chattels, merchandise, money or other personal property not to exceed in the aggregate fifteen hundred dollars in value, which is also exempt.

Instead of the fifteen hundred dollars exemption, the head of a family may select and choose the following property, which shall then be exempt, namely: All miscellaneous books and musical instruments for the use of the family, not exceeding five hundred dollars in value; all household and kitchen furniture, including beds, bedsteads and bedding used by the debtor and his family, not exceeding five hundred dollars in value; three cows, ten swine, one yoke of cattle, and two horses or mules, or two yoke of cattle, or two span of horses or mules; one hundred sheep and their lambs, under six months old, and all wool of the same, and all cloth or yarn manufactured therefrom; the necessary food for the animals hereinbefore mentioned for one year, either provided or growing, or both, as the debtor may choose; one wagon, one sleigh, two plows, one harrow and farming utensils, including tackle for teams, not exceeding three hundred dollars in value; the tools and implements of any mechanic, whether a minor or of age, used and kept for the purpose of carrying on his trade or business, and in addition thereto stock in trade not exceeding two hundred dollars in value. The library and instruments of any professional person, not exceeding six hundred dollars in value.

No personal property is exempt (except that absolutely exempt) from execution for laborer's or mechanic's wages, a physician's bills, or for a debt incurred for property obtained under false pretenses.

Save in the case of those made absolute, the exemptions do not apply: To a corporation, for profit; to a non-resident; to a debtor who is with his family removing from the State, or who has absconded, taking with him his family.

A partnership firm cannot claim more than one exemption of fifteen hundred dollars in value, or the alternative property, and not a several exemption for each partner; and such exemption will constitute a part of the exemption to which each partner is entitled from his property.

No property is exempt from execution for the purchase money of the same property, or any part thereof.

XI. HOMESTEAD:

Homestead to every head of a family, who is every person who has resident with him under his care and maintenance relatives on him dependent, not exceeding in value five thousand dollars; if in a town plat, not exceeding two acres, and if not, not exceeding one hundred and sixty acres, to be selected and appraised as provided by statute, is exempt from judgment, lien and execution or forced sale, except: 1. On debts secured by mechanics' or laborers' lien for work or labor done, or material furnished exclusively for the improvement of the same. 2. On debts secured by mortgage of the premises, executed and acknowledged by both husband and wife, or by an unmarried claimant. 3. On debts created for the purchase price thereof, and for all taxes accruing and levied thereon.

The homestead of a married person cannot be conveyed or incumbered unless the instrument by which it is conveyed or incumbered is executed and acknowledged by both husband and wife.

XII. INSOLVENCY:

An insolvent debtor owing debts provable in insolvency to the amount of five hundred dollars may apply by petition to the District Court, annexing to his petition a schedule of all his property, debts and creditors, with their places of residence, verified by affidavit. The court then directs notice to be given to creditors, and an assignee is chosen, as hereinafter stated.

A debtor owing debts provable in insolvency of five hundred dollars, who: 1. Departs from the State with intent to defraud his creditors, or being absent, remains absent with such intent. 2. Who conceals himself to avoid the service of legal process in any action for the recovery of such debt. 3. Who conceals any of his property to avoid its being seized on legal process. 4. Who makes any assignment, gift, sale, conveyance or transfer of property, rights or credits, or allows or suffers a judgment against himself, or allows or suffers his property to be taken on legal process with intent to give a preference to one or more of his creditors, or to any person or persons who are or may be liable for him as indorsers, sureties or otherwise, or with the intent by such disposition of his property to defeat or delay the operation of the insolvency law; or who, being insolvent, has suffered execution for five hundred dollars or more to be returned unsatisfied, or being a merchant or tradesman, has suspended and not resumed payment of commercial paper for thirty days for five hundred dollars or more, unless the party holding such paper has in writing waived the right to proceed in insolvency, shall be deemed to have committed an act of insolvency and become liable to be adjudged an insolvent, and proceedings in insolvency may be commenced by the filing of a verified petition of one or more creditors, the aggregate of whose provable debts amounts to at least four hundred dollars.

The petitioners must file an undertaking agreeing to pay the damage the insolvent may sustain by reason of the proceeding. The undertaking must be in the sum of not less than five hundred dollars. The court may, if there is danger of the debtor absconding or disposing of his property, issue a warrant for his arrest and for the seizure of his property. Upon the filing of such petition, notice is given to creditors, as in voluntary insolvency. The debtor may file a verified answer, traversing the allegations of the petition, and demanding a jury trial. If he does not do so when he answers, the court must immediately proceed to try the issues raised by his answer, and upon the trial may adjudge the debtor to be insolvent. Thereupon the debtor is required to forthwith file with the clerk of the court a schedule of all his property, containing a list of all his creditors, their places of residence, if known, the sum owing to each, the nature of their demand, true consideration, and a statement of interests, judgments, mortgages or collateral security for the payment of his debts.

Upon an adjudication of insolvency, notice is immediately given, and all persons forbidden to pay the debtor any debts, or deliver any property to him, and notice is given to the creditors of a hearing to choose an assignee. The judge of the court presides at a meeting of the creditors, and an assignee is chosen. Upon giving the proper bond, the clerk of court assigns and conveys to the assignee all the property of the debtor, real and personal, except such as is exempt from execution, and vesting the title to all such property in the assignee, and dissolving all levies made upon any such property within sixty days next preceding commencement of insolvency proceedings. The insurance upon the life of a debtor does not pass by such assignment.

All debts due from the insolvent at the time of the commencement of proceedings, and all debts then existing, but not due, may be proved against the estate. All demands for the wrongful taking and conversion of personal property may be proved as debts, and when the insolvent is liable for unliquidated damages the court may cause such damages to be assessed, and the sums so assessed may be proved against the estate.

If it appear that the debtor has made a full disclosure and delivered all his estate as required, the court must grant him a certificate of discharge, which discharges him from debts provable under the insolvency law founded on any contract made by him subsequent to the taking effect of the act, and while a resident of this State, to be performed within the State, or due to any person residing in the State at the time of first publication of notice requiring creditors to show cause, and from all demands against him for or on account of any personal property wrongfully obtained, taken or withheld by him. A discharge of the debtor does not release persons liable for or with him for the same debt.

No discharge can be granted if the debtor has been guilty of any fraud whatsoever contrary to the intent of the insolvency law.

XIII. INTEREST AND USURY:

The legal rate of interest is seven per cent. Parties may contract not to exceed twelve per cent. The penalty for usury is the forfeiture of the interest, if not paid; and if paid, the borrower may recover back double the amount, the same as under the National Bank Act.

XIV. JUDGMENTS:

Judgments are a lien upon real property for ten years, and are barred by the statute of limitations at the expiration of ten years from their date. Judgment in default of an answer may be taken when service is made on the defendant within the State, on the expiration of thirty days; when service is made on defendant outside of the State, after the expiration of forty-five days; when it is made by publication, after the expiration of sixty-six days.

XV. LIENS:

Any person performing any labor or furnishing materials, machinery or fixtures for the improvement of real estate under a contract with the owner, has a lien upon the real estate upon which such improvement is situated for the amount of the labor and material furnished, and the lien is perfected by filing a verified statement of the account in the office of the clerk of the District Court within ninety days after the furnishing of the labor or material. Such liens have priority as follows: 1. For manual labor. 2. For materials. 3. Sub-contractors other than manual laborers. 4. Original contractors.

XVI. LIMITATIONS:

An action for the recovery of real property must be commenced within twenty years; judgments and contracts contained in conveyances of real estate, within ten years; other contracts, obligations and liabilities, express or implied, within six years.

XVII. MARRIED WOMEN:

A married woman may own in her own right real and personal property, acquired by descent, gift or purchase, and manage, sell, convey and devise the same to the same extent and in the same manner as if he was unmarried. Contracts may be made by a married woman and liabilities incurred, and the same enforced by or against her to the same extent and in the same manner as if unmarried. Neither husband nor wife has any interest in the property of the other. Neither husband nor wife, as such, is answerable for the acts of the other. The earnings of the wife are not liable for the debts of the husband, and the earnings and accumulations of the wife, and of her minor children, living with her, or in her custody, while she is living separate from her husband, are the separate property of the wife. The separate property of the husband is not liable for the debts of the wife, contracted before or after marriage. A wife's separate property is not liable for debts contracted for the support of herself, her children, or the family as her husband's agent. A married woman may buy and sell goods, give notes or other obligations, and sue and be sued, the same as if unmarried. Women attain their majority at eighteen.

XVIII. MORTGAGES:

Chattel mortgages must be in writing, and executed by the mortgagor signing the same in the presence of two persons, who must sign the same as witnesses. No other formality is required to entitle the mortgage to be filed. Such mortgage is void as against creditors of the mortgagor and subsequent purchasers or incumbrancers of the property in good faith and for value, unless it is filed by depositing the original or an authenticated copy thereof in the office of the register of deeds of the county where the property mortgaged is situated, and it ceases to be valid as against creditors and subsequent incumbrancers in good faith after the expiration of three years from the filing thereof, unless within ninety days next preceding the expiration of such term it is renewed, in which proceeding a copy thereof and a statement of the existing debt is filed in the same office where the original mortgage is filed. A chattel mortgage on merchandise does not cover future acquisitions without a special proviso to that effect. Such a proviso is valid. A chattel mortgage on personal property not yet acquired or not in existence is valid, and attaches as soon as the property is acquired, or comes into existence, but a mortgage on future crops is only valid as to the crop next maturing after the delivery of the mortgage. Chattel mortgages containing a power of sale are foreclosed during the life of the mortgagor by advertisement, and may be forecfosed by action.

A mortgage of real property can be created, renewed or extended only by writing, with the formalities required in the case of a grant of real estate. The wife need not join, only in mortgage of homestead. Mortgages containing power of sale may be foreclosed by advertisement without the intervention of the court, and the premises sold at public auction to satisfy the mortgage debt. Mortgages may be foreclosed by action and a judgment obtained in the same action against the mortgagor for the mortgage debt, and execution issued for any deficiency in the debt and costs arising on the sale of the mortgaged premises. A recorded mortgage may be discharged by an entry acknowledging its satisfaction in the margin of the record thereof, signed by the mortgagee, or his personal representative, or assignee, in the presence of the register of deeds, or upon the record by a certificate duly executed, acknowledged or proved, and certified and recorded, same as the mortgage.

XIX. NOTES AND BILLS:

No days of grace are allowed on any negotiable instrument. Notes containing an agreement to pay the current rate of exchange on a place other than where payable are negotiable. Notes containing an agreement for attorney's fee are not negotiable. Judgment notes are not allowed.

XX. SUITS:

In any action by or against a corporation, the complaint must aver that the plaintiff or defendant, as the case may be, is a corporation; if incorporated under any law in this State, that fact must be averred. If not, it is sufficient to state that it is a foreign corporation, and the plaintiff need not prove the existence of the corporation unless the answer is verified, and contains a positive allegation that the plaintiff or the defendant, as the case may be, is not a corporation. Whenever a judgment is obtained against a domestic corporation, and an execution issued thereon is returned, unsatisfied in whole or in part, the creditor or his legal representative may maintain an action to procure a judgment sequestrating the property of the corporation, and providing for a distribution thereof.

Suits are commenced by service of summons on defendant personally or by publication, requiring him to answer within thirty days after such service.

Service of summons may be made by publication upon filing a verified complaint in the action with the clerk of the court in which it is pending, and an affidavit stating the place of defendant's residence, if known; if not, stating that fact, and further stating: That defendant is not a resident of the State; or is a foreign corporation, joint stock company or association, and has no agent or person in this State upon whom service can be made, and that personal service cannot be made on such defendant within this State; which affidavit in such case must be accompanied by the return of the sheriff stating that he is unable to make personal service thereof upon such defendant. The affidavit must also state: 1. That the defendant has property within the State or debts due him from residents of the State; or, 2, is a resident of the State, and has departed therefrom with intent to defraud his creditors, or to avoid the service of summons, or keeps himself secreted therein with like intent; 3, that the relief sought in the action consists wholly or partly in excluding the defendant from any interest in or lien upon specific real or personal property within this State, or in enforcing, regulating, defining or limiting such interest or lien in favor of either party to the action, or otherwise, affecting the title to such property; or, 4, that the action is for divorce, or for a decree annulling a marriage; or, 5, that the defendant in any of the cases just mentioned is unknown to the plaintiff.

Service by publication is made by publishing the summons six times, once in each week for six successive weeks, in a newspaper published in the county where the action is pending. A copy of the summons and complaint must, within ten days after the first publication of the summons, be deposited in some postoffice in this State, postage prepaid, and directed to the defendant, to be served at his place of residence, unless the affidavit for publication states that the residence of the defendant is unknown. Personal service outside the State is equivalent to publication and mailing. Service is complete by publication upon the expiration of thirty-six days after the first publication of summons, and in case of personal service of the summons and complaint upon the defendant outside of the State, upon the expiration of fifteen days after the date of such service, and unless the defendant answers, judgment may be taken after the expiration of thirty days after such service. In all actions, except for divorce, the defendant may be allowed to defend after judgment within one year after notice of judgment, and within seven years after its rendition.

XXI. TAXES:

All taxable property must be listed and assessed each year at its actual cash value at the place of listing on the first day of April. The taxes on real property and personal property become due and payable on the first day of December, and delinquent on the first day of June following. A discount of one per cent is allowed on all sums paid on taxes within fifteen days after the same become due, and one-half of one per cent on all sums paid within thirty days after the same shall become due. Thirty days after taxes become delinquent, there is added a penalty of three per cent, and such taxes thereafter draw interest at the rate of one per cent per month. All real estate is sold for non-payment of taxes on the first Monday of October each year. Redemption from tax sale may be made within two years, with fifteen per cent interest. Taxes are a perpetual lien upon real estate after they become due. A tax deed is conclusive evidence of the regularity of all the proceedings from the valuation of the land by the assessor up to the execution of the deed. The sale of land for taxes is not invalid on account of such lands having been listed or charged on the duplication in any other name than that of the rightful owner. All taxes as between vendor and purchaser become a lien upon real property on and after the first day of December in each year.

XXII. WILLS:

Every person over the age of eighteen years, of sound mind, may by last will dispose of all his estate, real and personal. An holographic will is one entirely written, dated and signed by the hand of the testator himself. It is subject to no other form, and may be made in or out of this State, and need not be witnessed. Every will other than a nuncupative will must be in writing. The words "writing" and "written" synonyme "printing" and "printed," except in the case of signatures.

Every will other than an holographic will and a nuncupative will, must be subscribed at the end thereof by the testator himself, or some person in his presence and by his direction must subscribe his name thereto, in the presence of the attesting witnesses; or be acknowledged by the testator to them to have been made by him or by his authority; the testator must, at the time of subscribing or acknowledging the same, declare to the attesting witnesses that the instrument is his will; and there must be two attesting witnesses, each of whom must sign his name as a witness at the end of the will, at the testator's request and in his presence.

A will of real or personal property, or both, or a revocation thereof, made out of this State, by a person not having his domicile in this State, is as valid, when executed according to the law of the place in which the same was made, or in which the testator was at the time domiciled, as if it were made in this State, and according to the provisions of the law of this State. No provision is made for the proof of wills made out of this State different from those made within. Wills are recorded in the office of the county judge.

A foreign will may be admitted to probate upon the production of a copy of the same and the probate thereof duly authenticated, with a petition for letters; and ancillary letters may thereupon be issued by the executor, or any other person interested in the will, to the county judge, and the same proceedings must be had for the settlement of the estate, as in the probate of a domestic will.

If after making a will the testator marries, and the wife survives him, the will is revoked, unless provision has been made for her by marriage contract, or in the will, or it is apparent therefrom that it was not his intention to make provision for her.

CORPORATIONS.

Corporations can only be formed under the General Incorporation Act.

I. ORGANIZATION:

Private corporations may be formed for any purpose for which individuals may lawfully associate themselves by the voluntary association of three or more persons. The articles must contain: 1. The name of the corporation. 2. The purpose for which it is formed. 3. The place where its principal business is to be transacted. 4. The term for which it is to exist. 5. The number of its directors or trustees, and the names and residences of those who are to serve until their successors are elected and qualified. 6. If there is a capital stock, its amount and the number of shares into which it is divided.

Corporations may renew their existence for a term of years not exceeding the limit provided by law. There are special provisions for the creation and control of railroad, wagon road, insurance, bridge, agricultural fair, religious and charitable corporations and associations.

II. POWERS:

Corporations for profit have succession by their corporate name for the period limited, not exceeding twenty years, and may purchase, hold, transfer and convey such real and personal property as the legitimate purposes of the corporation may require, not exceeding in any case any amount limited by law; and may enter into any obligations or contracts essential to the transacting of their ordinary affairs, or for the purposes of the corporation. No corporation can exercise any corporate powers, except such as are expressly given by law, or such as are necessary to the exercise of the powers enumerated or given; and the corporate powers, business, and property of all corporations must be exercised, conducted and controlled by a board of not less than three, nor more than eleven directors; and directors for corporations for profit must be stockholders.

III. CAPITAL STOCK:

Corporations for profit must issue certificates of stock, which must, when fully paid up, be endorsed, "fully paid up;" and when not fully paid, the secretary must endorse on the certificate the amount paid, and any officer of the corporation who issues stock in violation of these provisions, or has knowledge of such issuance, and does not dissent therefrom in writing, is liable to the creditors of the corporation, and purchasers in good faith of such stock, for all damages they may sustain thereby.

Certificates of stock may be transferred by endorsement and delivery, but such transfer is not valid except between the parties thereto, until the same is entered upon the books of the corporation, so as to show the names of the parties by whom, and to whom transferred, the number and designation of the shares, and date of transfer.

No corporation can issue any stock or bonds, except for money, labor done, or property estimated at its true money value actually received by it; and no note or obligation, whether secured or unsecured, can be considered as payment of any part of the capital stock. Capital stock issued in excess of the limit provided by the articles of incorporation is void. Stock of a corporation may be increased or diminished by a vote of two-thirds of the entire number of capital stockholders at a meeting called for that purpose.

IV. LIABILITY OF STOCKHOLDERS:

Each stockholder of the corporation is individually and personally liable for the debts of the corporation to the extent of the amount that is unpaid upon the stock held by him, and any creditors may institute joint or several actions against any or all of the stockholders of a corporation whose shares have not been fully paid up, and in such actions the court must ascertain the amount that is unpaid upon the stock held by each of such stockholders and for which he is liable, and render a several judgment against each therefor. The liability of each stockholder is determined by the amount unpaid upon the shares of stock owned by him at the time such action is commenced, and such liability is not released by any subsequent transfer of the stock.

V. DIVIDENDS:

The directors of corporations cannot make dividends except from the surplus profits arising from the business of the corporation; they cannot divide, withdraw or pay to the stockholders any part of the capital stock, nor create debts beyond the subscribed capital stock, nor reduce or increase the capital stock, except as specially provided by law. This limitation as to indebtedness does not apply to policy risks of insurance companies on which no loss has occurred; nor to notes, bonds, or debentures of any loan or trust company organized under the law, when the payment of such notes, bonds or debentures shall be secured by the actual transfer of real estate, by trust deed or mortgage, for the payment thereof, which real estate so transferred must be of twice the par value of such notes, bonds or debentures; nor does the limitation apply to any loan or trust company's guarantee of payment after transfer, of any notes, bonds or debentures when the same is secured by trust deed or mortgage as above stated. For the violation of these provisions, with reference to dividends, etc., the directors are jointly and severally personally liable, in the event of the dissolution of the corporation, to the full amount of the capital stock so divided, withdrawn, paid out or reduced, or debt contracted, unless they cause their dissent to be entered on the minutes of the directors at the time; or were not present. Dividends belong to the party in whose name the stock stands upon the books of the corporation on the day the dividends become payable.

VI. BONDS:

Bonds may be issued by a vote in favor thereof of two-thirds of the entire capital stock of the corporation at a meeting called for that purpose, and a certificate of compliance with the requirements of the law must be signed by the chairman and secretary of the meeting, and a majority of the directors, showing the amount of bonds to be issued, the amount of stock represented, and the vote thereon, which certificate must be filed in the office of the Secretary of State, and there recorded. The violation of any provision of law with reference to issuing bonds renders every director, officer and stockholder of the corporation, who had knowledge of such violation and did not cause his dissent therefrom to be entered at large upon the journal of the corporation, jointly and severally liable for the debt created by the issuance of such bonds.

VII. DISSOLUTION UNDER SUIT:

An action may be commenced to dissolve a corporation: 1. When it has remained insolvent for at least one year. 2. When it has neglected or refused for at least one year to pay and discharge its notes or other evidences of debt. 3. When it has suspended its ordinary and lawful business for at least one year. 4. If it has banking powers, or powers to make insurance, when it becomes insolvent, or is unable to pay its debts, or shall neglect to pay its notes or evidences of debt on demand. This action must be brought by the State, unless a creditor or stockholder of the corporation submits to the Attorney-General a written statement of the facts showing grounds for such action, verified by oath; and if the Attorney-General omits for thirty days thereafter to commence such action, the creditor, upon leave of court, duly obtained, may maintain such action.

The directors and other officers or stockholders of a corporation, liable to the creditor upon unpaid stock, may be made parties to such action, and if the property is insufficient to discharge the debts of the corporation, the court shall proceed to compel each stockholder to pay in the amount due and remaining unpaid upon his shares of stock, and if the debts of the corporation remain still unpaid, the court must proceed to ascertain the respective liabilities of the directors or officers or stockholders and adjudge the amount payable by each, and enforce judgment as in other cases.

Domestic corporations may be voluntarily dissolved after all claims against them are paid by complying with the provisions of the statute for that purpose.

VIII. FOREIGN CORPORATIONS:

No foreign corporation, association or joint stock company, except an insurance company, can transact any business within this State; execute, hold or dispose of property, real or personal, within this State, until such corporation has filed in the office of the Secretary of State a duly authenticated copy of its charter or articles of incorporation, and a power of attorney appointing the Secretary of State and his successors its true and lawful attorney, upon whom all process in any action or proceeding against it may be served, agreeing therein that any process which may be served upon its said attorney shall be of the same force and effect as if served upon it

personally in the State; and that such appointment shall continue in force irrevocable so long as any liability of the corporation, association or joint stock company remains outstanding in this State.

The same provisions apply to insurance companies, except that they must file their articles of incorporation and power of attorney in the office of the Insurance Commissioner of the State, appointing him such attorney.

MINING.

I. LODE CLAIMS:

The length of a lode claim cannot exceed fifteen hundred feet along the vein, and the width is one hundred and fifty feet on each side of the center of the vein, fissure, or lode.

II. LOCATION AND RECORD:

The discoverer of a lode shall within sixty days from the date of discovery record his claim in the office of the register of deeds of the county in which such lode is situated, by a location certificate, which shall contain the name of the claim, the name of the locator, the date of location, the number of feet in length claimed on each side of the discovery shaft, the number of feet in width claimed on each side of the vein or lode, and the general course of the lode as near as may be. Certificates not containing these facts shall be void.

Before filing the location certificate, the discoverer must locate his claim by first sinking a discovery shaft thereon sufficient to show a well-defined mineral vein or lode; by posting at the point of discovery on the surface a plain sign or notice containing the name of the claim, the name of the locator, the date of discovery, the number of feet claimed in length on either side of the discovery, and the number of feet in width claimed on each side of the lode; and by marking the surface boundaries of the same with eight substantial posts, plainly marked with the name of, and the corner, end or side of the claim that they respectively represent, sunk in the ground, one at the corner, one at the center of each side line, and one at each end of the claim.

The discoverer has sixty days from the time of the discovery of a lode in which to sink a discovery shaft. The owner of the land may demand security from the miner, and if it is refused, may enjoin him from work until the security is given. The amount of work done annually is that prescribed by the laws of the United States. The certificate can contain but one location.

III. MINING LIENS:

Miners and other persons furnishing any labor or any kind of material for timbering shafts or levels for a mine have a lien upon the mine to secure the payment of the same. Such persons must furnish to the owner of the mine an attested copy of their claim, and thereupon such owner or his agent shall retain out of the first subsequent payments to such contractor the amount so due for such work and labor or materials furnished. The owner must furnish the contractor a copy of the account, and if the contractor fails or refuses to dispute the claim, or, if disputing, fails to have it adjusted, he is deemed to have assented to it, and the amount which may be due from any contractor to his creditor entitled to a lien may be recovered from such owner by the creditor of such contractor to the extent in value of any balance due by the owner to his contractor under the contract with him at the time of the notice first given as aforesaid, or subsequently, according to such contract or under the same.

Any person claiming a lien shall make his account in writing, verify it by his oath, and file it within six days from the date of the last item of the same in the office of the clerk of the District Court, filing at the same time a correct description of the property to be charged with the lien, and the same is for one year from the furnishing of the last item of the account a lien upon the property charged in the description. If the work was done, or materials furnished, under a written contract, a copy of the same must be filed with the account. Such lien may be foreclosed by action in the District Court. When paid, it must be satisfied, and if not so satisfied within six days, the owner forfeits to the person aggrieved double the damages which may have been sustained by his failure to so satisfy the lien.

DIGEST OF THE

Commercial, Corporation and Mining Laws

— OF THE —

NORTH-WEST TERRITORIES,

CANADA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by W. L. BERNARD, Barrister-at-Law, Lougheed Block, Calgary, Alberta, N. W. T.

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MINING:
Territorial provisions same as those of Manitoba, which in fact comes under act establishing such provision for the Territories, and appointing Superintendent of Mines, with headquarters at Calgary, N. W. T.

COMMERCIAL LAW.

I. AFFIDAVITS:

Affidavits, if taken in a foreign country, must be sworn before a British consul, or vice-consul, or a notary public, or before a commissioner appointed for that purpose.

II. ALIENS:

There is no distinction between citizens and aliens in reference to purchase, enjoyment, or descent of property, but aliens must be naturalized as British subjects before exercising franchise.

III. ASSIGNMENTS:

Assignments for the benefit of creditors are valid in the absence of fraud. No insolvent law in operation.

IV. ATTACHMENT:

Personal estate may be attached if the debtor absconds or attempts to remove personal property out of the Territories. No provision for imprisonment for debt or arrest on civil process. Obligations owing to a debtor may be garnisheed by the creditor before or after judgment, when the party garnisheed resides within the jurisdiction of the court.

V. CLAIMS AGAINST ESTATES:

Claims against estates of deceased persons must be made within such a period as shall be given by public notice, which is generally limited to one month.

VI. COURTS:

The Supreme Court of the North-West Territories sits in all principal places and exercises sole jurisdiction. Regular sittings begin in January, April, July and November.

VII. DEEDS:

All conveyances of land must now be made under the Torrens system of land transfer under the provisions of "The Land Titles Act, 1894." Conveyances or transfers of property must be executed in the presence of one witness, who must make affidavit of the execution before a notary public or a commissioner appointed to take affidavits.

VIII. EVIDENCE:

Parties interested and all other parties may testify in any case. Affidavits are not receivable except by consent. Where witnesses reside abroad a commission may issue for taking their evidence.

IX. EXECUTION:

Since January 1st, 1894, priority among execution creditors has been abolished, and creditors delivering executions to the sheriff, within one month from levy under the first execution, shall be entitled to rank pari passu in the debtor's estate. Execution may be issued forthwith after judgment. Executions against lands will bind debtor's

lands if registered. Executions expire in two years, but may be renewed.

X. EXEMPTIONS:

Exemptions from seizure as to debts contracted after the seventh day of September, 1894, include clothing and furniture to the value of five hundred dollars; food for six months; six cows, two oxen, one horse, or three horses, six sheep, three pigs, fifty fowls, and food for same for the winter months; harness, wagon, mower, two plows, horse rake, sewing machine, and reaper or binder; books of a professional man; tools and implements, and seed grain for eighty acres.

XI. HOMESTEAD:

Homesteads of one hundred and sixty acres and town lots and residences to the value of one thousand five hundred dollars are exempt from seizure under execution so long as the holders continue in residence.

XII. INTEREST:

The legal rate of interest is six per cent. There are no usury laws.

XIII. JUDGMENTS:

All civil actions are brought in the Supreme Court. Judgment is given by default of appearance in from ten to twenty days. Actions may be brought in the Territories on foreign judgments on exemplification thereof under seal of the foreign court.

XIV. LIMITATIONS:

Actions on simple contracts, six years; contracts under seal, twenty years; judgments, six years, but may be revived; suits for the recovery of land, twenty years.

XV. LIENS:

The laws are practically the same as in Manitoba, subject to the jurisdiction of the Supreme Court.

XVI. MARRIED WOMEN:

The real and personal estate of a married woman is exempt from her husband's debts. The profits and proceeds of a business carried on by her separately from her husband, may be held and disposed of by her as a femme sole; and she may convey to or receive a conveyance from her husband without a trustee. She has no dower in her husband's estate; nor has the husband any right as tenant by courtesy.

XVII. MORTGAGES:

Mortgages of real estate cannot be registered without production of a duplicate certificate of ownership.

Chattel mortgages may be taken upon a debtor's effects to secure a debt or loan, at any rate of interest, if made in good faith, and do not prefer, defeat, nor delay secured or execution creditors. The priority of such takes effect from the date of registration, which must be done within thirty days from the date of execution. Mortgage expires after two years unless renewed.

XVIII. NOTES AND BILLS:

Three days' grace are allowed. Any rate of interest may be fixed; if no rate is fixed, six per cent is allowed after maturity. Notes must be protested when due and notice given.

XIX. TAXES:

Land may be sold for two years' and upwards arrears of taxes, but may be redeemed within one year of sale on payment of taxes, cost of sale, twenty per cent penalty, and all subsequent taxes due up to time of redemption.

XX. WAGES:

The Masters and Servants Ordinance of 1895 regulates hiring contracts, provides punishment for servants guilty of drunkenness or neglect of duty, and gives summary powers to magistrates in cases of non-payment of wages in certain cases. The ordinance legalizes contracts made outside the Territories for labor to be performed in the Territories.

XXI. WILLS:

The law of England is in operation in the Territories in regard to wills.

CORPORATIONS.

I ORGANIZATION:

All companies with local objects, save those relating to railways, banking, insurance, irrigation, and objects relating to more than one province of the Dominion (which require a Dominion charter or a special act of the Federal Parliament at Ottawa) may be incorporated by the Lieutenant-Governor-in-Council by letters patent. From the date of the letters patent, the persons therein named and their successors shall be a body corporate and politic by the name therein mentioned, and the powers therein mentioned shall be exercised, subject to the provisions of the British North America Act.

Charter of incorporation may be granted by the Lieutenant-Governor to any number of persons, not less than three, for any of the purposes or objects to which the "Companies Ordinance, Revised Ordinances of the North-West Territories," extends: The applicants must advertise by notice published at least once in the official Gazette of the Territories, and in three consecutive weekly issues of any newspaper published at or nearest the place which is to be the chief place of business of the company, their intention to apply for the same; which notice must contain also: 1. The proposed corporate name of the company. 2. The object of the incorporation. 3. The place which is to be its chief place of business. 4. The proposed amount of its capital stock. 5. The number of shares and amount of each share. 6. Names in full, and address and calling of each applicant, with special mention of the names of not less than three nor more than nine of their number who are to be the first directors of the company, the majority of whom shall be residents of Canada.

Within two months after the last publication of such notice the applicants may petition the Lieutenant-Governor for the issue of such letters patent. The petition shall set forth: 1. The facts contained in the notice. 2. The amount of stock taken by each applicant and the amount paid in thereupon, as also the manner in which the same has been paid in, and is held for the company. The aggregate of the stock so taken shall be at least the one-half of the total amount of the proposed capital stock of the company, and the aggregate paid in on the stock so taken shall be at least ten per cent, and shall be paid in to the credit of the company or trustees therefor, and shall be standing at such credit in some chartered bank in Canada, unless the object of the company is one requiring that it should own real estate, in which case such aggregate may be taken as paid in if it is bona fide invested in real estate suitable to such object, which is held by trustees for the company and is of the required value, over and above all incumbrances thereon.

II. POWERS:

Every company incorporated under this ordinance may acquire, hold, sell and convey any real estate requisite for the carrying on of the undertakings of such company, and shall forthwith become and be invested with all property and rights, real and personal, theretofore held by or for it under any trust created with a view to its incorporation, and with all the powers, privileges and immunities requisite or incidental to the carrying on of its undertaking, as if it was incorporated by a special ordinance, embodying the provisions hereof and of the letters patent.

III. CAPITAL STOCK:

The stock of the company shall be personal estate, and shall be transferable in such manner and subject to all such conditions and restrictions as are prescribed by the ordinance, or by the letters patent or by-laws of the company. If the letters patent or supplementary letters patent make no other definite provision, the stock of the company or any increased amount thereof, so far as it is not allotted thereby, shall be allotted at such times and in such manner as the directors prescribe by by-law. Every share in the company shall, subject to the provisions of the ordinance, be deemed to have been issued and to be held subject to the payment of the whole amount thereof in cash, unless the same has been otherwise agreed upon or determined by a contract duly made in writing and filed with the Lieutenant-Governor, at or before the issue of such shares.

IV. DIRECTORS:

The affairs of the company shall be managed by a board of not more than nine, and not less than three directors. The persons named as such in the letters patent, shall be the directors of the company, until replaced by others duly appointed in their stead. No person shall be elected or appointed as a director thereafter unless he is a shareholder, owning stock absolutely in his own right and to the amount required by the by-laws of the company, and is not in arrears in respect of any call thereon; and at all times the majority of the directors of the company shall be persons resident in Canada.

Directors of the company shall be elected by the shareholders, in general meeting of the company assembled, in some place within the Territories, at such time, in such manner and for such term not exceeding two years, as the letters patent, or in default thereof, as the by-laws of the company prescribe.

The directors of the company may administer the affairs of the company in all things, and make or cause to be made for the company, any description of contract which the company may by law enter into; and may from time to time make by-laws not contrary to law or to the letters patent of the company, or to this ordinance, for the following purposes: 1. The regulation of the allotment of stock, the making of calls thereon, the payment thereof, the issue and registration of certificates of stock, the forfeiture of stock for non-payment, the disposal of forfeited stock and of the proceeds thereof, and the transfer of stock. 2. The declaration and payment of dividends. 3. The number of directors, their term of service, the amount of their stock qualifications and their remuneration, if any. 4. The appointment, functions, duties and removal of all agents, officers and servants of the company, the security to be given by them to the company

and their remuneration. 5. The time and place for the holding of the annual meetings of the company, the calling of meetings, regular and special, of the board of directors of the company; the quorum; the requirements as to proxies, and the procedure in all things at such meetings. 6. The imposition and recovery of all penalties and forfeitures, which admit of regulation by by-law. 7. The conduct in all other particulars of the affairs of the company. And the directors may, from time to time, repeal, amend or re-enact the same.

The directors may, when authorized by a by-law for that purpose, passed and approved of by the votes of shareholders representing at least two-thirds in value of the subscribed stock of the company represented at a special general meeting duly called for considering the by-law: borrow money upon the credit of the company; and issue bonds, debentures or other securities for any sums borrowed at such prices as are deemed necessary or expedient, but no debentures shall be for a less sum than one hundred dollars; and hypothecate or pledge the real or personal property of the company to secure any sums borrowed by the company; but the amount borrowed shall not at any time be greater than seventy-five per cent of the actual paid-up stock of the company; the limitation made by this section, however, not applying to commercial paper discounted by the company.

The directors may call in all subscribed stock in such manner as the letters patent or by-laws of the company may require or allow. Interest at six per cent is added to unpaid calls from the date fixed for payment. The company may enforce payment of calls by action in any competent court, or the directors may summarily forfeit any shares for non-payment, and the same shall thereupon become the property of the company. Shares shall not be transferable until all unpaid calls are fully paid or until declared forfeited, and no shareholder in default for non-payment of calls shall be entitled to vote at any meeting of the company.

V. LIABILITIES:

Each shareholder, until the whole amount of his stock is fully paid up, shall be individually liable to the creditors of the company, but shall not be liable as such for any act, default or liability whatsoever of the company or for any claim, engagement, payment or other matter or thing relating to or connected with the company beyond the unpaid amount of his respective shares in the company. Trustees or mortgagees of stock, or persons holding stock as collateral security, shall not be personally subject to liability as shareholders.

VI. DIVIDENDS:

No dividend may be declared which will impair the capital of the company.

VII. CONTRACTS:

All contracts, agreements, engagements or bargains made and every bill of exchange or promissory note drawn, accepted or indorsed on behalf of the company by any agent, officer or servant in accordance with his powers under the by-laws of the company, or otherwise, shall be binding upon the company, and in no case shall it be necessary to affix the seal of the company.

VIII. BOOKS AND RECORDS:

Every company, under pain of forfeiture of corporate rights, must keep books showing: 1. The names alphabetically arranged of all persons who are or have been shareholders. 2. The address and calling of every such person while such shareholder. 3. The number of shares of stock held by each shareholder. 4. The amount paid in and remaining unpaid respectively on the stock of each shareholder. 5. The names, addresses and calling of all persons who are or have been directors of the company, with the several dates at which each became or ceased to be such director. 6. A book called the register of transfers shall be provided, and in such book shall be entered the particulars of every transfer of shares in the capital of the company.

IX. FOREIGN CORPORATIONS:

Cannot do business in the Territories without filing an authenticated copy of the charter of incorporation in the office of the Lieutenant-Governor and paying the same fees as a newly-formed company.

X. INCORPORATION FEES:

These range from twenty dollars to fifty dollars for companies with a capital under one hundred thousand dollars, increasing by a fee of fifty dollars for each additional one hundred thousand dollars capital to a maximum fee of two hundred dollars, exclusive of all costs for advertising and law charges.

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF NOVA SCOTIA, CANADA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by BORDEN, RITCHIE, PARKER & CHISHOLM, Barristers-at-Law, 119 Hollis Street, Halifax, Nova Scotia.

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COMMERCIAL LAW.

I. ALIENS:

Aliens may take, hold, convey and transmit real estate; and trust companies or corporations having a legal status in any foreign country may hold real estate by way of mortgage or otherwise in furtherance of any trust they may assume in connection with any enterprise or undertaking in Nova Scotia, and may have power to convey and transfer the same.

II. ASSIGNMENTS:

Preferential as well as general assignments for the benefit of creditors are good and valid when not tainted with fraud.

III. ATTACHMENTS:

The property of an absent or absconding debtor may be attached on the creditor or plaintiff, or his agent, making an affidavit setting forth the cause of action, the amount due and the absence of the defendant.

IV. CLAIMS AGAINST ESTATES:

Such claims may be filed with the executor or administrator with an affidavit verifying the claim.

V. COURTS:

The Provincial courts are the Supreme Court of Nova Scotia, having unlimited jurisdiction in torts, and jurisdiction in matters of contract where the claim is eighty dollars or upward; and the County Court, having jurisdiction of claims from twenty dollars to four hundred dollars. Sums below twenty dollars are recoverable in the Magistrates' Court.

VI. DEEDS:

Deeds affecting lands should be registered in the office of the registrar of deeds for the county where the lands are situate. Such deeds must be proved on the oath of a subscribing witness to the execution thereof. Deeds may be proved out of the Province by oath before a judge of a court of record, the mayor of any city, or a notary public. Only one witness is required. Unless deeds are registered they shall be void against any subsequent purchaser or encumbrancer who has no actual notice of the deed.

VII. DEPOSITIONS:

In any action, the court or judge, upon sufficient grounds shown by affidavit, may order a commission to issue to take evidence outside of the province.

VIII. EXECUTIONS:

Executions may issue under judgment against real or personal property, and if unexecuted shall remain in force for one year from issue, but may be renewed at any

time before the expiration of a year. Execution against personal property may issue immediately after recovery of judgment. Executions against lands cannot be issued until the judgment has been recorded for one year.

IX. EXEMPTIONS:

There is exempted from execution: necessary wearing apparel, bedding and bedsteads of the debtor and family; the tools and implements of his trade or calling; one stove and cooking utensils; six each of knives, forks, cups, saucers, plates, spoons and chairs; shovel, table, teapot, jug, spinning wheel, weaving loom; ten religious volumes; food and fuel for thirty days; one cow, two sheep, one hog, and food for said animals.

X. INTEREST:

The legal rate is six per cent. A contract may be made in writing for any rate not exceding seven per cent when the security is real property, or ten per cent when the security is personal property or personal responsibility.

XI. JUDGMENTS:

Judgments to bind real property must be recorded in the registry of deeds of the county where the property is situate. A judgment binds personal property after levy under execution; and remains in force for twenty years.

XII. LIENS:

Chapter 85 of the Revised Statutes of Nova Scotia makes provision for liens in favor of mechanics and others. A lien for the price of work done or material provided is created by filing the agreement as hereinafter mentioned. The agreement, together with a statement of claim, shall be filed in the registry office of the county where the land is situate not later than thirty days from the completion of the work, and such statement of claim must be verified by the affidavit of the party. If there is any dispute as to the claim, the matter must be litigated in the proper court; and the lien lapses unless the proceedings are taken.

XIII. LIMITATIONS:

On all contracts not under seal the period within which action may be taken is six years. Judgments and contracts under seal, twenty years. No arrears of dower, rent, or interest can be claimed after six years.

XIV. MARRIED WOMEN:

Married women may carry on a separate business and hold separate estate; and when carrying on such business may sue and be sued as femmes sole.

XV. MORTGAGES:

Mortgages must be under seal. A mortgage of real property is foreclosed by action in the Supreme Court and is discharged by a release signed by the parties entitled to enforce payment of the mortgage. Mortgages must be recorded in the same way as judgments to be effective as against subsequent encumbrances.

XVI. NOTES AND BILLS:

The law is much the same as in the United States. A demand draft has no days of grace; sight draft has three days of grace. Notice of dishonor is necessary to hold the endorser and the maker.

XVII. TAXES:

Taxes are levied upon real and personal property by the municipalities and collected by them. Outside of the city of Halifax a tax is also levied on income.

XVIII. WILLS:

Wills must be in writing, signed at the foot or end thereof by the testator, or somebody in his presence and by his direction, and such signature must be acknowledged by the testator in the presence of at least two witnesses present at the time. These witnesses must subscribe the will also in the presence of the testator and of each other. Executors are competent witnesses.

CORPORATIONS.

I. ORGANIZATION:

Corporations for mining purposes may be formed in Nova Scotia by a special act of the Legislature, or under the Joint Stock Companies' Act. Corporations created by special act may have in the act special provisions as to the organization and management of the corporation.

Joint stock companies may be formed without the intervention of the Legislature, namely: by the issue of letters patent under the provisions of the Joint Stock Companies' Act. The letters patent are issued by the Lieutenant-Governor-in-Council on the petition of not less than five persons. The applicants must first give one month's notice in the Royal Gazette, setting forth their own names and addresses, the name of the proposed company; the proposed place of business; the intended amount of capital, and the number of shares. The applicants then petition the Lieutenant-Governor, after due publication of said notice, and after one-half of the proposed stock is taken up, and ten per cent of the aggregate paid in. Notice of the issuing of the letters patent is given to the Royal Gazette. Provision is made for changing the name of a company if necessary or desired. Supplementary letters patent may be granted in the same way as the original.

II. POWERS:

A corporation, except when having special powers by act of incorporation, shall: sue and be sued in the corporate name, have a common seal, elect as it may deem proper all necessary officers, fixing their compensation and defining their duties; and shall make by-laws for its own government, the same not to be contrary to law or repugnant to the statute creating the corporation. The corporation may in its by-laws regulate the matter of meetings, quorums, modes of voting, tenure of offices, and the purchase, conveyance and sale of real and personal estate.

III. DIRECTORS:

The number of directors may be increased or decreased by by-law. The majority of the directors must reside in Nova Scotia. Provision is made for the election of officers, the inspection of the books of the company by shareholders and the regulation of the affairs of the company by the directors.

IV. LIABILITIES:

Stock of companies is esteemed personal property. Unless there is provision to the contrary in the act of incorporation, every stockholder in a company shall be individually liable for the company's debts or obligations, but such liability shall not exceed the amount remaining unpaid upon the shares held by such stockholder.

In limited liability companies, the directors, unless otherwise exempted, shall be personally liable for any responsibility beyond the amount of stock subscribed incurred by them without the sanction of the company; but this provision does not extend to insurance companies.

The real estate of any company may be sold under execution in the same manner as personal estate.

Officers or members of a company may be sued in the Supreme Court in any matters in which they are liable.

V. REPORTS:

Companies are required to file in the Provincial Secretary's office an abstract of their receipts and expenditures within the province, and a penalty is provided for their default.

VI. NON-USER AND DISSOLUTION:

All acts of incorporation, unless otherwise provided therein, shall expire unless the company goes into operation within three years; and this provision also applies to charters of companies organized other than by special act. The charter may be continued for three years for the purpose of winding up the business of the company; and in this event trustees may be appointed by the Supreme Court on application to wind up the business of the company.

MINING.

I. MINE OFFICIALS:

The Commissioner of Public Works and Mines has jurisdiction of all matters pertaining to mines and minerals. The office of the commissioner is situated at Halifax, and is open during the usual legal hours. There are deputy commissioners of mines in the several gold districts in the Province and these officials have within their respective gold districts the powers of a justice of the peace. There is also a Deputy Commissioner of Public Works and Mines for the Province; and likewise an Inspector of Mines, who shall be a competent practical mining engineer, whose duty it is to visit and inspect as may be necessary the various mines under lease from the Crown, to ascertain if the terms of the lease are carried out and the law respecting mines properly complied with, and that proper measures are taken for the safety and protection of the persons employed in said mines. There are also deputy inspectors who are similarly authorized and qualified. The statute prohibits all these officials from having any interest in mines or mining operations under a very severe penalty. The Lieutenant-Governor-in-Council is authorized to select a board of examiners to be composed of the inspector of mines and nine persons conversant with coal mines; three of them to be mining managers, three working miners and three mining engineers; which board examines and passes on the fitness of colliery officials.

II. DISTRICTS AND AREAS:

[Gold and Silver.] The Lieutenant-Governor-in-Council on being satisfied of the discovery of these minerals may by proclamation declare the locality to be a gold district and may assign the boundaries of such district.

All mines of gold or of gold and silver shall be laid off in areas of two hundred and fifty feet in length true

meridian north and south, and one hundred and fifty feet east and west; these areas to be known as class number 1. This provision does not apply to areas laid out before the passing of the act. Areas are to be laid out as far as possible uniformly and in quadrilateral and rectangular shapes. Ample provision is made for the survey of properties held under lease.

In the office of the Commissioner of Public Works and Mines is kept a book of record for proclaimed districts and unproclaimed districts, in which applications for leases are entered, and a book for applications for prospecting licenses. Plans of all gold districts and areas, etc., are also kept in the commissioner's office.

III. LEASES:

Applications for leases of areas may be made to the deputy commissioner in the gold district and must be in writing, defining the areas applied for and accompanied by a payment of two dollars for each area. Where the holder of a lease of areas in private land cannot make an agreement with the owner for leave to enter, etc., provision is made for the settlement of the damages by arbitration. All leases granted after 1892 are for a term of forty years, but they may be surrendered at any time; or may be forfeited by failure to pay the stipulated royalties. There shall be performed each year on the demised premises a number of days labor equivalent to forty days for every number 1 area comprised therein.

No lessee shall mine within ten feet of the boundary line of property held by him; but must leave a barrier of at least ten feet in thickness between his workings and his boundary.

IV. LICENSES:

The Commissioner of Mines has power to issue licenses to search for gold and silver, to be called "prospecting licenses," which licenses may include any area not exceeding one hundred areas of class number 1 in extent; said licenses to be in force for twelve months. Before such a license is issued the applicant shall enter into a bond with sureties to recompense the proprietor of the soil in case of damage done to his lands.

No lessee or licensee is entitled to enter on any house, building, garden or grounds under cultivation except by consent of the occupier or special leave of the Lieutenant-Governor-in-Council.

The commissioner has power to issue a license to any person or persons to use a mill or machinery for the reduction or concentration of quartz, or other gold, or gold and silver-bearing material, and for crushing, stamping and amalgamating these minerals. The party applying for such license must give a bond in the sum of two thousand dollars to comply with the requirements of the law. He must keep a book or books of account to be supplied by the commissioner, and always open to his inspection, giving a distinct statement of all the work done at the mill. The licensed mill owner must pay in money the royalty of two per cent weekly or as often as the commissioner shall direct, and if he be in default he shall be liable in an action for the amount due for royalty. Every licensed mill owner must make monthly returns to the mines office, giving the particulars of the month's work. Any person engaged in crushing, etc., without a license is liable to a penalty of four hundred dollars for each offense. The license may be revoked if the books are fraudulently kept and the commissioner has power to revoke the license for any violation of the law.

V. ROYALTY:

The royalty reserved in leases of gold and gold and silver mines is two per cent of the gross amount of gold and silver mined.

VI. RETURNS:

Lessees of mines are required to make quarterly returns to the Mines Office, giving particulars of the labor performed, number of tons of quartz raised, how disposed of and the weight of the same, etc. The lessees or licensees of each mine are liable for royalties on all the mineral obtained from their mine in any other way than from quartz.

The act provides for an appeal from the judgment of the commissioner to a judge of the Supreme Court in cases of forfeiture and the judge may try the matter with a jury.

VII. LICENSES:

[Other Minerals.] The Commissioner of Mines may grant licenses to search, to be in force one year and six months, entitling the holder to enter upon the land covered thereby and seek and explore for minerals other than gold and silver; that is to say: for tin, lead, copper, coal, iron and precious stones, or any other minerals reserved by the Crown.

Application therefor must be accompanied by a fee of thirty dollars, and a bond must be given in the sum of eight hundred dollars to provide for damages to the occupier of lands covered by such license. Such license to search may cover a tract not exceeding five square miles in extent and not exceeding two and a half miles in length. Licenses to search called second rights may be given over the same tract, and on the expiration of the first license, the second comes in force.

VIII. LEASES:

Leases of mines other than gold and silver may be granted in the same way as in the case of gold mines and shall be for a term of twenty years. The provisions respecting forfeiture are much the same as in the case of gold mines. Quarterly returns are required.

IX. ROYALTIES:

The royalty on coal is ten cents on every ton of two thousand two hundred and forty pounds sold or removed from the mine; on copper, four cents on every one per cent of copper contained in each ton of two thousand three hundred and fifty-two pounds sold or smelted; on lead, two cents on every one per cent of lead contained in each ton of two thousand two hundred and forty pounds of ore sold or smelted; on iron, five cents on every ton of two thousand two hundred and forty pounds of ore sold or smelted; and on tin, precious stones and other minerals, five per cent of their values. The Lieutenant-Governor-in-Council has power to lower the rates of royalty on these minerals.

X. MINE REGULATIONS:

The Lieutenant-Governor-in-Council may make rules and regulations relative to the pumping, draining, ventilation and working of mines.

The Inspector of Mines has power to make enquiry into the condition of every mine as to all matters connected with the safety of the miners.

Every coal mine shall be under the supervision of a manager, whose name and address must be furnished to the commissioner. The underground workings shall be under the daily charge of a certificated underground manager. The certificates are granted by the board of examiners already mentioned.

In coal mines employees are to be paid semi-monthly. No wages shall be paid within any public house.

Miners who are paid according to the weight of the mineral, may have at their own cost a check-weigher, to whom the owners of the mine must offer every facility. The check-weigher may be removed for misbehavior or obstruction.

No boy under twelve years shall be employed in or about a mine; and no boy over that age unless he can read, write and understands the first four rules of arithmetic. The driver of an engine, windlass or gin shall not be under fourteen years of age.

Single shafts are prohibited unless there be communication with other shafts; but this provision does not apply to the opening of a new mine to search for minerals, or any working for the purpose of making communication between shafts, so long as not more than twenty persons are employed underground at any one time. A mine may be exempted from the provisions as to single shafts by leave of the commissioner, if it is not a coal mine or mine with inflammable gases therein; provided precautions are taken against other dangers.

When an accident occurs in any mine, the manager must within twenty-four hours make a report giving full particulars to the mines office.

XI. MINING COMPANIES:

Every incorporated company must file a copy of its charter or act of incorporation and by-laws or regulations in the mines office before commencing to work.

Provision is made for filing and recording mortgages, bills of sale, judgments and other encumbrances in the office of the Commissioner of Mines.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF OHIO,

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by JOHN T. MOORE, Attorney-at-Law, Rooms 4 and 5, Gray's Building, Jackson, Ohio.

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COMMERCIAL LAW.

I. ALIENS:

Aliens may transact business and inherit, transmit or sell property as completely as any citizen of the State can do.

II. ASSIGNMENTS:

Assignments must be general for the equal benefit of all the creditors, by deed duly executed and filed in Probate Court, by assignee in ten days qualifying, executing and giving his bond; he must give notice by publication for three weeks. Creditors are required to present claims, verified, within six months. If claim is rejected, suit must be brought within sixty days. Assignments in contemplation of insolvency and to prefer one or more creditors inures to the benefit of all, and if made to hinder, delay, or defraud creditors may be declared void at the suit of any creditor, after which a trustee may be appointed to administer the property as a trust. Assignments do not include, unless expressed, property exempt. Taxes and wages for labor performed by any one for the assignor not exceeding three hundred dollars are preferred claims.

III. ATTACHMENTS:

In an action for the recovery of money, plaintiff may, at or after its commencement, have an attachment against defendant's property, when: 1. The defendant, or one of several, is a foreign corporation or non-resident of this State. 2. Has absconded with intent to defraud creditors. 3. Has left the county of his residence to avoid service of summons. 4. So conceals himself that a summons cannot be served upon him. 5. Is about to remove his property or a part thereof out of the jurisdiction of the court with intent to defraud creditors. 6. Is about to convert his property or a part thereof into money, for the purpose of placing it beyond the reach of his creditors. 7. Has property or rights in action which he conceals. 8. Has assigned, removed or disposed of, or is about to assign, remove or dispose of his property with intent to defraud his creditors. 9. Has fraudulently or criminally contracted the debt, or incurred the obligation, for which suit has been brought or is about to be brought. But no attachment shall be granted on either clause of the first ground for any claim other than a debt or demand arising on contract, judgment or decree, or by causing death by wrongful or negligent act.

The clerk of the court in which action is brought shall issue the writ of attachment when there is filed in his office an affidavit showing: 1. The nature of plaintiff's claim. 2. That it is just. 3. The amount affiant believes the plaintiff ought to recover. 4. Some one of the grounds above stated. If the first ground be shown, attachment issues without an undertaking; in all other cases plaintiff must execute, with surety approved by the clerk, an undertaking in double the claim conditioned to pay all damages if writ wrongfully issues.

Foreign corporations that have obtained certificates authorizing them to do business in this State are not subject to attachment upon the ground of non-residence.

IV. CLAIMS AGAINST ESTATES:

Any person having a claim against the estate must present it to the executor or administrator for allowance within one year after notice of administration has been published, or run the risk of insufficient assets. The affidavit to the claim should show that the claim is justly due the affiant, that no payments have been made and no offsets exist.

The executor or administrator must make final settlement within eighteen months, unless the court for good cause grant further time.

V. COURTS:

Justices' Courts have exclusive jurisdiction when the amount claimed does not exceed one hundred dollars, and concurrent with the Common Pleas on all sums from one hundred dollars to three hundred dollars. Common Pleas Courts and Superior Courts in cities have original jurisdiction in all cases for collections when the amount exceeds one hundred dollars. Circuit Courts and the Supreme Courts are appellate.

VI. FEES:

Acknowledgment before notary public	$0.40
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Attachment, variable; following suit; bond by plaintiff.	
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VII. DEEDS:

A deed, mortgage, power of attorney, or lease for any term exceeding three years, of any estate or interest in real property, must be signed by the grantor, mortgagor or lessor, and such signing must be acknowledged in the presence of two attesting witnesses who have subscribed the attestation, before a judge of a court of record of this State, or a clerk thereof, a county auditor, county surveyor, mayor, or justice of the peace. Without this State, before a commissioner appointed by the Governor of Ohio, or a consul of the United States resident in a foreign country. The acknowledgment must be certified upon the same sheet of paper bearing the attestation clause, or part of it. Such instrument, executed and acknowledged in any other state or territory according to the laws thereof, is binding here without proof of the official character of the officer taking the acknowledgment. No separate acknowledgment of wife is required. Deeds must be recorded in the recorder's office of the county where the land lies, and until so recorded or filed for record are fraudulent as to purchasers in good faith without notice. Mortgages take effect from the time they are delivered for record. When a mortgage is foreclosed the lands must be ordered sold by the court.

VIII. DEPOSITIONS:

Depositions may be used in the following cases: 1. When the witness does not reside in, or is absent, from the county where the action is pending and for trial. 2. When the witness is dead, or from infirmity, age or imprisonment is unable to attend court. 3. When the testimony is required upon a motion, or oral examination of the witness not required.

Depositions in this State may be taken before a judge or clerk of the Supreme, Circuit, or Common Pleas Court; a probate judge, justice of the peace, notary public, mayor, master commissioner, official stenographer of any court, or person empowered by special commission. A person taking depositions in this State to be used out of

it must derive his authority from the state, territory or district where the testimony is to be used. In every case the officer must not be an attorney or relative of either party, or interested in the suit. Written notice must be given the adverse party sufficient time before the taking to allow him enough time, exclusive of Sundays, day of service and one day for preparation, to travel to the place named for taking the same. Notice must specify the action, name of court where pending, time and place of taking, and if the testimony of a party is sought, that must be specified.

IX. DESCENT:

Real estate that came to an intestate by descent, devise or deed of gift, descends: 1. To the intestate's children. 2. To the relict for life. 3. To the brothers and sisters of the intestate of the blood of the ancestor from whom the estate came. 4. If the ancestor from whom the estate came be living, it ascends to him. 5. If the ancestor be dead it goes to his children, if any, if not, then to the widower or widow of such ancestor, if a parent of decedent, during life; on the death of such parent, or if there be none, the estate passes to the brothers and sisters of such parent; failing these, to the brothers and sisters of the half blood of the intestate, though not of the blood of the intestate from whom the estate came, and: 6. If there are none to take under the fifth rule, the estate passes to the next of kin of the intestate who are of the blood of the ancestor from whom the estate came. All other property, real and personal (except on distribution, when the widower or widow is entitled to half the first four hundred dollars of personal property and one-third the remainder), descends as follows: 1. To the children. 2. To the husband or wife. 3. Brothers and sisters of the whole blood. 4. Brothers and sisters of the half blood. 5. To the father, if living; if not, to the mother. 6. To next of kin of the blood of the intestate.

The lands of a decedent may all be sold if necessary to pay his debts, subject, however, to dower and homestead rights.

X. EMINENT DOMAIN:

No right of way shall be appropriated to the use of any corporation until full compensation therefor be made in money, or first secured by a deposit of money, to the owner, irrespective of any benefit from any improvement proposed by such corporation; which compensation shall be ascertained by a jury of twelve men, in a court of record, as shall be prescribed by law. If the corporation be unable to agree with the owner, his guardian or trustee as to the value of the property sought to be appropriated, or as to the compensation to be paid; or when the owner is incapable of contracting in person or by agent, and has no guardian or trustee, or is unknown, or whose residence is beyond the State or unknown, it may file its petition, verified, with the Probate judge, averring the matters required by statute in the county where the land is situate. If some of the tracts sought to be appropriated are situate in one county and some in another, proceedings may be commenced in either; they are thence prosecuted in substantially the same manner as a civil action, including the drawing and impanelling of the jury. New trials may be granted for cause, and either party may prosecute error, but there is no appeal.

A mine owner who has not sufficient surface for the necessary air shafts is authorized by statute to appropriate enough adjacent land for that purpose.

XI. EXECUTIONS:

Executions from a justice's docket can only be levied upon personal property. The debtor, by entering into an undertaking with sufficient surety to the creditor within ten days after the rendition, may have a stay of execution on the judgment, as follows: For five dollars and under, sixty days; five dollars to twenty dollars, ninety days; twenty dollars to fifty dollars, one hundred and fifty days; fifty dollars and upward, two hundred and forty days. Judgments by the Court of Common Pleas are not stayed. Execution must be levied upon personal property, if any found; if not, then upon real estate of the debtor. Execution may issue to any county in the State. Lands levied upon must be appraised by three disinterested freeholders of the county where situated. Appraisers, on actual view of the premises, after being sworn by the officer, must return an estimate of the real value of the lands in money; the premises shall then be advertised for thirty days, and offered for sale, but cannot be sold for less than two-thirds of the appraised value. If the lands sell, the judgment debtor may release them by paying into court before confirmation the amount of the judgment, interest and costs, including poundage, which ends all further proceedings. Lands, after sale and confirmation, cannot be redeemed.

XII. EXEMPTIONS:

Every person having a family and every widow may hold certain specified property exempt from levy and sale; and, if not having the specific chattels, may select in lieu thereof other chattels, and may also hold exempt his personal earnings, and the earnings of his minor children, for the three months next preceding the date of the execution, when it appears by his affidavit, or otherwise, that such wages are necessary for the family support. These special exemptions may amount in value to three hundred dollars. Husband and wife living together, a widow or widower living with an unmarried daughter, or unmarried minor son, may hold exempt a family homestead of one thousand dollars in value, or, if not the owner of a homestead, other real or personal property of the value of five hundred dollars.

XIII. INTEREST:

When no rate is named, interest is computed at six per centum per annum. Parties may contract for any rate not exceeding eight per cent. If payments of usurious interest be made, the excess above legal interest, six per cent, is applied to paying the principal. If a higher rate than eight per cent be stipulated, but six per cent can be collected. A bona fide purchaser, without notice of negotiable paper before due, is not affected by usury exacted by a previous holder. A note made in any state at a rate lawful there may be enforced here.

XIV. JUDGMENTS:

The judgment of a Court of Common Pleas is a lien upon the debtor's real estate within the county from the first day of the term in which it was rendered. Judgments by confession and judgments rendered in the term at which suit is commenced are liens from the day of rendition. Under all other judgments lands and property are bound only from the time of seizure. Judgments become dormant if no execution be issued in five years next after they are entered; to keep the lien alive execution must be levied within five years, and within each succeeding five years. Dormant judgments may be revived within twenty years. Transcripts of justices' judgments may be filed with the clerk of Common Pleas of the county where rendered, and if filed in vacation the lien attaches, as to other lien holders, from the first day of the next term; if filed in term the lien attaches at the date of filing. Equities of the judgment debtor may be subjected by a creditor's bill, or a proceeding in aid of execution.

XV. LIENS:

A person who performs labor, or furnishes material or machinery for constructing, altering or repairing a boat, vessel or other water craft, or for erecting, altering, repairing or moving a house, mill, manufactory, or any furnace or furnace material therein, or other building appurtenance or structure, or for the digging, drilling, plumbing, boring, operating, completing or repairing of any gas well, oil well or any other well, or performs labor of any kind whatsoever, in altering, repairing or constructing any oil-derrick, oil-tank, oil or gas pipe-line, or furnishes tile for drainage of any lot or land by virtue of a contract with, or at the instance of the owner thereof, or his agent, trustee, contractor or sub-contractor, shall have a lien to secure payment for the same upon such boat, vessel or other water craft, or upon such house, mill, manufactory or other building or appurtenance, fixture, bridge or other structure; or upon such gas-well, oil-well, or any other well; or upon such oil-derrick, oil-tank, oil or gas pipe line, and upon the material and machinery so furnished, and upon the interest, leasehold or otherwise, of the owner in the lot or land on which the same may stand or to which it may be removed.

When liens are obtained on the same property by persons performing labor, or furnishing material or machinery, and by the original contractor, the lien of such contractor shall be postponed to the liens of the persons performing the labor, or furnishing machinery or material. The latter shall have no priority among themselves, and their respective liens shall not exceed, in gross, the contract price between the owner and the principal contractor, unless such owner and contractor have fraudulently colluded to fix an unreasonably low contract price; in such case the court will ascertain the difference between such fraudulent contract price and the real worth, or fair and reasonable price, and the lien shall be to the extent of such fair and reasonable price.

Liens must be perfected in four months from performing the labor, or furnishing the material, by filing with the county recorder of the county where the property or improvement is situated the itemized statement and affidavit required by the statute, on which all credits must be stated and the amount due shown.

XVI. LIMITATIONS:

On contracts not in writing, express or implied, six years; specialty or any agreement in writing, fifteen years; real actions, twenty-one years; judgments, twenty one years. Part payment, or acknowledgment or promise in writing will take the case out of the operation of the statute.

XVII. MARRIED WOMEN:

Excepting the right to vote and hold office, other than school director, a married woman has all the civil rights and privileges enjoyed by her husband. She may take, hold and dispose of real or personal property as she could if unmarried. She may sue and be sued, contract and be contracted with, to the same extent as others. She is entitled to all the benefits of heads of families. Neither

...sband nor wife has any interest in the property of the ...ther, except the wife to her support by her husband, if ...e able; if not, she must support herself, and, if able, ...er husband also. Widower or widow who has not re...nquished or been barred of same, is entitled to be en...wed for life in one-third of the real estate of the de...ased consort. Judgment may be rendered against the ...ife and execution levied upon her property, as if single. ...urtesy is abolished.

XVIII. MORTGAGES:

A chattel mortgage is void against third parties unless ...e same, or a copy thereof, be deposited with the clerk of ...e township where the mortgagor resides, if a resident ...f the State; or if a non-resident, of the township where ...e mortgaged property is situated. When the mortgagor ...s a non-resident of the State, or is a resident of the ...wnship where the office of the county recorder is kept, ...e mortgage shall be filed with the recorder. The mort...gee, his agent or attorney, shall, before filing, state on ...e instrument, under oath, the amount of the claim, ...at it is just and unpaid; or if given to indemnify the ...rtgagee as surety, such sworn statement must truly ...w the extent of the liability, and that the mortgage ...as taken in good faith to indemnify the mortgagee ...ainst loss by reason of his suretyship. Within thirty ...s before the expiration of one year from its date, the ...rtgage, or a copy thereof, and sworn statement must ...e made and filed. (See "VII. Deeds.")

XIX. NOTES AND BILLS:

Notes and bills made payable to the order of any per...on are negotiable by endorsement; if payable to bearer, ...y delivery, transferring thus the title absolutely. If ...ayable on a day certain, are entitled to three days' ...race. Negotiable instruments given for a patent right ...ust have the words "Given for a patent right" printed ...across the face and over the signature, and in any hands ...uch paper is subject to all the defenses existing against ...the original owner.

XX. SUITS:

There is but one form of action, called a civil action, ...prosecuted by the real party in interest, except adminis...trators, trustees, etc. Actions for money may be tried ...by a jury, or a jury may be waived. Generally, service ...is by summons.

XXI. TAXES:

All property, real and personal, in this State, belonging ...to individuals or corporations, including all moneys, cred...its, investments in bonds, stocks or otherwise, of persons ...residing in this State, are subject to taxation. Tax lien ...attaches on the day preceding the second Monday in ...April of each year. Taxes are payable from October 1st ...to December 20th, but half may be paid then, and half be...tween April 1st and June 20th following. If an install...ment be not paid when due, a penalty of fifteen per cent ...is added. On failing to pay three semi-annual payments ...the land becomes delinquent, and is sold by the treas...urer. Owner can redeem in two years by paying the ...amount for which the land was sold, all taxes and in...terest and a penalty of fifteen per cent if redeemed with...in one year, and twenty-five per cent if within two years.

XXII. WAGES:

The personal earnings of a person who is the head of a ...family, for services rendered within three months before ...the commencement of the action, if brought before a jus...tice of the peace, cannot be attached.

Actions for wages are first in order of trial by the ...Court of Common Pleas. Every administrator must pay ...wages earned by laborers within twelve months pre...ceding the death of the party for whom such labor was ...performed, in full, not exceeding one hundred and fifty ...dollars, before paying the general creditors. Assignees ...in insolvency must, in like manner pay laborers and ...operatives any amount due for wages earned in twelve ...months preceding the assignment, not exceeding three ...hundred dollars.

Laborers and employes at any manual service have a ...lien upon the real property of their employers for their ...wages superior to other liens taken or attaching during ...the existence of such unpaid labor claims, and superior ...to all claims of homestead and other exemptions, except ...property exempt from execution. But to secure this lien, ...each employe must within thirty days from the expiration ...of three months after performing any portion of said ...labor file with the recorder of the county a verified ...itemized statement of the kind and value of the labor ...performed within such period, with all credits and offsets, ...and the amount then due him. This statement, when ...recorded, becomes a lien on all the employer's real estate, ...by statutory provision. In all cases where property of ...an employer is placed in the hands of an assignee, re...ceiver or trustee, claims due for labor performed within ...three months prior to the time such assignee, receiver ...or trustee is appointed must first be paid out of the trust ...fund in preference to all other claims, except taxes and ...costs of administering the trust.

Miners' earnings must in general be paid twice a month, at the place where the labor was performed, and such payment must comprise all the wages earned to within ten days of the time of payment, but the employer may retain at each payment whatever amount the employe may direct from his or her wages for rent, powder, tools, tool sharpening or oil, due said employer. Paying wages in scrip, or compelling the employee to buy goods at the employer's store may in either case be punished as a misdemeanor.

XXIII. WILLS:

Any person of full age, sound mind, and not under restraint, may make a will, disposing of any property, real or personal, belonging to the testator. If any testator leave issue of the body or adopted child, any bequest or devise to an educational, religious or charitable purpose, or to any state or municipal corporation, or in trust for such purpose, is invalid, unless such will shall have been executed at least one year prior to the death of the testator. All wills, except nuncupative, must be in writing and signed at the end thereof by the party making the same, or by other person in his presence, by his express direction, and be attested and subscribed in the presence of one or more competent witnesses who saw the testator subscribe, or heard him acknowledge the same.

No will is effectual to pass real or personal estate until it has been duly admitted to probate, and no devisee shall take his devise if, knowing the existence of the will and having the power to compel its production, he fail for three years to produce, or cause its production for probate and record. The rule in "Shelley's Case," as to wills, is abrogated.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

Corporations can only be formed under general laws. Each stockholder in a corporation for profit is liable to creditors for any amount of unpaid stock, and for an additional amount equal to the stock subscribed. This liability can only be enforced equally among solvent stockholders. Each stockholder is entitled to one vote for each share of his stock, unless it be provided in the certificate of incorporation that he shall be entitled to but one vote irrespective of the amount of stock he may own.

Corporations for profit may be formed for the transaction of any lawful business, for which individuals may associate themselves to do. But articles of incorporation for the purposes of buying and selling real estate shall expire in twenty-five years.

II. ORGANIZATION:

A corporation for profit may be formed by five or more natural persons, a majority of them being citizens of Ohio. They must subscribe and acknowledge before any officer competent to take the acknowledgment of deeds, articles of incorporation, which must contain: 1. The corporate name, beginning with the word "The" and ending with the word "Company." 2. The place where it is to be located or its principal business to be transacted. 3. The purpose for which it is formed. 4. The amount of the capital stock and the number of shares into which it is divided.

When the organization is for the purpose of constructing an improvement not to be located at a single place, the articles must set forth: 1. The kind of improvement intended to be constructed. 2. The termini of the improvement and the counties in or through which it or its branches shall pass.

The articles of incorporation are filed with the Secretary of State for record, and copies thereof duly certified are prima facie evidence of the existence of the corporation. The filing of the articles constitutes the persons named therein a body corporate with the usual powers. As soon as ten per cent of the capital is subscribed the subscribers shall certify that fact to the Secretary of State in writing and call a meeting of the stockholders for the election of directors, giving thirty days' notice in a newspaper of general circulation, or published in the county or counties where books of subscription are to be opened. The number of directors must not be less than five nor more than seven, and when elected continue in office until the next annual election, or their successors are chosen and qualified. Notice of such meeting may be waived in writing if all the subscribers are present in person or proxy. All directors and executive officers must be stockholders and a majority of them residents of the State of Ohio. The foregoing is a brief outline of the method of corporate organization. (Volume I, Revised Statutes Ohio, Sections 3232 to 3247 inclusive.)

III. POWERS:

Any company heretofore incorporated or that may hereafter be incorporated under the laws of this State, for the purpose of mining or boring in the earth for petroleum or rock oil, salt, or other vegetable, medicinal or mineral fluid, or for refining or purifying the same; quar-

rying stone, marble, or slate; mining coal, iron, copper, lead or other minerals, or manufacturing the same, or engaged in the manufacturing of articles composed in the whole of iron or part of iron and wood; or for manufacturing cotton or woolen fabrics in whole or in part, or both; and carrying on business connected with the main objects of such corporation may, in its corporate name, take, hold and convey such real estate and personal estate as are necessary or convenient for the purpose for which it was incorporated, and may carry on its business, or so much thereof as is convenient, in any county in this State, or beyond the limits of this State, and may there hold any real or personal estate necessary or convenient for conducting the same.

The directors of any such company may authorize its president, or other proper officer, to purchase or subscribe for, in the name of the company, such an amount of the stocks of any railroad, or other transportation company as they deem necessary, in order to procure proper facilities for transportation for the manufactories, mines, or other works of the company; but the written consent of the holders of two-thirds the capital stock of the company to such subscription or purchase must first be had.

Any two or more such corporations may be consolidated. When such agreement for consolidation has been duly ratified in the manner specified in the preceding section, the corporation so agreeing to surrender its name and rights shall cease to be a corporation, and to exercises corporate rights. Such companies are authorized to construct railroads, but cannot condemn the right of way.

IV. FOREIGN CORPORATIONS:

No foreign corporation shall transact business in Ohio without a certificate from the Secretary of State, in whose office the corporation must first file a sworn copy of its charter or certificate of its incorporation, and a statement under its corporate seal setting forth the amount of its capital stock, the business which the corporation purposes to conduct in Ohio, a place within the State for its principal place of business, and designating some person upon whom service of process can be made according to the code of civil procedure. A foreign corporation failing to comply with this statute cannot maintain an action in the courts of Ohio.

MINING.

I. MAPS AND PLANS:

The agent or owner of any mine having an excavation of fifteen thousand cubic yards or more shall make an accurate map of the workings of such mine on a scale of not less than two hundred feet to the inch, showing the area excavated and its relation to adjoining lands, the names of the owner or owners of such lands, if known, marked on the map, and renewing such map annually, show the progress and plan of each mine for the year. Said map shall be open to the mine inspector, and unless it be made within sixty days after notice, such owner is liable to a fine of five dollars for each day until such map is made.

II. OUTLETS AND VENTILATION:

Every mine worked by shaft shall have at least two outlets to every seam of coal worked in the mine, and not nearer together than one hundred feet, by which distinct means of ingress and egress are always available to persons employed therein. This provision is not applicable to opening a new mine where not more than twenty persons are employed at a time. These outlets must be furnished with such machinery as may be necessary for the purpose as is provided from time to time by statute. Such agent or owner of every coal mine, shaft, slope or drift shall maintain ventilation of not less than 100 cubic feet per minute to each person working in such mine, and so circulate and distribute the same, as to expel the noxious and poisonous air from all the working places in the mine; make a break through every sixty feet of advance; close air-tight all break-throughs except the last made, and keep the current of air sweeping to the interior of the mine. The statute also provides for speaking tubes in deep shafts, cages, proper gates, safety catches for the cages, and passage wings at bottom of shaft so that persons boarding or leaving the cages may have unobstructed way.

No boy under twelve years of age shall be permitted to work in a mine, nor shall any boy between twelve and sixteen be so permitted if he cannot read and write.

DIGEST OF THE

Commercial and Corporation Laws OF OKLAHOMA TERRITORY.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by WISBY & HORNOR, Attorneys-at-Law, Guthrie, Oklahoma.

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COMMERCIAL LAW.

I. ACTIONS:

There is but one form of action, known as a civil action. The distinctions between actions at law and suits in equity are abolished. Actions may be commenced in courts of record by filing a petition and causing a summons to issue thereon. The praecipe for summons should state the amount for which judgment is demanded.

II. AFFIDAVITS:

May be made out of the Territory before any judge, justice or chancellor of a court of record, a justice of the peace, notary, mayor or chief magistrate of a city or town corporate; a commissioner appointed by the Governor of the Territory, or any person authorized by a special commission from the Territory. In the Territory, may be taken before the same officers, and in addition, before a county clerk.

III. ALIENS:

There is no discrimination against aliens.

IV. APPEALS:

Lie from justices of the peace and Probate Courts to the District Court. On questions of law only, where the amount involved is more than one hundred dollars and not exceeding one thousand dollars appeals may be taken from the Probate Court direct to the Supreme Court in the same manner as appeals from the District Court. Where the amount or value in controversy exceeds five thousand dollars appeals lie from Supreme Court of Territory to United States Circuit Court of Appeals, and also to the Supreme Court of the United States direct.

V. ARRESTS:

A party may be arrested for debt when the same was fraudulently contracted, or where he is fraudulently making away with or concealing his property, or converting it into money, to defraud his creditors.

VI. ASSIGNMENTS:

Must be for the benefit of all creditors. If there be any preference the property of the insolvent is thereby converted into a trust fund to be administered in equity for the benefit of all creditors. A debtor may prefer creditors in the usual way, however, as by mortgage. The statute does not prohibit such preferences.

VII. ATTACHMENT:

The plaintiff may have an attachment at or after the commencement of suit in the following cases, when the defendant, or one of several defendants: 1. Is a foreign corporation, or non-resident of the Territory; but no attachment shall issue on this ground for any claim other than a demand arising upon a contract, judgment or decree, unless the cause of action arose wholly within the Territory, which fact must be established upon the trial. 2. Has absconded with intent to defraud his creditors. 3. Has left the county of his residence to avoid the service of summons. 4. So conceals himself that

service cannot be had upon him. 5. Is about to remove his property, or a part thereof, out of the jurisdiction of the court, with intent to defraud his creditors. 6. Is about to convert his property, or a part thereof, into money, for the purpose of placing it beyond the reach of his creditors. 7. Has property, or rights of action, which he conceals. 8. Has assigned, removed, or disposed of, or is about to dispose of his property, or a part thereof, with the intent to hinder, delay or defraud his creditors. 9. Has fraudulently contracted the debt, liability, or obligation, for which suit has been, or is about to be brought.

Attachment issues also: 1. Where the damages for which the action is brought are for injuries arising from the commission of a felony or misdemeanor, or the seduction of a female. 2. When the debtor has failed to pay the price or value of an article or thing delivered, which, by contract, he was bound to pay for on delivery.

Where the claim is not yet due plaintiff may have an attachment if the debtor has sold, conveyed or otherwise disposed of his property, with the intent to cheat or defraud his creditors, or delay them in the collection of their debts, or is about to make such disposition of his property with such intent, or is about to remove his property or a material part thereof with such intent.

In all cases of attachment an undertaking must be given to the satisfaction of the clerk, in a sum not exceeding double the amount of the plaintiff's claim, to the effect that the plaintiff will pay the defendant all damages which he may sustain by reason of the attachment, if the order be wrongfully obtained. Attachments have priority in the order in which they are delivered to the sheriff. Garnishment proceedings may be prosecuted in conjunction with direct attachment, but municipal corporations are exempt. By a recent act of the legislature, which went into effect March 8th, 1895, all debts fraudulently contracted are deemed to be due at the time when they are contracted.

VIII. CLAIMS AGAINST ESTATES:

The executor or administrator must give notice by publication to all persons having claims against said estate to exhibit them, such notice to be published not less than once a week for four weeks. Claims must be presented within six months after first publication of said notice when estate exceeds in value five thousand dollars, and four months when it does not. Proof of due notice to creditors must be filed with the court, and upon such proof, the court enters a decree to that effect. Claims for debts not due must be presented within one month after due. Claims due must be supported by the affidavit of the claimant or some one in his behalf, to the effect "that the amount is justly due, that no payments have been made thereon which are not credited, and that there are no offsets to the same, to the knowledge of the claimant or affiant." If a claim not due, when presented, or be contingent, the particulars of same must be stated. If affidavit is not made by the claimant, the affiant must state the reasons why it is not made. If a claim is rejected by the administrator or court, suit must be brought in a court having jurisdiction thereof within three months, or if not due, within two months after it becomes due, or be forever barred. If made to appear by affidavit that a creditor had no notice, by reason of being out of the Territory, such a claim may be presented at any time before decree of distribution. Any claim for a deficiency or balance due, after the sale of mortgaged or pledged property, must be presented within one month after deficiency is ascertained.

IX. DEEDS:

Deeds of real property or interests therein must be executed by husband and wife. To entitle them to be admitted to record they must be acknowledged before a notary public, judge of the United States court of record or the clerk thereof; or judge or clerk of a State court of record; or a commissioner appointed by the Governor of this Territory to take acknowledgments; or some officer authorized by the laws of the state or territory where the acknowledgment is taken to take acknowledgments. If taken in the Territory, mayors of cities, registers of deeds, county clerks, justices of the peace, county auditors and United States commissioners may also take the acknowledgment.

Instruments duly acknowledged may be recorded with the register of deeds of the proper county, and when so recorded impart notice to all persons of their contents, and may be read in evidence without further authentication. Deeds by corporations must be under their seal, signed by the presiding officer thereof, and may be acknowledged and recorded as other deeds are. Powers of attorney to convey land must be executed the same as deeds, but if the power be granted by a corporation, the corporate seal need not be affixed to the deed made by its attorney, though it must be to the instrument creating the power. If the grantor in a deed be a single person the notary should so certify. No particular form of deed is required. In a warranty deed subsequently acquired title inures to the benefit of the grantee. In quit-claim deeds the grantee takes subject to outstanding equities, but all the interest of the grantor passes.

X. DEPOSITIONS:

Are taken on notice or special commission. Notice must allow adverse party sufficient time to attend by usual route, and one day for preparation, exclusive of Sunday and day of service. Notice may be given to a non-resident by publication for three successive weeks.

Depositions may be taken out of the Territory by judge of a court of record, justice of the peace, notary public, mayor of a corporate town, commissioner appointed by the Governor of this Territory to take depositions, or a special commissioner from the Territory. The officer must not be a relative or attorney of either party, or interested in the proceeding. The special commissioner mentioned above may be appointed by a court of record or the judge thereof, and the commission is issued by the clerk, under the seal of the court. Depositions taken before him must be upon written interrogatories, unless the parties otherwise agree. Depositions can only be used where the witness does not reside in the county where the action is pending for trial, or where the witness is dead, or cannot, by reason of age, infirmity, or imprisonment, attend the trial; or when the evidence is to be used upon motion. The deposition must be written in the presence of the officer taking the same, either by him, the witness, or some disinterested person, and subscribed by the witness.

XI. DESCENT:

The estate of any person dying without having disposed of his estate by will, subject to the payment of his debts, descends in the following manner: 1. If the decedent leave a surviving husband or wife and only one child, or the lawful issue of one child, in equal shares to the surviving husband or wife and child, or issue of such child; if husband or wife survives and more than one child or one child and the lawful issue of one or more deceased children, one-third to the surviving husband or wife, and remainder in equal shares to the children, and to issue of deceased children by right of representation; but if there be no child of decedent living at his death, the remainder goes to his lineal descendants, who, in the same degree of kindred to decedent, share equally, otherwise, they take by representation. If neither husband nor wife survives the whole estate goes to issue, per capita if more than one, and to children of deceased issue by right of representation. 2. If decedent leave no issue, the estate goes in equal shares to surviving husband or wife, and to decedent's father, and if neither issue nor surviving spouse, whole estate goes to decedent's father. If there be no father, then one-half goes in equal shares to the mother, if living, brothers and sisters of deceased, and to the children of any thereof deceased by right of representation. 3. If neither issue, spouse nor parents survive decedent, estate goes in equal shares to brothers and sisters of decedent and to the children of such deceased, by right of representation. If the mother survive, she takes an equal share with the brothers and sisters. 4. If decedent leave neither issue, spouse, father, nor brothers or sisters living, the estate goes to his mother to the exclusion of the issue, if any, of the deceased brothers or sisters. 5. If decedent leave surviving spouse, and neither issue, parents, brothers, nor sister, the whole estate goes to the surviving spouse; and if none of these survive, the estate must go to the next of kin, in equal degree, excepting that when there are two or more collateral kindred in equal degree, but claiming through different ancestors, those who claim through the nearest ancestors must be preferred to those claiming though an ancestor more remote. However: 6. If any surviving child of decedent dies under age, and unmarried, all the estate that came to the deceased child by inheritance from the decedent descends in equal shares to the other children of the same parents, and to the issue of any such other children who are dead, by right of representation; and if all such other children are also dead, and any of them left issue, the estate which came to such child by inheritance from the dead parent descends to said issue of all other children of the same parents; and if all the issue are in the same degree of kindred to the said sole child, they share the estate equally, otherwise they take by representation. 7. If decedent leave no husband, wife, or kindred, the estate escheats to the Territory for the support of common schools. Dower and curtesy are abolished.

XII. EXEMPTIONS:

To the head of every family there is exempt: Homestead of one hundred and sixty acres in the country or one acre in a town, with improvements thereon; tools and apparatus of trade or profession; library, pictures, and wearing apparel; five cows and their calves under six months old; one yoke of oxen with yokes or chains, two horses (or mules), one wagon, cart, or dray, and one carriage or buggy; one gun, ten hogs, twenty sheep, saddles and harness; provisions for family and stock for one year; and wages and earnings for personal or professional services for ninety days preceding date of seizure. Exemption does not apply to non-resident, or to a debtor who is removing his family from the Territory, or who has absconded with his family.

To a single person not the head of a family is exempt: Wearing apparel, tools and books of trade or profession; one horse, bridle and saddle, or one yoke of oxen, and current wages. Pension money also is exempt.

No exemption is allowed for taxes, purchase money of homestead, for work or material used in construction on or improving the same, or for mortgaged indebtedness; but in the last two cases the consent in writing of the wife must be had in the same manner as to conveyances of land. There is also no exemption for rents, or advancements made by landlord, nor for the wages of any clerk, mechanic, laborer or servant.

XIII. GARNISHMENT:

A municipal corporation cannot be garnisheed. A creditor may proceed by garnishment against any person who shall be indebted to or have in his possession or under his control any property belonging to the debtor, either at the time of the issuing of the summons or at any time thereafter before final judgment, in any action to recover damages founded upon contract, express or implied, and upon a judgment or decree, by making, or having made in his behalf, and filing with the clerk of the court, an affidavit stating the amount of his claim over and above all set-offs, that he verily believes that the person proceeded against in garnishment is indebted to or has property, real or personal, in his possession or under his control belonging to the defendant, that the defendant has not property liable to execution sufficient to satisfy his claim, and that the property or indebtedness of the person proceeded against in garnishment is not exempt from seizure on execution. If the garnishee shall fail to make affidavit of rebuttal and shall in fact be indebted to the defendant or have property belonging to him, he shall make an affidavit setting forth the facts in reference to such indebtedness or property, but if he fail to do so the court will render judgment against him for the whole amount of the judgment which the plaintiff shall recover against the defendant, together with all costs.

XIV. INTEREST:

The legal rate is seven per cent; but there is no limitation upon the contract rate. Usury is abolished. Judgments draw the original contract rate up to twelve per cent. If no rate be contracted for judgments draw seven per cent.

XV. JUDGMENTS:

Judgments of courts of record are liens upon real estate from the first day of the term, except where rendered by confession or at same term in which cases are commenced, in which cases they are liens from date of rendering judgment. Unless execution be taken out within a year, the lien lapses. Judgments become dormant in five years from date of rendition or from last execution, and cease to be a lien. They may be revived in one year after becoming dormant by notice and motion. Judgments of justices may be filed in the District Court of the county where rendered, and thence certified to other District Courts. When so filed or certified, they have the same force and effect as if originally rendered in the District Court. Such a lien dates from the time of filing transcript, and execution on such judgment can only issue from the District Court.

XVI. JURISDICTION OF COURTS:

Justices of the peace have criminal jurisdiction of examining magistrates and in civil cases up to one hundred dollars.

The Probate Court has general probate jurisdiction and civil jurisdiction concurrent with the District Court up to one thousand dollars; also criminal jurisdiction in misdemeanors and powers of an examining magistrate.

The District Courts have a general chancery and common law jurisdiction; also the jurisdiction of the Circuit and Districts Courts of the United States. The judges of the District Courts constitute the Supreme Court, and the Supreme Court has general appellate powers.

XVII. LIMITATIONS:

Actions upon contracts not in writing, and upon liabilities created by statute, other than a penalty or forfeiture, must be brought within three years; on contracts in writing, within five years; for trespass upon real property, taking and detaining personal property or injuries thereto, fraud, injuries to rights of another not otherwise provided for, within two years, but time does not run against fraud until it is discovered; for libel, slander, assault or assault and battery, malicious prosecution, or false imprisonment, within one year; on official bonds, and undertakings in attachment, or injunction, within five years; forcible entry and detainer, within two years; actions to recover real property (not sold for taxes), within fifteen years, but if property was sold for taxes, two years from date of recording tax deed. Other actions, within five years.

The statute does not run while party is out of Territory, or conceals himself so that he cannot be sued. If the action fails otherwise than upon the merits thereof, plaintiff has one year in which to commence a new action. Part payment, or acknowledgment and promise in writing to pay a debt, renews it. All actions barred without the Territory barred here.

XVIII. MORTGAGES:

Of real estate must be signed by husband and wife if on homestead. ("IX. Deeds.") They can only be foreclosed by suit, and may stipulate for attorney's fees.

Chattel mortgages are good for three years, and may be renewed by affidavit. Must be witnessed by two witnesses, but need not be acknowledged. To affect persons without notice the deed must be filed with the register of deeds of the county wherein the property is located.

XIX. NOTES AND BILLS:

A negotiable instrument may be with or without a date, and with or without designation of time or place of payment; may contain a pledge, or collateral security, with authority to dispose of the same; but must not contain any other contract than such as is specified by law. If no time of payment is specified, payment is due immediately; and if no place of payment is designated it is payable at the residence or place of business of the maker, or at any place where he may be found. The signature of every drawer, acceptor, and indorser is presumed to have been made for a valuable consideration before the maturity of the instrument in the ordinary course of business. Demand for payment upon the principal debtor is not necessary to charge him.

Three days of grace are allowed, Sundays and holidays excluded, unless there is an express stipulation to the contrary on all bills or drafts, payable at sight, whether foreign or inland; all promissory notes, bills of exchange and drafts on the face of which time is specified, and all notes due on demand after demand is made. Presentment for acceptance must be made by the holder or his agent on a business day at a reasonable hour to the drawee, or, if he is absent from his residence or business, to some person having charge or employed at his place of business.

XX. REDEMPTION:

From tax sale, two years from date of sale, or at any time before deed is executed. No redemption from mortgage foreclosure.

XXI. REPLEVIN:

An order of replevin is issued upon affidavit of the plaintiff, his agent or attorney, showing: 1. Description of the property. 2. That the plaintiff is the owner of the property or has a special ownership or interest therein, stating the facts in relation thereto, and that he is entitled to the immediate possession thereof. 3. That the property is wrongfully detained by the defendant. 4. That it was not taken under an execution, on any order of attachment against the plaintiff, or for the payment of any tax, fine, or amercement assessed against him, or by virtue of an order of delivery issued under Article 10 of the Statute, or any other mesne or final process issued against the plaintiff. 5. If taken on execution or any order of attachment against the plaintiff, that it is exempt by law from being so taken. 6. Actual value of the property, and where several articles are claimed, the value of each shall be stated as nearly as practicable.

The order is not issued until an undertaking is filed with the clerk by plaintiff with sufficient sureties in not less than double the value of the property, to the effect that the plaintiff will duly prosecute his action and pay all costs and damages which may be awarded against him, and if the property be delivered to him that he will return the same to the defendant if return thereof be adjudged.

CORPORATIONS.

I. ORGANIZATION:

Private corporations for mining, quarrying and other business purposes are created by filing with the Secretary of the Territory a copy of the articles of incorporation, setting forth the name, purpose, principal place of business, term, number, names and residences of directors and the amount of capital stock and number of shares, which articles must be subscribed by at least three persons, one-third of whom must be residents of the Territory, upon which the Secretary of the Territory issues the certificate of incorporation. A corporation must begin business within one year from the date of its charter.

Mining and manufacturing corporations are organized as other corporations and are subject to their duties and liabilities, but their term of existence shall not exceed twenty years. Such corporations may have their business office within or without this Territory. They may have a right of way to run a tunnel to any place they may desire. They must begin work within ninety days from the date of the charter and finish within two years or forfeit all right save as to lands owned by such corporations. If the corporation has its place of business in the Territory it shall be allowed four years in which to complete the work.

Every grant of corporate power is subject to alteration, suspension or repeal in the discretion of the legislature. Corporations may be dissolved in the usual way.

II. OFFICERS:

There must be not less than three nor more than eleven directors, who shall be elected for one year and shall be stockholders.

III. DIVIDENDS:

No dividend shall be declared except from surplus profit, and any director who shall permit any dividend from the capital stock, or create any debt beyond the capital stock, shall be liable personally to any party damaged, unless he shall cause his dissent to be entered on the minutes. Any officer making a false representation in an official report or on the books of the corporation shall be liable to any person for all damages he may sustain.

IV. CAPITAL STOCK:

The capital stock may be increased or diminished by a two-thirds vote, but shall in no case be decreased to a less amount than the indebtedness. Stock is negotiable, but only affects third parties when transferred on the books of the association.

V. LIABILITY OF STOCKHOLDERS:

Each stockholder of a corporation is individually and personally liable for the debts of the corporation to the extent of the amount that is unpaid upon the stock held by him.

Stockholders in mining and manufacturing corporations are jointly and severally liable in their individual capacities for all debts due to mechanics, workmen or laborers employed by such corporations; and said liability may be enforced at any time after an execution against the corporation has been returned unsatisfied. This action must be commenced within four months, and the stockholders are liable for contribution to each other.

VI. RECORDS AND REPORTS:

Every such corporation must once each year publish a statement of its business, indebtedness and profits.

The Legislature may at any time cause an investigation of the affairs of a corporation. A corporation must keep a record of its business proceedings, which shall be open to every member and creditor.

VII. FOREIGN CORPORATIONS:

No foreign corporation shall transact any business in this Territory until it shall have filed in the office of the Secretary of the Territory an authenticated copy of its charter and shall have appointed an agent to reside in the Territory. A duly authenticated copy of the appointment of such agent shall be filed with the Secretary of the Territory and with the register of deeds of the county where such agent resides.

DIGEST OF THE

Commercial, Corporation and Mining Laws

OF ONTARIO, CANADA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by ARNOLD & IRWIN, Barristers, Solicitors, and Notaries, Toronto, Canada.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS: ("VII. Deeds.")

II. ALIENS:

Can take, hold and sell real and personal property as if they were native born Canadians.

III. ASSIGNMENT:

There is no insolvent or bankruptcy act in Canada. Provincial acts provide for a ratable distribution of the estate of the insolvent among his creditors. Gift, conveyance, or transfer of goods, chattels, effects, bonds, notes, securities, or of any other property, real or personal, made by a person in insolvent circumstances, to give any creditor a preference, is illegal and void. Any person may make an assignment for the benefit of creditors to the sheriff of the county, or to any other permanent resident of the Province, with the assent of the creditors. Notice must be sent to all creditors by the assignee. Claims are proved by affidavit, and any securities held by the creditors must be mentioned in the affidavit and valued. Wages or salary to the extent of three months have priority over other claims. A debtor cannot obtain a discharge without the consent of every creditor. A chose in action may be assigned by any form of writing.

IV. ATTACHMENT:

Lies where a debtor is about to remove his goods from one county to another or out of the Province with intent to defeat or defraud his creditors, or to avoid arrest. The attachment is obtained upon affidavit proving that fact to the satisfaction of the judge. A resident debtor in Ontario who leaves the Province, possessed to his own use of any real or personal property, is deemed an absconding debtor; and his personal property may be seized and taken by a judge's order, upon affidavit setting forth the facts. Debts due to the debtor may be attached by garnishee process.

V. CLAIMS AGAINST ESTATES:

Wills are proved and letters of administration are granted by the Surrogate Court of the county wherein the deceased had his last place of abode. Security is to be given in the case of administration of the estate of a deceased intestate. All debts are paid pari passu. Foreign executors have to prove the deceased's will, or administer the estate in this Province by taking out letters of administration with the will annexed. Claims are enforced by suing the appointed executor or administrator. Succession duties are imposed.

VI. COURTS AND FEES:

In the Superior Courts and the County Courts actions are commenced by writ of summons. The County Courts have jurisdiction where the claim is liquidated or acknowledged by the defendant up to four hundred dollars. Unliquidated claims up to one hundred dollars, claims liquidated or acknowledged by the defendant up to two hundred dollars, and damages to the extent of sixty dollars can be sued for in the Division Courts. Defendants residing in Ontario have ten days to appear to the writ of summons in the Superior and County Courts. If residing without the jurisdiction the time for appearance is regulated by rule of the court but may be shortened by order of the court on application made for that purpose. Where the claim is for a debt or liquidated demand and especially endorsed on the writ final judgment may be signed on default of appearance, and execution against goods and lands may be issued forthwith; where the defendant has no defense speedy judgment and execution may be had after the appearance has been entered upon a motion made to the court, upon affidavits proving the claim and that there is no defense.

In the Division Courts there are no pleadings and the court sits frequently. In suits in these courts only disbursements are recoverable by the successful party; and fees ranging from two dollars and a half to six dollars, according to the amount of the debt, have to be paid to the clerk of the court on entering the claim for suit. These payments generally cover all the court costs in a suit, the bailiff's fees, etc., but not solicitor's fees.

Priority amongst judgment creditors has been abolished so far as regards the rights of those placing writs of execution in the sheriff's hands within one month after any levy by him; and each of such are entitled to a proportionate share of such levy. Speedy judgment and execution is still very desirable. Plaintiffs resident without the Province of Ontario may be compelled to give security for costs, usually by bond of two or more properly qualified persons resident within the jurisdiction of the court, in the sum of four hundred dollars in the High Court, and

two hundred dollars in the County Court, or by paying into court half the amount required by bond.

VII. DEEDS:

Every deed must be under seal. One witness is sufficient. It should be in duplicate so that it may be registered. An affidavit, or acknowledgment of execution, made by the witness must be endorsed or attached before registration can be effected. The affidavit may be made in any foreign country, before the mayor of any city, borough or town corporate, certified under the common seal; or before any British consul or vice-consul resident in such country, or before a judge of a court of record, or a notary public, certified under his official seal.

VIII. DEPOSITIONS:

Commissions for taking evidence of absent, non-resident or other witnesses unable to attend for testimony at the place or time of trial of any cause, issue from the Queen's Bench, Chancery or Common Pleas Division of the High Court of Justice. Instructions as to the execution of the commission are contained within it.

IX. DESCENT:

The real and personal estate of an intestate goes, if widow and children survive, one-third to the widow absolutely, and the residue equally amongst the children, or, if dead, to their lineal descendants. If no children, then half to the widow and the remainder to the next of kin. If no widow, all goes to children, and if neither widow nor children, all to the next of kin and their representatives. In the case of wife dying without children, one-half goes to the husband. Her separate estate, in case she leaves a husband and children surviving, is distributable in the same manner as is the property of a husband dying intestate.

X. EXECUTION:

May issue forthwith upon the signing of judgment, and remain in force for three years; and may be renewed. The execution binds the debtor's goods, and forms a lien on and binds his lands in the county to the sheriff of which the execution is directed, from the time of the delivery of the writ to the sheriff. Goods are to be disposed of before lands. The sheriff cannot sell lands within less than twelve months from the delivery of the execution to him. Executions are payable in the order in which they have been delivered to the sheriff, subject to the operation of the "Creditors' Relief Act" which provides for equal distribution among creditors whose writs are in the sheriff's hands within thirty days after levy.

XI. EXEMPTIONS:

Bed and bedding and wearing apparel of debtor and family, stove and furnishings, and other articles of household furniture to the value of one hundred and fifty dollars; fuel and provisions to the value of forty dollars; one cow, and some other domestic animals not exceeding in value seventy-five dollars in all, and feed for thirty days; the tools and implements ordinarily used in the debtor's occupation to the value of one hundred dollars, and fifteen hives of bees.

XII. HOMESTEAD:

Lands acquired under the "Free Grant and Homestead Act" are exempt from seizure and sale for debt for a period of twenty years from the date of location of land, when owned by locatee or his widow, heirs or devisees.

XIII. INTEREST:

Six per cent per annum is the legal rate of interest unless a greater rate has been agreed upon, which can be collected. Where no rate of interest has been agreed upon the legal rate only is recoverable. There are no usury laws in force. Banks cannot recover more than seven per cent on mortgages; and are entitled to six per cent per annum on overdue paper.

XIV. JUDGMENTS:

Any resident may be sued on a cause of action arising in a foreign country, and the plaintiff may sue either on a foreign judgment or the original cause of action. Where the service in the original foreign action has been personal, no defense that might have been set up to the original suit shall be pleaded to that brought on the original judgment. A judgment recovered against any person outside of the Province, even though it be in any other province of the Dominion, is a foreign judgment. A judgment 'stands for twenty years and may be renewed. Where a foreign judgment is sued upon, the action must be brought within six years, otherwise it will be barred by the statute of limitations.

XV. LIENS:

Mechanics, machinists, contractors, builders, architects, etc., are entitled to place liens on buildings for work done and materials furnished. The liens are registered in the local registry office during the progress of the building or within one month after completion or the furnishing of the material. Liens for wages can also be registered in like manner. All liens must be enforced within ninety days by action in the High Court of Justice or in the County or Division Courts. Mechanics are entitled to a lien upon a chattel for work thereon, and may sell the chattel after three months if the work is not paid for. If the chattel is delivered to the owner the lien ceases.

XVI. LIMITATIONS:

Actions on contracts, book accounts, notes and other instruments not under seal for arrears of rent and for interest on money charged on land, must be commenced within six years from the time right of action accrued, or payment on account, or acknowledgment of such indebtedness in writing. Actions of trespass, assault and battery, wounding and imprisonment, within four years; and of slander within two years next after the cause of action arose. Actions to recover money due upon a mortgage, or for money charged upon land, must be commenced within ten years from the accruing of the right to receive it, or the time of part payment, or acknowledgment in writing. Actions to recover land must be commenced within ten years.

Provision is made for parties being under disability, lunatics, minors, etc. Five years are allowed from the time of expiration of disability, or death, but twenty years bar all claimants.

XVII. MARRIED WOMEN:

Without marriage settlement, retain all their property free from debts and control of husbands. A woman married since March 2, 1872, may hold any property free from any estate or claim of her husband, during her life. Personal earnings of a married woman are protected. They may be held and disposed of as if she were a femme sole. She may hold stock and make deposits in banks, etc., draw checks in her own name, and make a valid will. Separate examinations in case of disposal of real estate are now unnecessary, and a judge may order that her husband's concurrence, in case he be a lunatic or living apart from her, may be dispensed with. Every married woman's separate estate is liable for any debt incurred by her before marriage. She may sue or be sued alone in respect of her separate property, or on contracts made with herself.

XVIII. MORTGAGES AND BILLS OF SALE:

Such deeds in order to be valid must be filed with the clerk of the County Court of the county within which the goods are situate, within five days from the day of execution by the mortgagor. There must be an affidavit proving such execution, and also of the mortgagee or bargainee proving the bona fides of the debt for which the mortgage or bill of sale was given. This affidavit should not be made until the instrument is executed. The goods covered by a chattel mortgage are subject to the landlord's priority for rent. A chattel mortgage will be void as against creditors and purchasers if not renewed from year to year by the filing of a statement exhibiting the interest of the mortgagee, and an affidavit showing that the mortgage has not been kept alive for any fraudulent purpose. In the case of real estate mortgages, the same formalities for execution and acknowledgment as for deeds are required. They can be enforced by foreclosure or sale, and to preserve priority must be registered in the proper office. After foreclosure or sale, there is no redemption.

XIX. NOTES AND BILLS:

No stamps are now necessary. The law in reference to these instruments is very similar to that prevailing in the United States. A demand draft is without days of grace. A sight draft is entitled to three days of grace. Notice of dishonor is necessary to hold the endorser, but not the maker. A bill or note falling due on a legal holiday (Sunday, Christmas Day, New Year's Day, Good Friday, Queen's Birthday, or any day made a holiday by royal proclamation) is payable on the following day.

XX. TAXES:

Lands are liable to be sold after three years for non-payment of taxes. One year from sale is allowed for redemption. The purchaser at tax sale, on redemption (within the year), is entitled to ten per cent interest in addition to the amount paid by him. Each tax collector may levy by distress upon the goods of the person liable to pay the taxes, or upon the goods of the occupant of the premises, except upon goods exempt from seizure under execution, and belonging to other parties, on consignment for sale only.

XXI. WILLS:

Every person of sound mind and over twenty-one years of age may make a will. It must be in writing and must be signed by the testator at the end, or in case he is incapacitated from writing, by some one acting on his direction. Two witnesses are necessary, who should be disinterested. Any devise or legacy to a witness is void, but the devisee or legatee is competent as a witness. The witnesses must sign the will in the presence of each other and of the testator. Marriage of the testator or testatrix revokes a will, except one made in the exercise of a power of appointment.

MINING.

I. ACTS:

The laws relating to mines, mining and mining regulations in this Province have been consolidated and are embraced in the "Mines Act, 1892," and the "Mines and Mining Lands Act, 1894."

II. CROWN TITLE:

Mines and minerals upon land located, sold or granted within the limits of the free grant territory are reserved from the location and are the property of the Crown.

In any letters patent for lands granted under the "Public Lands Act" for agricultural purposes after May 4th, 1891, mines, minerals and mining rights are reserved and are constituted a property separate from the surface of the soil, unless otherwise provided in the patent or grant from the Crown.

III. DAMAGES:

The "Mines Act, 1892," contemplates that the locatee on Crown lands, as well as the grantee or lessee, is entitled to compensation for injury or damage to the surface rights at the hands of the owner or lessee of the mining rights thereafter granted in respect of the same land, and it empowers the director of mines to order and prescribe the manner in which such compensation shall be assessed and awarded.

IV. SURFACE AND MINING RIGHTS:

Where the mines, minerals and mining rights are reserved to the Crown, the owner of any surface rights (if a patent has not been granted or applied for) may make application and shall have priority in respect of such application for a mining lease or grant thereof, upon payment to the department of the purchase money or rent. Valuators appointed by the Director of Mines shall settle disputes arising between the owner of the surface rights and the owner of the mine.

V. MINERALS ON CROWN LANDS:

Any person or persons may explore for mines or minerals on any Crown lands, surveyed or unsurveyed, and not for the time being marked or staked out and occupied as hereinafter mentioned.

Crown lands supposed to contain ores or minerals may be sold as mining lands or may when situate within a mining division be occupied and worked as "mining claims" under miners' licenses. Such lands so sold, when situate in unsurveyed territory or in townships surveyed into sections or lots, shall be sold in blocks to be called "mining locations," ("VII. Locations"), or may be leased ("VIII. Leases").

The Commissioner of Crown Lands is empowered to purchase not more than two diamond drills to be used in exploratory drilling for ores or minerals in the Province, under rules and regulations to be made by the Lieutenant-Governor-in-Council. The use of said drills is allowed to parties desiring the same in searching for mineral, upon application to the Bureau of Mines, and payment of certain charges.

VI. CLAIMS:

Any person holding a mining license ("IX. Licenses") shall have the right to stake out within the division mentioned in his license a mining claim on any Crown lands (not already licensed) by planting a wooden or iron picket at each of the four corners thereof. Mining claims shall be laid out uniformly and in quadrilateral and rectangular shapes, and the measurement of all such claims shall be horizontal and of the dimensions specified under "VII. Locations."

Inspectors shall keep books for recording mining claims, which books may be inspected by any person on payment of a fee of twenty cents, and every licensee who has staked out a mining claim shall within thirty days thereafter give notice thereof in writing to the inspector of the division wherein such is located.

The discoverer of a new vein shall be entitled to two mining claims if the discovery is distant (if on a known vein or lode) at least three miles from the nearest known mine or discovery on the same vein or lode.

A party wall fifteen feet thick shall be left between claims and shall be kept clear. Any person removing party walls is bound to construct a new mode of access to the water in no wise more difficult as an approach than the one destroyed by the removal of the party wall. No person shall remove or disturb any stake, picket, or other mark, placed as aforesaid, under penalty of twenty dollars and costs.

No person shall at the same time occupy more than one mining claim on Crown lands, except where mining claims have been rendered temporarily unworkable, in which case the inspector shall on the application of the licensee and on the receipt of one dollar, make an entry in the book to be kept by him of the cause or reason for the claim not being worked.

A mining claim shall be deemed to be forfeited and abandoned in case the annual rent thereof has not been prepaid, or if the mining claim remains unworked for the space of three months after the same has been first staked out, or remains unworked for the space of fifteen days after the expiration of the said three months.

VII. LOCATIONS:

In unsurveyed territory within the districts of Algoma, Thunder Bay and Rainy river, and that part of the district of Nipissing which lies north of the French river, Lake Nipissing and the Mattawa river, every regular mining location shall be rectangular in shape, and the bearings of the outlines thereof shall be due north and south, and east and west astronomically, and such location shall be of one of the following dimensions, viz: Eighty chains in length by forty chains in width, containing three hundred and twenty acres; or forty chains square, containing one hundred and sixty acres; or forty chains in length by twenty chains in width, containing eighty acres; or twenty chains square, containing forty acres.

Where a mining location in the unsurveyed lands in the territory aforesaid borders upon a lake or river, a road allowance of one chain in width shall be reserved along the margin of the lake or river, and the width of the location shall front on the road allowance, and the bearings of the other outlines of the location shall be due north and south, and due east and west astronomically; and the location shall otherwise conform to the requirements of the preceding paragraph as nearly as the nature of the land will admit. But the Commissioner of Crown Lands may, if public interest will not be prejudiced, specially direct that such reservation shall not be made in the case of any island or islands which contain not more than thirty acres.

In townships in the said territory, surveyed, or hereafter to be surveyed into sections or lots, every mining location after such survey shall consist of a half, a quarter, an eighth or a sixteenth of a section or lot as the case may be, but so that the area of such mining location shall not be less than forty acres. In all patents and leases for mining locations in the said territory, there shall be a reservation for roads of five per cent of the quantity of land granted. In the unsurveyed lands not situate within the limits of the said territory mining locations shall be as may be defined by order in council, but so that the area of any such location shall be not less than forty acres. Mining locations in unsurveyed territory must be surveyed by a provincial land surveyor; and be connected with some known point in previous surveys, or with some other known point or boundary (so that the tracts may be laid down on the office maps of the territory in the Department of Crown Lands) at the cost of the applicants, who shall be required to furnish with their application the surveyor's plan, field notes and description thereof, showing a survey in accordance with the act and to the satisfaction of the Commissioner of Crown Lands.

The price per acre of all Crown lands to be sold as mining lands or locations in the districts of Algoma, Thunder Bay, Rainy river and that part of the district of Nipissing which lies north of the French river, Lake Nipissing and the Mattawa river shall be: If in a surveyed township and within six miles of any railway, $3; if elsewhere in surveyed territory, $2.50; if within six miles of any railway but in unsurveyed territory, $2.50; and if situate elsewhere in unsurveyed territory, $2. The price per acre of all other Crown lands sold as mining lands or locations and lying south of the aforesaid lake and rivers shall be: If in a surveyed township and within six miles of any railway, $2; and if situate elsewhere, $1.50.

The grantee and owner of any mining location, or lot or parcel sold and patented under the preceding section shall, during the seven years immediately following the issue of the patent therefor, expend in stripping, or in opening up mines, in sinking shafts, or in other actual mining operations, where the quantity contained in the patent exceeds one hundred and sixty acres, four dollars per acre during the first seven years; and where the quantity contained in the patent is one hundred and sixty acres or less, five dollars per acre during the first seven years. The said expenditure may consist of labor actually performed by grown men at the rate of two dollars and fifty cents per day, or of payment therefor, or for explosives or other mining materials for use on the particular parcel of land. In default of such expenditure during the said period, the mines and minerals with the right of access thereto and removal therefrom, and all rights of mining upon, under or connected with any such lot or part or so much thereof as shall be owned by the person who has failed to make the expenditure in respect of the portion or parcel owned by him, shall upon the report of the Director of Mines that such expenditure has not been made, confirmed by an order of the Lieutenant-Governor-in-Council, revert to the Crown. But the grantee or owner shall retain all his other interest in the land or soil as agricultural land, distinct from the mines and minerals.

VIII. LEASES:

Instead of granting any mining lands in fee simple, the same may be leased or demised for a term of ten years with right of renewal for a further term of ten years

at the same rental, if the covenants and conditions have been performed and fulfilled. Unless otherwise provided the rental for the first year shall be one dollar per acre, and thereafter the sum of twenty-five cents per acre per annum payable in advance. Such lease may at the expiration of the second term (if conditions have been performed), be renewed for a term of twenty years, at such rental as the regulations shall provide, and so from time to time the same may be renewed at the expiration of every twenty years. There shall be expended in stripping and in opening up mines, or in sinking shafts, or in other actual mining operations, the same sum upon lands leased as is provided shall be expended in case of sales or grants, and within the same time and in default of such expenditure, the lease shall be forfeited and become void. The lessee may at any time during the demised term, upon the payment of all rent due and the performance of all covenants and conditions, become the purchaser of the lands demised to him, and in such case the sum paid as the first year's rental shall be treated as part of the purchase money. If default is made in payment of rent, the lease shall be forfeited and become void; but the lessee may defeat forfeiture by paying rent within ninety days from the date appointed for payment thereof.

The patents of all Crown lands sold as mining lands shall contain a reservation of all pine trees standing or being on said lands, which pine trees shall continue to be the property of Her Majesty, and any person holding license to cut timber or saw logs on such lands may at any time during continuance of such lease enter upon said lands and cut and remove such trees. The patentees and those claiming under them may cut and use such trees as are necessary for building, fencing, and fuel, on the land so patented, or for any other purpose essential to the working of the mines thereon; and may also cut and dispose of all trees in clearing the land for cultivation. All such timber cut for purposes of timber or saw logs shall be subject to dues.

IX. LICENSES:

The Director of the Bureau of Mines may, on payment of a fee of ten dollars, grant to the party applying for the same a license to be called a "miner's license." Every miner's license shall be in force for one year from the date thereof, and shall not be transferable, except with the consent of the Director of the Bureau of Mines; and only one person shall be named therein, who shall be called the licensee, and who, before the expiration of the license, or within not later than ten clear days thereafter, shall have the right to a renewal of the license by the director of the Bureau on payment to him of the like fee of ten dollars, or such other sum as may then be the fee fixed by law or regulation of a miner's license, but in the case of a remote mining division the Commissioner of Crown Lands may authorize and empower the inspector of the division to issue or renew such license. A miner's license shall not be renewed until after the payment of the fee of ten dollars. The licensee has power personally and not through another to mine according to the license, or the licensee may organize a company to work the claims acquired in right of such.

X. MINERAL BOUNTY:

The sum of twenty-five thousand dollars has been appropriated and set apart for the purpose of encouraging miners to open up and work the iron ore deposits of the Province, such moneys being designated and known as the "Iron Mining Fund." The Treasurer of the Province may, with the authority of and under such regulations as may be made from time to time by the Lieutenant-Governor-in-Council, pay out of the said fund, to the miners or producers of ore, upon all iron ores which shall be raised or mined and smelted in the Province for a period of five years from the first day of July, 1894, the equivalent of one dollar per ton of the pig metal product of such ores, subject to regulations governing said payments to be approved by the Legislative Assembly. Should a larger quantity of ore be raised, or mined and smelted in any one year than the sum of twenty-five thousand dollars will be sufficient to meet the payments upon at the rate aforesaid, then payments to the miners or producers thereof shall be made upon a pro rata basis, so that no more than twenty-five thousand dollars shall be paid for the production of ore in any one year.

XI. MINING COMPANIES:

Any mining company may from time to time dispose of shares and stock, at such times, to such persons, on such terms and conditions, at such premium or discount, and in such manner as the directors think advantageous to the company.

Where application is hereafter made to the Lieutenant-Governor-in-Council for the incorporation by letters patent, under "The Ontario Joint Stock Companies Letters Patent Act," of any company for mining purposes, such letters patent may, if the petition of the applicants so requires, contain a provision that no liability beyond the amount actually paid upon stock in such company by the subscribers thereto or holders thereof shall attach to such subscriber or holder. In such case every certificate of stock issued by the company shall bear upon the face thereof, distinctly written or printed in red ink, after the name of the company, the words: "Incorporated under Section Eighteen of an Act relating to Mines and Mining Lands," and where such stock is issued subject to further assessments, the word: "assessable," or, if not subject to further assessments the word: "non-assessable," as the case may be.

Every mining company, the charter of which contains the said provisions, shall have written or printed on its charter prospectuses, stock certificates, bonds, contracts, agreements, notices, advertisements, and other official publications, and in all bills of exchange, promissory notes, endorsements, checks, and orders for money or goods purporting to be signed by or on behalf of the company, and in all bills of parcels, invoices, and receipts of the company, immediately after or under the name of such company, and shall have engraved upon its seal, the words: "non-personal liability"; and every such company which refuses or knowingly neglects to comply with this provision shall incur a penalty of twenty dollars for every day during which such name is not so kept written or printed, and every director and manager of the company who knowingly and wilfully authorizes or permits such default shall be liable to the like penalty.

In the event of any call or calls on stock in a company so incorporated remaining unpaid by the subscriber thereto or holder thereof for a period of sixty days after notice and demand of payment, such stock may be declared to be in default, and the secretary of the company may advertise such stock for sale at public auction to the highest bidder, for cash.

No shareholder or subscriber for stock in any company so incorporated shall be personally liable for non-payment of any calls made upon his stock, beyond the forfeiture and sale in the event of non-payment of such calls, of the amount, if any, already paid on the stock held or subscribed for; nor shall such shareholder or subscriber be personally liable for any debt contracted by the company or for any sum payable by the company, beyond the amount, if any, paid by him upon such stock.

XII. MINES REGULATIONS:

The Lieutenant-Governor-in-Council may make such regulations as he deems necessary or expedient, for the appointment of arbitrators or mining boards to hear and determine appeals from the decisions of inspectors of divisions; for the prescribing, defining, and establishing the powers, duties, and modes of procedure of the arbitrators or mining boards; for the opening, construction, maintenance and using of roads through and over mining claims, mining locations or lands hereafter sold as mining lands; and for the opening, construction, maintenance and using of ditches, aqueducts, and raceways through or over such claims, locations or lands, for the conveyance and passage of water for mining purposes; and generally for the carrying out of this act; and such regulations, after publication in the Ontario Gazette, shall have the force and effect of law.

Provision is also made for the prevention of accidents; in regard to the giving notice of opening and abandoning of mines, and for fencing of abandoned mines. The act also defines the duties and powers of inspectors; provides penalties for obstructing inspector; and also provides general rules in regard to ventilation, gunpowder and blasting; spaces in horse roads, fencing of shafts, securing of shafts, safety from water, signaling, overhead covers, chains, hoisting machinery, inclination of ladders, gauges to boilers, and safety valves; and for all other general measures of safety.

XIII. RETURNS:

Returns are to be made by owners of mines and their agents on or before the first of December in every year, to the Bureau of Mines, showing correctly the number of persons ordinarily employed in or about such mine, the quantity in statute weight of the mineral dressed, and of the undressed mineral which has been sold, treated, or used during the year, and the value or estimated value thereof.

XIV. ROYALTIES:

All royalties, taxes or duties, which by any patent issued prior to May 4th, 1891, had been reserved, imposed, or made payable upon or in respect of ores or minerals extracted from the lands granted by such patents and lying within the Province are repealed and abandoned, and such lands, ores and minerals are henceforth free and exempt from every such royalty, tax, or duty; and all reservations of gold and silver mines contained in any patent issued prior to the date aforesaid, granting in fee simple lands situate within the Province, are rescinded; and all such mines in or upon such lands are deemed to have been granted in fee simple as part of such lands, and to have passed with such lands to the subsequent and present owners thereof in fee simple; but the above provisions are not to be construed to apply to lands patented under the "Free Grants and Homestead Act."

All ores and minerals mined, wrought, or taken from lands located, sold, and granted, or leased by the Crown on or after May 4th, 1891, are subject to a royalty to the

Crown for the use of the Province, reckoned at the following rates, whether such royalty be reserved in the grant, patent or lease, or not: 1. Silver, nickel, or nickel and copper, three per cent. 2. Iron ore, not exceeding two per cent. 3. All other ores, such royalty as shall be from time to time imposed by order-in-council, not exceeding three per cent. The royalty thus reserved is not imposed or collected upon any ores mined, wrought, or taken, until after seven years from the date of the patent or lease. All royalties must be calculated upon the value of the ores or minerals at the pit's mouth, less the actual cost of labor and explosives for mining, and raising the same to the surface.

The act of 1894 amends the above provision as follows: "There shall be reserved and payable to the Crown on ores and minerals taken from the lands located, sold, granted or leased after the first day of May, 1891, and on ores and minerals taken from all lands which may be hereafter located, sold, granted or leased by the Crown, until the first day of January, 1900, a uniform charge at the rate of two per cent on the ores mentioned in articles (1) and (2) and a charge of not more than two per cent on the ores mentioned in article (3), when imposed by order of the Lieutenant-Governor-in-Council, such charge to be calculated upon the value of the ore, less the actual cost of raising the ore to the surface and the subsequent treatment thereof for the market."

This provision does not apply to the mining lands which may be located, granted, sold or leased by the Crown from and after the first day of January, 1900; or upon or in respect of any mines thereon, or mineral which shall be mined, wrought, or taken therefrom, nor does it require the payment of any charge until after the expiration of the time provided for above, nor until after the expiration of the time, and in the case of original discovery of ores or minerals thus provided for: "Where the prospector or explorer who originally discovers valuable ore or mineral on or in a vein or lode, at least three miles from the nearest known mine or discovery on the same vein or lode, or in or upon a vein or lode theretofore unknown or undiscovered at a distance of one mile from any other known or discovered mine, lode or vein, and in the patent, grant or lease thereof such prospector or explorer is described as the original discoverer, the grantee or lessee, his excutors, administrators or assigns shall be exempt from paying royalty on any part of the ore, produce or profit of such mine to the Province for a term of fifteen years from the date of such patent, grant, or lease."

DIGEST OF THE

Commercial, Corporation and Mining Laws OF OREGON.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by ROBERT G. MORROW, ESQ., of the Portland Bar.

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COMMERCIAL LAW.

I. ALIENS:

An alien may acquire, hold, dispose of and in every respect control real property as if he or she were a citizen of this State. The laws of descent are the same for aliens as for residents and citizens. (Code, Section 2988.) A woman being an alien shall not be thereby barred of her dower (Code, Section 2974), but a woman residing out of this State shall not be endowed of any lands in this State unless her husband died seized thereof. (Code, Section 2974.)

II. ASSIGNMENTS:

No general assignment of an insolvent for the benefit of creditors is valid unless it be made for the benefit of all the creditors in proportion to the amount of their respective claims; and such an assignment discharges all attachments that have not proceeded to judgment when the assignment is filed. In these latter cases the costs and expenses of the attachment (which is generally considered to mean all the court expenses of the case) are paid as a preferred charge against the estate; and the claim sued upon is entitled, without further presentation, to share pro rata with other claims. In case of a general assignment for all creditors the assent of the creditors is presumed. (Code, Sections 3173, 3174.) The assignee must be a resident of the same county with the assignor. Every assignment shall be in writing, and shall be duly acknowledged and recorded as are conveyances of real estate. Upon application of two or more creditors, a meeting of the creditors may be held under the direction of the county clerk, and a new assignee elected. (Code, Section 3175.) Any creditor may claim debts not due as well as those that are due, but on debts not due a reasonable abatement shall be made where they are not drawing interest, and all claims presented within three months from the publication by the assignee of the notice of his appointment shall be paid in full before any other claims presented afterward. (Code, Section 3184.) If the estate pays fifty per cent of the indebtedness over and above the expenses of the assignment the assignor shall be freed from any liability on account of any unsatisfied portion of the indebtedness existing against him prior to the making of the assignment. (Code, Section 3187.) If, however, the creditor is a citizen of another state, and did not participate in the assignment proceedings, his claim is not affected. (Main vs. Messner, 17 Oregon, 78.) While no preferences can be made in the deed of assignment, the debtor can prefer one or more creditors by a chattel mortgage, or by transferring property in absolute payment of the debt.

III. ATTACHMENT:

The plaintiff, at the time of issuing the summons, or at any time thereafter, may have the property of the defendant attached as security for any judgment that may be recovered: 1. In an action upon a contract, expressed or implied, for the direct payment of money not secured by any lien, mortgage or pledge upon real or personal property, or if so secured, when such security has been rendered nugatory by the act of the defendant. 2. In an action upon a contract, expressed or implied, against a non-resident defendant. (Code, Section 144.)

Upon filing an undertaking of indemnity conditioned in favor of defendant for a sum not less than one hundred dollars, and equal to the amount for which judgment is demanded, the writ must be issued by the clerk; provided the plaintiff or some one in his behalf shall file an affidavit showing: 1. That the defendant is indebted to the plaintiff upon a contract for the payment of money. 2. That the payment of the same has not been secured by any lien, mortgage or pledge, or that the same was so secured, but that such security has been rendered nugatory by the act of defendant, or that defendant is a non-resident of the State. 3. That the sum for which the attachment is asked is an actual, bona fide, existing debt, and that attachment is not sought nor the action prosecuted to hinder, delay or defraud any creditor of the defendant. (Code, Section 146, and Laws 1895, page 58.)

All property not exempt is liable to attachment. Claims not due cannot be sued upon. An attachment not reduced to judgment is dissolved by a general assignment for creditors, but not by the death of the defendant. Attachment proceedings have no effect on the time for answering, which is fixed by law.

IV. CLAIMS AGAINST ESTATES:

The County Court has exclusive probate jurisdiction. Every executor or administrator shall forthwith publish a notice in a newspaper setting forth the fact of his appointment, and notifying all persons to present their claims, properly verified, at a place therein specified, within six months from the date of the notice; and all claims presented within that time will be fully paid before any that may be presented thereafter, and so on in periods of six months each. The executor must file accounts showing his conduct of affairs in April and October of each year. No suit or action shall be commenced

against an executor or administrator within six months of his appointment; and in no case until the claim sued on shall have been presented to and disallowed by such executor or administrator. If the claim be presented after the expiration of six months the executor or administrator shall be liable only to the extent of assets in his hands when the summons is served on him.

V. COURTS:

The Supreme Court has only appellate jurisdiction on appeal from the Circuit Courts, and this is without regard to the amount involved.

The Circuit Court (one in each county) has all the jurisdiction, both original and concurrent, not vested exclusively in some other court, and has appellate jurisdiction of County, Justice and Municipal Courts, and of street proceedings before city governments.

County Courts have exclusive original jurisdiction in probate matters, and concurrent jurisdiction with the Circuit Courts of law actions to the amount of five hundred dollars.

Justices' Courts have concurrent jurisdiction of civil actions to the amount of two hundred and fifty dollars, except where the title to real property is in question. These courts also have jurisdiction over actions to recover possession of mining claims situated within the county where the court is held.

VI. FEES:

Acknowledgment before notary public.....$1.00
Acknowledgment before justice..... .50
Acknowledgment before clerk of court, according to county, 25 cents or..... 1.00
Attachment: Depends on the county, but with mileage 10 cents, about..... 2.00
Appeal: No fees for appealing, but the cost of the necessary copies must be paid.
Commencement of suit in Justice Court, no statutory fee.
Commencement of suit in court of record, less than $500..... 5.00
Amount over $500.....10.00
Incorporation: Depends on the county and the length of the papers, usually not over $10.00.
Mandamus.....10.00
Probate.....10.00
Protest..... 3.00
Record: Different price per folio for different counties.
Sheriff: Contingent on the service and the county.
Transcription: Contingent.
Witness: In civil cases, in court of record..... 2.00
In Justices' Courts and before referees..... 1.50
Mileage..... .10

VII. DEEDS:

Deeds executed in this State must have two witnesses and must be acknowledged before any person authorized by law to take acknowledgments. A deed executed in any other state or territory may be executed according to the laws of such state, and be acknowledged before a commissioner for Oregon, a notary public, or before the clerk of a court of record, under their respective seals, without further certificate, but if the acknowledgment is taken before any other person it must have attached a certificate of a clerk of a court of record, under seal, that the acknowledgment is taken according to the laws of such state or territory. Deeds and mortgages must be recorded at once.

VIII. DEPOSITIONS:

In all affidavits and depositions the proceedings should be by question and answer. The questions must be written and attached to the commission, unless the parties agree to an oral examination in case of depositions taken out of the State. Depositions may be taken in this State on notice by oral interrogatories, and in all cases the testimony when reduced to writing must be read to or by the witness and by him subscribed.

IX. DESCENT:

Real property descends as follows: 1. In equal shares to children and their issue by right of representation. 2. If there are no children, to the other lineal descendants. 3. If there are no descendants, then to the husband or wife, as the case may be. 4. If there is no wife or husband, then to the father. 5. If there is no father, then to brothers and sisters and their issue by representation, but mother shares with them equally. 6. If there are no lineal descendants, no husband, nor wife, nor father, brother or sister, then to the mother to the exclusion of the issue of deceased brothers or sisters. 7. In the absence of all the foregoing, then to the next of kin in equal degree, those claiming through the nearest ancestor being preferred. 8. If the intestate shall leave one or more children and the issue of one or more deceased children, and any of such surviving children shall die under age without having married, all the real property that came to such deceased child by inheritance from such intestate shall descend in equal shares to the other children of such intestate, and to the issue of any other children of such intestate who shall have died, by right of representation. But if all the other children of such intestate shall be also dead, and any of them shall have left issue, such real property so inherited by such deceased child shall descend to all the issue of such other children of the intestate in equal shares if they are in the same degree of kindred to such deceased child; otherwise they shall take by right of representation. 8. If there are no lineal descendants or kindred, such real property shall escheat to the State.

Personal property is distributed as follows: 1. The widow shall have her apparel and ornaments, and property and provisions to support herself and minor children. 2. Debts and administration. 3. Residue to the persons entitled to the real property. 4. If there is a husband and issue, the husband gets half the residue. 5. If there remains a widow and issue, she gets half the residue. In case of no issue survivor takes all the residue. The degrees of kindred shall be computed according to the rules of the civil law, and the kindred of the half blood shall inherit equally with those of the whole blood in the same degree.

X. EXECUTIONS:

Execution may issue immediately after judgment and at any time within ten years thereafter. If ten years shall elapse without the issuance of an execution, the judgment shall be conclusively presumed to have been paid; but the issuance of an execution will prolong the life of the judgment ten years.

XI. EXEMPTIONS:

The following property is exempt if claimed before sale: Books, pictures and musical instruments owned by any person to the value of seventy-five dollars; necessary wearing apparel owned by any person to the value of one hundred dollars, and if such person be a householder, for each member of his family to the value of fifty dollars; the tools, implements, apparatus, team, vehicle, harness and library necessary to enable any person to carry on the trade, occupation or profession by which such person earns a living, to the value of four hundred dollars; also sufficient food for the team for sixty days. To a householder is also exempt ten sheep, two cows, five swine, three hundred dollars' worth of household goods, food for the stock for three months, and provisions for his family for six months, and a church pew. The earnings of a judgment debtor for personal services performed within thirty days next preceding the bringing of an action are also exempt. State, county, city, town or village property is exempt. No property of any kind exempt from executions for debt due thereon.

XII. HOMESTEAD:

The homestead of any family shall be exempt, provided it be the actual abode of and owned by the family or some member thereof. It must not exceed fifteen hundred dollars in value, or one hundred and sixty acres in extent, if not located in a town or city; if so located, it shall not exceed one block in extent. In no case, however, shall it be reduced to less than twenty acres, nor one lot, regardless of value. This does not exempt a homestead from being mortgaged, and sold under foreclosure.

XIII. INTEREST AND USURY:

The legal rate is eight per cent, though the parties may contract for ten. Usury, theoretically, works a forfeiture of the entire debt to the school fund, but the decisions of the courts do not favor it.

XIV. JUDGMENTS:

Unless appearance is made within ten days after service in courts of record, and within six days in Justices' Courts, judgment may be entered against the defendant. From the date of the docketing of a judgment such judgment shall be a lien on all the real property of the defendant within the county where it is docketed, or which he may thereafter acquire therein while the judgment remains in force. The lien expires at the end of ten years if no execution has been issued. Judgments in Justices' Courts are good for ten years, but cannot be enforced against real estate. They may, however, within one year from their rendition, be docketed in the Circuit Court, whereupon they become judgments of that court.

XV. LIENS:

Attorneys have a lien for services on papers and money of the client in their own hands on money in the hands of the adverse party, and on the judgment.

Mechanics, material men and contractors have liens for work done and materials furnished upon the land and buildings thereon on filing the required notice and bringing suit within six months.

Warehousemen have liens for storage and may retain possession to enforce payment for their reasonable charges.

Miners and material-men have liens for work or materials furnished to work or develop any mine, lode, mining claim or deposit of any kind, and for putting in shafts, drifts, tunnels or other excavations to drain or work any mine. Suit must be brought within six months from filing of the lien notice.

XVI. LIMITATIONS:

Actions for the recovery of real property must be brought within ten years; on express or implied contracts a statutory liability other than a penalty or forfeiture, for waste to real property, or for taking, injuring or detaining personal property, within six years; on judgments and decrees, ten years. The same rules apply to action in the name of or for the benefit of any state, county or public corporation. A part payment or a new promise revives a debt. If any person entitled to bring an action be when the right of action accrues under legal disability the time of such disability shall not be a part of the time limited for the commencement of the action, but the period within which action shall be brought shall not be extended more than five years by any such disability, nor shall it be in any case extended longer than one year after such disability ceases. (This entire section is carefully reviewed in Northrop vs. Marquam, 16 Oregon, 173.) If defendant be out of the State or concealed therein when the cause of action accrues, or if he afterwards leaves the State or conceals himself, the running of the statute is suspended. If the cause of action arose between non-residents, and is barred by the law of the place where the action arose by the lapse of time, it shall be barred here. On an overdue indebtedness the statute begins to run from the last payment of principal or interest.

XVII. MARRIED WOMEN:

The property and pecuniary rights of every married woman owned at the time of her marriage, or afterward acquired by gift, devise or inheritance, are not subject to the debts or contracts of the husband, and she may manage, sell, convey, or devise the same by will, to the same extent and in the same manner that her husband can property belonging to him. She may contract with her husband or others the same as a femme sole. Neither is liable for the debts of the other contracted before marriage.

XVIII. MORTGAGES:

Real estate is mortgaged with the same formalities required in the execution of deeds, and the instrument must be recorded within five days, or it will be void against subsequent purchasers in good faith and for a valuable consideration of the same real property whose conveyance shall be first duly recorded. Mortgages may be assigned or transferred by written instrument executed and acknowledged as are deeds and mortgages, and recorded. No release shall be effective unless made by the person who appears of record as the owner of the mortgage. (Laws 1895, page 55.)

Chattel mortgages must be filed within five days or they will be void as against subsequent purchasers and mortgagees in good faith; or the instrument can be recorded like a real estate mortgage. If the mortgage is only filed it must be renewed during the last thirty days of each year succeeding its filing by an affidavit of the mortgagee, his agent or attorney, setting forth the interest which the mortgagee has in the property under the mortgage. It is a penal offense to execute a bill of sale or a chattel mortgage upon goods not owned by the mortgagor.

XIX. NOTES AND BILLS:

No person within this State shall be charged as an acceptor of a bill of exchange unless the acceptance be in writing and signed by the acceptor or his lawful agent. Days of grace have been abolished. Checks, due bills, promissory notes, bills of exchange, and orders or agreements for the payment of money may be made or drawn by telegraph.

XX. SUITS.

The distinctions between forms of action are abolished. Every action must be brought in the name of the real party in interest, but a thing not arising out of contract is unassignable.

XXI. TAXES:

The rate of taxation is fixed by the county supervisors on the valuations fixed by the county assessors, and the county assessments are reviewed and equalized by the State Board of Equalization. Taxes are assessed on wills and all property of every kind not expressly exempted. Property sold for taxes may be redeemed within two years from sale by paying the tax, costs of sale, taxes paid in the meantime, and twenty per centum penalty.

XXII. WILLS:

All persons over twenty-one may dispose by will of both real and personal estate; those over eighteen can dispose of only personal estate. Neither dower nor curtesy can be cut off by will. The instrument must be in writing, signed by the testator, or by some other person under his direction and in his presence, and shall be attested by two witnesses, who shall subscribe their names in the presence of the testator and in the presence of each other. Any person not an inhabitant, but owning real or personal property in this State, may devise or bequeath such property by will executed and proved (if real estate be devised) according to the laws of this State, or (in case of personal property) according to the laws of either this State or the community where the will shall be proved. Copies of such will and of its probate shall be recorded in the same manner as wills executed and proved in this State, and shall be admitted in evidence in the same manner and with like effect. A legatee or devisee is not a competent witness to the execution of a will, unless he relinquishes all benefits thereunder.

CORPORATIONS.

I. ORGANIZATION:

Corporations are all formed under general laws, and not by special acts. Religious and benevolent societies are incorporated under Sections 3295-3319 of Hill's Code, and cemeteries under Sections 3320-3327.

Commercial corporations are organized by at least three persons, who must make and subscribe written articles in triplicate, the same being acknowledged like a deed, and file one copy with the Secretary of State and one with the clerk of the county where the business is carried on, or the principal office is located, retaining the third copy as part of the corporation records. The articles shall specify: 1. The name of the corporation, and its duration, if limited. 2. The business to be carried on. 3. The place where the principal office or place of business is to be located. 4. The amount of capital stock. 5. The amount of each share of the capital stock. 6. If the corporation is formed for the purpose of navigating any stream or other water, or making or constructing any railroad, macadamized road, plank road, clay road, canal, or bridge, then the termini of such navigation, road or canal or the site of such bridge.

After filing the articles of incorporation, the corporators open books and receive subscriptions to the capital stock. After one-half or more of the capital stock is subscribed, the stockholders meet and elect directors. Conditional subscriptions are not to be considered in determining whether the requisite amount of stock has been subscribed to authorize an election of directors.

II. POWERS:

The corporation has authority by the name assumed in the articles: 1. To sue and be sued. 2. To contract and be contracted with. 3. To have and use a corporate seal, and the same to alter at pleasure. 4. To purchase, possess and dispose of such real and personal property as may be necessary and convenient to carry into effect the objects of the corporation. 5. To appoint such subordinate officers and agents as the business of the corporation may require, and prescribe their duties and compensation. 6. To make by-laws not inconsistent with any existing law for the sale of any portion of its stock for delinquent or unpaid assessments due thereon. 7. In case the object or purpose for which any such corporation is incorporated is in whole or in part to construct, or construct and operate a railroad, to lease any part or all its road to any other company incorporated for the purpose of maintaining and operating a railroad, and to lease or purchase, maintain and operate any part or all of any other railroad constructed by any other company upon such terms and conditions as may be agreed upon between said companies respectively. Any two or more railroad companies whose lines are connected may perfect any arrangement for their common benefit to assist and promote the object for which they were created, provided that nothing in this act shall be construed to authorize the leasing of any railroad line to any company or corporation owning a road which forms a competing or parallel line to its railroad.

III. DIRECTORS:

No person is eligible to the office of director unless he is a stockholder and a resident of the State, and a director ceasing to be such stockholder or resident ceases to be a director, except that in corporations for the purpose of constructing railroads or military wagon roads, canals or flumes, or carrying on mining enterprises, or publishing newspapers, or conducting institutions of learning, a minority of the board of directors may reside out of the State. Directors must take an oath of office to faithfully and honestly discharge the duties of the office. The directors elect one of their own number president, and shall appoint a secretary (who need not necessarily be a director or stockholder), and such other officers as may be desirable. From the first meeting of the directors the powers vested in the corporation are exercised by them, and the only power left in the stockholders is the power to elect directors. The directors hold office for one year and until their successors are elected and qualified. The powers vested in the directors may be exercised by a majority of them, or any less number authorized by the by-laws of the corporation may constitute a quorum at all regular or stated meetings in all cases when either the directors or incorporators shall have filed with the Secretary of State and county clerk a written statement designating such less number sufficient to form a quorum.

IV. CAPITAL STOCK:

The stock in private corporations is personal property and subject to attachment, execution, levy and sale as such. All sales of stock, whether voluntary or otherwise, transfer to the purchaser all rights of the original holder, and subject such purchaser to the payment of any unpaid balance due on such stock; but if the sale be voluntary, the seller is still liable to existing creditors for the amount of said balance, unless the same be paid by the purchaser. A majority of the stock may, at any meeting of the stockholders called for that purpose, increase or diminish the capital stock, or the amount of the shares thereof, and may change the general place of business.

V. LIABILITY OF STOCKHOLDERS:

Stockholders are liable for the indebtedness of the corporation to the amount of their stock subscriptions only.

VI. DISSOLUTION:

A corporation failing to elect directors and commence the transaction of business within one year from the filing of the articles of incorporation, or ceasing to carry on business for six months, forfeits its corporate existence. A corporation may be dissolved by the directors pursuant to a vote of a majority of the stock at any meeting called for that purpose. All corporations, however dissolved, continue to exist as bodies corporate for five years thereafter, for the purpose of settling their affairs.

VII. SUPPLEMENTARY ARTICLES:

The directors may file supplementary articles of incorporation when authorized by vote of three-fourths of all the stock subscribed, for the purpose of engaging in business germane or cognate to the original objects or primary purpose of the corporation, or at any time when a seven-eighths vote of all the stock subscribed shall so determine, for the purpose of engaging in any new enterprise or pursuit not in violation of law.

VIII. EMINENT DOMAIN:

Corporations organized for constructing railways (except street railways for transportation of passengers), roads, canals, bridges, or pipe lines, or for opening or operating any mines or quarries, have the right to appropriate a right of way not more than sixty feet wide, besides a sufficient space for necessary shops.

IX. FOREIGN CORPORATIONS:

Upon complying with certain prescribed regulations as to depositing securities with the Secretary of State and filing a power of attorney, foreign fire or marine insurance, or express or brokerage corporations may engage in business within this State on even terms with domestic companies. Other foreign corporations can enter the State without special terms.

MINING.

I. CONSTITUTIONAL PROVISIONS:

The constitution provides that no Chinaman not a resident of the State at the adoption thereof shall hold or work any mining claim.

II. LOCATION AND RECORD:

Section 3827. Any person or company of persons establishing a claim on any quartz lead containing gold, silver, copper, tin or lead, or a claim or a vein of cinnabar, for the purpose of mining the same, shall be allowed to have, hold and possess the land or vein, with all its dips, spurs and angles, for the distance of fifteen hundred feet in length and three hundred feet in width on each side of such lead or vein.

Sec. 3828. To establish a valid claim, the discoverer or person wishing to establish a claim shall post a notice on the lead or vein, with name or names attached, which shall protect the claim or claims for thirty days; and before the expiration of said thirty days, he or they shall cause the claim or claims to be recorded as hereinafter provided, and describing as near as may be the claim or claims, and their location; but continuous working of said claim or claims shall obviate the necessity of such record. If any claim shall not be worked for twelve consecutive months after the first day of January next following the location thereof, it shall be forfeited and considered liable to location by any person or persons, unless the owner or owners be absent on account of sickness or in the service of their country in time of war.

Sec. 3829. Any person may hold one claim by location, as hereinafter provided, upon each lead or vein, and as many by purchase as the local laws of the miners in the district where such claims are located may allow; and the discoverer of any new lead or vein not previously located upon shall be allowed one additional claim for the discovery thereof; nothing in this section shall be so construed as to allow any person not the discoverer to locate more than one claim upon any one lead or vein.

III. ASSESSMENT WORK:

Section 3830. Every person or company of persons, after locating such claim or claims, shall, within one year next after the first day of January following the location or taking such claim or claims, work or cause to be worked the said claim to the amount of one hundred dollars for each and every claim; provided, that any person or company, either joint or incorporate, owning claims or any lead or vein, shall be allowed to work upon any one claim the whole amount required as above for all the claims, and thereby be exempted from working on the rest of his or their claims in said lead or vein; provided further, that when the individual, company or corporation, owning any quartz claim or claims shall file the affidavit of said owner or one of the members of the company or corporation with the county clerk of the county in which said claim is situated, to the effect that the amount of work required by this act has been performed on such claim (or if there be more than one claim, then on each of them), together with the affidavit of two disinterested persons to the same effect, with the addition "that they are not interested directly or indirectly in said claim or claims," such claims shall therefore be considered as real estate, and the title therein shall be vested in such person, company or corporation against all others, save the Government of the United States; and the improvements machinery and buildings thereon shall only be taxed as other property.

IV. MINING DISTRICTS:

Section 3831. It shall be the duty of the county clerk of any county, upon the receipt of notice of a miners' meeting organizing a miners' district in said county, with a description of the boundaries thereof, to record the same in a book to be kept in his office as other county records, to be called a "book of record of mining claims," and upon the petition of parties interested, he may appoint a deputy for such district, who shall reside in said district or its vicinity, and shall record all mining claims and water rights in the order in which they are presented for record, and shall transmit a copy of such record at the end of each month to the county clerk, who shall record the same in the above mentioned book of record, for which he shall receive one dollar for each and every claim. It shall further be the duty of said county clerk to furnish a copy of this law to his said deputy, who shall keep the same in his office, open at all reasonable times for the inspection of all persons interested therein.

Sec. 3832. Miners shall be empowered to make local laws in relation to the possession of water rights, the possession and working of placer claims, and the survey and sale of town lots in mining camps, subject to the laws of the United States.

V. DITCHES AND FLUMES:

Section 3833. Ditches used for mining purposes and mining flumes, permanently affixed to the soil, shall be and the same are hereby declared real estate, during the time the same shall be used for that purpose; provided, that whenever any person, company or corporation, being the owner or proprietor of any such ditch, flume or water right, have or shall abandon the same, and who shall for one year thereafter cease to exercise ownership over said water right, ditch or flume, and every company corporation or person who shall remove from this State with the intent or purpose to change his or their residence, and shall remain absent one year without using or exercising ownership over such water right, ditch or flume by a legally authorized agent, shall be deemed to have lost all title, claim or interest therein.

Sec. 3834. The laws relative to the sale and transfer of real estate, and the application of the liens of mechanic and laborers therein are hereby made applicable to said ditches and flumes; provided, that all interests in mining claims known as placer or surface diggings may be granted, sold and conveyed by a bill of sale and delivery of possession, as in case of the sale of personal property provided further, that the bills of sale or conveyance executed on the sale of any placer or surface mining claim shall be recorded within thirty days after the date of such sale, in the office of the county clerk of the county in which such sale is made, in a book to be kept by the county clerk for that purpose, to be called "the record of conveyances of mining claims."

Sec. 3835. Mortgages of interests in placer or surface mining claims shall be executed, acknowledged, recorded and foreclosed as mortgages of chattels.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF PENNSYLVANIA.

Compiled for the MINE, QUARRY AND METALLURGICAL RECORD by SIDNEY ROBY MINER, Attorney-at-Law (Mining Law), and RALPH H. WADHAMS, Attorney-at-Law (Commercial and Corporation Law), Wilkes-Barre, Pennsylvania.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

All bargains and sales, deeds and conveyances of lands, tenements and hereditaments may be recorded in the recorder's office of the county in which said lands lie. But before being recorded, they must be acknowledged before one of the judges of the Supreme Court, or before one of the judges of the Court of Common Pleas, or recorder of deeds, Prothonotary or clerk of any court of record, justice of the peace or notary public of the county wherein the lands lie. Acknowledgments may also be taken before any notary public in any state or territory, or in any foreign country according to the forms required by the laws of Pennsylvania relative to acknowledgments or probate, duly certified under the seal of office of such notary public. A married woman must join in the acknowledgment with her husband, but must be examined, and must acknowledge the deed, separately and apart from her husband.

II. ALIENS:

Aliens may purchase and hold real estate in Pennsylvania not exceeding in quantity five thousand acres, nor of net income twenty thousand dollars. Aliens may dispose of such real estate by testament, donation or otherwise. Real estate of aliens shall not escheat or be forfeited to the commonwealth: Provided: That nothing shall be construed to prevent sequestration of real or personal estate of an alien, during the continuance of a war between the United States of America and the state or municipality of which such person may be a citizen or subject.

III. ASSIGNMENTS:

An insolvent debtor can make a voluntary assignment for the benefit of all his creditors, which is void unless recorded within thirty days after the execution thereof. When the assignment affects real estate it must be recorded in every county where such real estate is located. The assignee must file an inventory and appraisement within thirty days after the execution thereof, and give a bond with two sureties in double the amount of the assignment. He must also file an account of his administration of the assigned estate in the office of the Prothonotary of the Court of Common Pleas, whereupon said court shall refer said account to an auditor to hear claims and award distribution of the fund. All claims must be presented before the said auditor or they will be debarred from participation in said fund. A winding up of an assigned estate and payment of a dividend by the assignee does not relieve or discharge the debtor, except to the extent of a payment on account.

Insolvent debtors may prefer by confession of judgment or voluntary transfer of property, unless the same is done for the purpose and with the intent to hinder and defraud other creditors.

A landlord is a preferred creditor to the extent of one year's rent. Wages of miners, mechanics and laborers are preferred claims against a chartered company to the extent of two hundred dollars.

IV. ATTACHMENTS:

Under the Act of March 17th, 1869, and the amendment thereto by Act of May 28th, 1887, the property of resident debtors may be attached; before judgment, upon proof by affidavit that the defendant is about to remove his or her property out of the jurisdiction of the court, with the intent to defraud his or her creditors; or that said defendant has evidence of debt or money, property rights in action or interest in any public or corporate stock which he or she fraudulently conceals; or that said defendant has assigned, disposed of, or removed, or is about to do so, any such property, rights, stocks, or evidences of debt, with intent to defraud his or her creditors; or that the debtor fraudulently incurred the obligation for which the claim is made. This statement is founded on affidavit of plaintiff proving the existence of his debt, and alleging one or more of the acts of fraud above specified.

A bond with security approved by the court must be entered before writ can issue, conditioned for the payment of all legal costs and damages that the debtor may sustain in case plaintiff fails to prosecute his attachment with effect, and to recover a judgment against the debtor. Attachments of defendant's property in the nature of an execution may issue at any time after judgment. Property of non-resident debtors may be seized under a writ of foreign attachment, on entering security as above specified.

V. CLAIMS AGAINST ESTATES:

All debts owing by any person within this State, at the time of his decease, shall be paid by his executors or administrators, in the manner and order following: 1. Funeral expenses, medicine furnished, medical attendance given during the last illness of the decedent, and servants' wages for a period not exceeding one year preceding. 2. Rents, not exceeding one year preceding. 3. All other debts without regard to quality of same; except debts due the commonwealth, which shall be last paid.

No executor or administrator shall be compelled to pay any debt of a decedent, except such as are by law preferred to rents in the order of payment until one year be fully elapsed from the granting of the administration of the estate.

VI. COURTS:

Courts of record are: 1. The Courts of Common Pleas, having a general jurisdiction over civil suits. 2. The Orphans' Courts, having a general jurisdiction over decedents' estates. 3. The Courts of Quarter Sessions and Oyer and Terminer and General Jail Delivery, having a general jurisdiction over criminal prosecutions. 4. The Superior Court, having a limited appellate jurisdiction. 5. The Supreme Court, having a final appellate jurisdiction.

Courts not of record are Justice Courts, having a jurisdiction of civil proceedings not involving questions of title to land, trespass on the case, or property over three hundred dollars in value; also having power to commit criminals to jail or bind them over to appear at Criminal Courts.

VII. FEES:

Acknowledgment before notary public	$ .25
Acknowledgment before justice	.25
Acknowledgment before clerk of court	.25
Attachment	1.75
Appeal from Justice Courts: costs and	1.25
Commencement of criminal suit in Justice Court	.50
Commencement of civil suit, by summons	.25
Commencement of civil suit, by capias	.50
Commencement of suit in court of record	1.50
Incorporation: charter	25.00
Mandamus	2.00
Probate, and letters of administration	1.25
Protest: notary	1.00
Damages, inland, 5 per cent; foreign, 10 to 20 per cent.	
Record: each 500 words or fraction thereof	.50
Redemption of mortgage, interest to date: Satisfaction fee	.20
Where foreclosed, costs and attorney's fee, as specified in instrument.	
Sheriff: for serving writ of summons	1.00
Each additional defendant	.50
Transcription from record: each 500 words or less	.75
Witness: mileage each way 3 cents, and per day	1.00

VIII. DEEDS:

All deeds for lands, tenements and hereditaments shall be acknowledged by the grantor or grantors, or proved

by one or more of the subscribing witnesses thereto, before one of the judges of the Supreme Court or Court of Common Pleas, recorder of deeds, Prothonotary, or clerk of any court of record, justice of the peace, or notary public of the county wherein the conveyed lands lie; and shall be recorded in the office of recording of deeds of the county wherein such lands lie within ninety days after the execution of such deeds or conveyances. If not so recorded, they are fraudulent and void as against any subsequent purchaser or mortgagee for a valuable consideration.

A deed must be acknowledged by a married woman, separate and apart from her husband.

IX. DEPOSITIONS:

Rules to take depositions to be read in evidence, of ancient, infirm and departing witnesses, on the usual terms, are of course, and may be entered by either party, stipulating a reasonable notice to the adversary. Depositions may also be taken in other cases, in accordance with the rules of court as to notice. The rules of court in many counties also specify the manner in which the depositions shall be taken.

X. EXECUTIONS:

Executions may be issued as soon as judgment is obtained or at any time within five years. They may issue at any time up to five years from the day judgment was rendered, but after the expiration of that time cannot issue except after a revival of that judgment by a scire facias. Under the act of 1887 an execution can issue simultaneously with the scire facias.

Personal property is bound by the execution from the time of its delivery to the sheriff, but an execution issued by a justice of the peace does not bind until the levy is actually made.

When the execution is against goods on leased premises, the landlord's claim for rent, not exceeding one year prior to time of levy, and the claims of miners, mechanics, laborers or clerks employed by the lessees are first entitled to payment out of the proceeds of the sale. Attachment executions may be had against debts due defendant.

Stay of execution upon suits in court can be taken by giving security, or under claim of freehold: on all sums of two hundred dollars and under, six months; between two hundred dollars and five hundred dollars, nine months; over five hundred dollars, twelve months. In suits before justices of the peace, on sums between five dollars and thirty-three cents and twenty dollars, three months; between twenty dollars and sixty dollars, six months; and over sixty dollars, twelve months.

XI. EXEMPTIONS:

No homestead law. Real or personal property to the value of three hundred dollars, in addition to wearing apparel, Bibles and school books, and a sewing machine, are exempt, but the privilege is only personal and can be waived at any time.

XII. INTEREST AND USURY:

The legal rate of interest is six per cent. Usurious interest cannot be collected, provided suit is brought therefor within six months after final payment of the debt. Interest is due upon every debt from the time it becomes due and payable. The rate is the same on all debts, whether secured by judgment or not.

XIII. JUDGMENTS:

Judgments are a lien upon all the interest of defendant in real estate situate within county where judgment is entered. The lien exists for five years, and may be continued by revival of the judgment. Justices' judgments become liens by filing transcripts in the office of the Prothonotary of the Court of Common Pleas.

XIV. LIENS:

All buildings, mines, iron-works, bridges, etc., are liable to a lien for the materials used in their erection, alteration, improvement or repair, or furnished under contract with the owner or his contractor; but no lien for repairs may be filed without notice of intention to file the same, given when the work begins, nor for less than twenty dollars. The lien also covers the ground on which the improvement stands, and so much more contiguous as is necessary for reasonable use. If materials are supplied under a contract made with a tenant, the written consent of the owner is needed to make the claim valid. The lien takes precedence of every other incumbrance attaching after the commencement of the building. If a husband erects a building on his wife's land with her knowledge or consent, a lien will attach for the materials, but must be filed against both husband and wife.

To effect the lien a claim therefor must be filed in the office of the Prothonotary of the Court of Common Pleas within six months after the materials were supplied. Such claim must set forth the name of the lien claimant, of the owner, of the contractor, architect or builder (if the contract was made with such person), the amount claimed, the materials furnished, the dates when furnished and the prices, the locality, and such a description of the building or alterations as shall be sufficient to identify it.

The lien is enforced by the issuance of a writ of scire facias to compel payment by sale of the property. This may be done within five years from the time the materials were furnished, but if judgment is not obtained within five years from the issuance of the writ the lien is lost. Agreements between the owner and contractor bind subcontractors, and a stipulation that no lien shall be filed will be enforced.

[Note.—The State of Pennsylvania has many local laws respecting corporations, mines and liens for materials. Some of them only apply to one or two counties. To attempt to give a statement of these many and varied local laws would serve no useful purpose.]

XV. LIMITATIONS:

Contracts, notes and instruments not under seal, trespass, detinue, replevin, six years; action for trespass to person, two years; for slander, one year; judgments, mortgages and sealed instruments will be presumed to be paid after twenty years, but this presumption may be rebutted.

XVI. MARRIED WOMEN:

Property owned by a wife at the time of her marriage, or which may accrue to her during her coverture, may be held and enjoyed by her, as her own separate property, and it is not liable for the debts of her husband. She cannot, however, mortgage, sell or convey her real estate without the joinder of her husband. She may transfer stocks and bonds of any corporation, and keep a bank account and draw money in her own name, on her own check, without the consent of her husband. She may acquire and dispose of property, in any trade or business in which she may engage, or for necessaries, and has the right and power to make contracts and give obligations binding herself therefor.

She can sue and be sued and her husband need not be joined with her as plaintiff or defendant in any action brought by or against her in her individual right. She cannot, however, become an accommodation indorser, guarantor or surety for another. A married woman may dispose of her property by will the same as if she were unmarried.

Where an intestate leaves a widow and issue, the widow is entitled to one-third of the income of the real estate, during her life, and one-third of the personal property absolutely. Where he leaves a widow and no issue, the widow is entitled to one-half the income of the real estate, for life, and one-half part of the personal property absolutely. A widow may take statutory dower in contravention of any will left by her husband.

XVII. MILLS:

By the common law every person had a right to have a mill on his own land, so long as he did not injure his neighbors and did not divert the water from its natural channel. The statute gives to persons owning lands adjoining navigable streams, which are public highways (except the Delaware, Lehigh and Schuylkill), the right to have milldams adjoining their own lands, and lead off as much water as they need, but not so as to impede navigation or the passing of fish, nor so as to infringe private rights.

XVIII. MORTGAGES:

Mortgages are executed and acknowledged in the same manner as deeds, and the lien commences from the time of recording, except when given for purchase money, in which case the mortgage is a lien as regards the mortgaged land from its date, if recorded within sixty days. Chattel mortgages may be given on mining property, lumber, petroleum, iron and other articles specified; must be for not less than one hundred dollars; and must be filed of record.

XIX. NOTES AND BILLS:

Bills of exchange and notes, drawn in the usual form, are recognized as commercial paper. Days of grace are now abolished by act of assembly. Paper falling due on Sunday or a legal holiday shall mature and be deemed due the next secular business day thereafter, provided that they shall not be protested on any Saturday, but must be protested on the next secular business day. Legal holidays are: National thanksgiving days, all general election days, first day of January, twenty-second of February, Fourth of July, twenty-fifth of December, and the first Monday in September.

XX. SUITS:

Suits may be commenced at any time. All writs and summons are returnable on certain days set by rule of court; and in default of an appearance and affidavit of defense, within a prescribed time, judgment may be entered against defendant.

XXI. TAXES:

Seated lands may be sold for taxes two years delinquent (and unseated lands may be sold for taxes one year

delinquent), and are redeemable within two years by payment of taxes and costs and twenty-five per cent thereon.

XXII. WAGES:

Suits for wages of manual labor are placed first on trial list in the Court of Common Pleas.

The exemption of the wages of manual labor from attachment cannot be waived. They are exempt for a board and lodging not exceeding four weeks. (For priority in execution see "V. Claims against Estates," and "Corporations.")

Wage-workers must be paid in full, in money, twice in each month. Mining and quarrying companies may not permit, authorize or direct the withholding of wages due employes for the payment of store bills, except in obedience to process of law, and no assignments of future wages are valid. Wages due to the amount of two hundred dollars are a lien upon real and personal property to the extent of the interest of the employer, and are preferred and must be first paid out of the proceeds of a sale of such property. Such claim cannot become a lien upon real estate, unless filed in the Prothonotary's office of the proper county, within three months after the same becomes due. No voluntary assignment for the benefit of creditors may delay a claim for wages more than thirty days.

XXIII. WILLS:

Every person of sound mind may dispose of his or her real estate, whether the same be held in fee simple, or for the life or lives of any other person or persons, and whether in severalty, joint tenancy or common, and also his or her personal estate. Provided: That no will shall be effectual unless the testator was at time of making the same, of the age of twenty-one years or upwards, at which age the testator may dispose of real as well as personal or mixed property, if in other respects competent to make a will. Every will shall be in writing and where the person making same is prevented by the extremity of his last sickness, shall be signed by him at the end thereof, or by some other person in his presence and by his express direction, and in all cases shall be proved by the oaths and affirmations of two or more competent witnesses, otherwise such will shall be void and of no effect. A nuncupative will is good where made in the extremity of last sickness. If the sum or value bequeathed exceed one hundred dollars, it must be proved that the testator, at time of pronouncing bequest, bid the persons present, or some of them, to bear witness that such was his will, or to that effect; and in all cases the foregoing requisites shall be proved by two or more witnesses who were present at the making of such will.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

The constitution in effect January 1, 1874, provides:

1. That no local or special laws shall be passed by the General Assembly (either directly or by partial repeal of general laws) affecting liens, changing the law of descent, fixing the rate of interest, providing or changing methods for the collection of debts, regulating trade, mining or manufacturing, incorporating ferry or bridge companies except for the erection of bridges crossing streams which form boundaries between this and other states), creating corporations, amending, renewing or extending their charters, or granting them any special or exclusive privilege or immunity, or the right to lay a railroad track; or any laws to limit the amount to be recovered for injuries to person or property, nor the time within which suits may be brought against corporations, which time is the same as that fixed by general laws for similar actions against natural persons, to wit, six years.

2. That the State may not surrender or suspend its power to tax corporations or corporate property, nor authorize municipalities to become stockholders in, furnish money for or loan credit to any corporation.

3. That municipal corporations may not incur indebtedness exceeding seven per centum upon the assessed value of their taxable property; and when they do incur indebtedness, must lay a tax sufficient to pay off said indebtedness, with interest, within thirty years.

4. That a corporation is subject to the right of eminent domain and may not infringe the rights of individuals or the general well-being of the State; nor engage in any business not expressly authorized by its charter; nor hold more real estate than is necessary and proper for its legitimate business; nor issue stocks or bonds except for money, labor done, or money or property actually received; nor increase its stock or indebtedness except in pursuance of general law, nor without the consent of the holders of the larger amount of stock, obtained at a meeting held after sixty days' notice, according to law. All provisions increase of stock or indebtedness is void.

5. That in all elections of directors or managers of corporations incorporated since the adoption of the constitution, each shareholder may either cast the whole number of his votes for one candidate, or divide them as he may prefer.

6. That just compensation must be given for property taken by the right of eminent domain, or taken, injured or destroyed by the construction or enlargement of the works of corporations, highways or improvements, such compensation to be paid or secured before such taking, injury or destruction; and the General Assembly may not deprive any person of appeal from any preliminary assessment of damages, but on demand of either party they shall be determined by a jury.

7. Foreign corporations must have in this State at least one known office, and one agent on whom process may be served.

8. That banking laws must provide for the registry and countersigning, by an officer of the State, of all notes or bills designed for circulation, and for the depositing of ample security for their redemption; and no banks shall be chartered for more than twenty years, nor without three months' previous notice, at the intended location, of the intention to apply for such charter.

9. That any association for the purpose, or any individual, may construct and maintain telegraph lines and connect the same with other lines, to be regulated by reasonable and general laws, but no telegraph company may consolidate with or gain control of any competing line.

10. That the General Assembly may alter, revoke or annul any charter when they deem it injurious to the citizens of the State, but not so as to do injustice to the corporators; but no law enacted after the adoption of the constitution shall create, renew or extend the charter of more than one corporation.

11. That associations for the purpose may construct and operate railroads and connect the same at the State line with railroads of other states, and intersect, connect with or cross other railroads, and must receive and transport each other's cars, loaded or empty, without delay or discrimination. Railroads and canals must be public highways, and all railroads and canal companies common carriers. Those organized in this State must keep their books therein, open to the inspection of stockholders and creditors and for the transfer of stock.

12. That undue discrimination by common carriers is forbidden; freight and passenger charges, except for commutation and excursion tickets, must never be greater for any given distance than for a longer one, and no passes shall be given to any except officers or employes.

13. That no railroad or canal company may consolidate with or gain control of any competing line; and no officers or agents may have any interest in contracts for materials or supplies.

14. That common carriers may not engage in any other business, nor hold more real estate than is necessary for their business; but any mining or manufacturing company may own a canal or railroad, not more than fifty miles in length.

15. That street railways may not be constructed without the consent of local authorities.

II. CLASSES:

Corporations are divided, according to the purposes of their formation, into two classes: The first class, not for profit, which may hold real estate, the yearly income whereof does not exceed thirty thousand dollars; and the second class (including mining, quarrying and similar companies), for profit.

III. ORGANIZATION:

1. Charters of intended corporations must be subscribed by at least five persons, three of them citizens of the commonwealth; and set forth the name, purpose, term of existence, place of business, number and names of directors of the first year, and names, addresses and number of shares of subscribers.

2. Notice of intention to apply for a charter of the first class, of the objects thereof, and the time and place of intended application must be published in two newspapers of general circulation of the proper county for three weeks, and the petition acknowledged before the recorder of deeds or a notary public, by at least three of the subscribers.

3. The petition must then be presented to a law judge of said county, with proof of publication, and upon examination, approval and indorsement be recorded, with his decree of approval, in the recorder's office.

4. Certificates of corporations of the second class (except building and loan associations) must, in addition, set forth the amount of capital stock, and number and par value of shares, the name and address of the treasurer, and the fact that ten per cent of the capital stock has been paid in cash to him; and the three subscribers making the acknowledgment shall also make an oath or affirmation, to be indorsed on the certificate, that the statements therein contained are true.

5. Certificates must next be presented to the Governor of the State in the same manner in which those of the first class are presented to the judge, and in the same manner approved by him; whereupon letters patent shall issue in the name of said corporation. The original certificate must be recorded in the office of the secretary of the commonwealth (on the payment of $5), and in the recorder's

office of the proper county, and an abstract thereof furnished to the auditor-general, to be recorded in his office. 6. Purchasers at judicial sales of the property and franchises of corporations are invested with the same, on condition that said purchasers accept Article XVI of the constitution, meet and organize within thirty days of such sale, and furnish a certificate containing the date of organization, name and other facts concerning the new corporation to the Secretary of State for record in his office. 7. Executors and trustees may, with the consent of the beneficiaries, either by themselves or with others, organize second-class corporations.

IV. RENEWAL AND AMENDMENT OF CHARTERS:

1. Charters may be renewed in the same manner in which new ones are granted, but must set forth the fact of renewal, the name of the corporation, the date of the original charter, a certificate under the corporate seal showing the consent of a majority in interest, its financial condition, its acceptance of the provisions of the constitution and the statute, and its surrender of all privileges granted by the original charter not given to corporations of its class by law. 2. First-class corporations may be consolidated and their charters amended by decree of the Court of Common Pleas of the proper county, upon examination and approval by said court. 3. Charters of second-class corporations may be amended by letters patent, to be issued by the Governor, and recorded in the office of the secretary of the commonwealth, after notice of their intention has been published in two newspapers of the proper county, once a week for three weeks, setting forth the character and objects of the amendments; and a certificate, setting forth as aforesaid, has been examined and approved by the Governor. But the charters of gas and water companies may not be altered so as to encroach upon territory covered by any other similar company.

V. POWERS:

1. To have succession by their corporate name, perpetually, or for the period named in their charters. 2. To maintain and defend judicial proceedings. 3. To have and use a common seal, to be altered at pleasure. 4. To deal in real estate, within certain limits. 5. To appoint and remove subordinates, and arrange their compensation. 6. To enter into any obligations necessary to the transaction of their ordinary affairs. 7. To make by-laws (not inconsistent with law) prescribing times and places of meeting, powers and duties of officials, and penalties for the breach of the latter, not exceeding twenty dollars. 8. To issue certificates of stock under the corporate seal, signed by the president and countersigned by the treasurer, transferable subject to payments due thereon, with all the rights, liabilities, etc., of the original holders, but stockholders indebted to a corporation may not transfer their stock without the consent of the directors. 9. To issue preferred stock, and to issue deferred and paid-up stock in payment or exchange for real and personal property, but when stock is given for property it must be so stated in the certificate. 10. To lay assessments upon shares not to exceed the amount at which such shares were originally limited. 11. To increase the capital stock (after the amount thereof is fully paid in) to the amount of thirty million dollars, by a vote, by ballot, of the stockholders, at a meeting held (after notice published once a week for sixty days) at the chief office in the State, called by resolution of the board of directors. If the vote be in favor of increase, return must be made, under oath, to the auditor-general, and to the secretary of the commonwealth to be recorded in his office. 12. In case of second-class corporations, to reduce their stock in the manner provided by law, or change its par value, or entirely dispose of their stock to other corporation; but no corporation, except iron, steel and oil mining companies, may buy stock of other corporations, except iron or steel companies, or hold the same, except as collateral security for a prior indebtedness, and no other corporation shall hold the majority of stock of any common carrier. 13. To borrow money (at not more than six per cent interest) by issuing bonds, secured by mortgages to trustees for bondholders to an amount not exceeding (except in certain classes of corporations having power to borrow to the amount of double their stock) one-half of the capital stock paid in. 14. To change, by election, the location of the principal office within the limits of the commonwealth. 15. To invest their surplus or other funds in certain specified securities. (Act of March 31, 1868, Section 1.) 16. To surrender any of their powers or to be dissolved on approval and by decree of court. 17. To have special policemen appointed by the Governor. 18. In case of exhibition companies, to mortgage all their property and franchises; chattel mortgages to be acknowledged, recorded and sued out the same as those on real estate, and if such property and franchises be sold, the purchasers to have the same rights, etc., as the original companies. 19. In case of corporations specially authorized by law (such as railroad and canal companies), to take land by the right of eminent domain. 20. In case of ship-building companies, to increase their capital stock to the amount of five million dollars, and receive necessary property in payment thereof. 21. A recent act of assembly gives corporations of the first class (not for profit) the right to issue stock to the amount of two hundred and fifty thousand dollars in shares of the par value of fifty dollars.

VI. ELECTION OF OFFICERS:

1. Corporations must have a board of directors or trustees (one of whom must be president), a clerk, a treasurer, and such other officers as they choose; the directors to be elected annually, by the stockholders or members, and the time and manner of choice of directors and other officers to be regulated by the by-laws. A majority of the directors shall always constitute a quorum.

2. Officers conducting corporation elections shall take an oath and be subject to the same penalties for its violation as the general election of officers of the commonwealth, and an election held by an officer not so sworn may be set aside and a new election ordered.

3. All elections must be by ballot, each share representing one vote; the stock books shall be evidence of the right to vote, and the beneficial owner be preferred to the one in whose name the stock stands.

4. In case of vacancies, in any offices, the remaining directors may fill the same till the next election.

VII. LIABILITY OF STOCKHOLDERS:

Except in corporations specially provided for by statute, stockholders are individually liable for labor done for corporations, to the amount of the stock they hold, but only when the property of the corporation in the county is not sufficient to satisfy the claims; and holders of paid-up stock are not liable for more than six months' wages.

VIII. DAMAGES:

Damages for property taken must be assessed by five viewers appointed by the Court of Common Pleas, upon whose award judgment shall be entered when approved by said court; but in case of failure to agree, the corporation may give a sufficient bond for the payment of damages, whereupon the right to take possession immediately vests in said corporation.

IX. ACTIONS:

1. Notices and process may be served upon the president or other principal officer, cashier, treasurer, secretary, chief clerk or toll gatherer, of any corporation, or, in their absence from the county, upon the agent, and in case of railroads, process may be served upon any manager or director. 2. Corporations having their principal offices out of this State may be sued in any county where their works or real estate are located, or in which any officer or director may reside, and process may be served on such officer or director by publication of a copy of the process for six weeks before return day. 3. The sheriff of any county where any corporation has property, but no officer or agent, may serve process upon such corporation in any other county. 4. In cases where judgment is rendered against a corporation, and no goods are found to levy upon, and the plaintiff suspects such corporation of having concealed the same to avoid execution, the court in which the judgment was obtained will issue a citation to the officers of said corporation to answer interrogatories, and, if property be found, a writ of sequestration. 5. Writs of execution against corporations may be executed without stay, in any county, and upon franchises besides the property ordinarily subject to levy. 6. Corporations having suspended business, or made a transfer or assignment at time of or after service of process, are excluded from the statute of limitations. 7. Corporations may be restrained by injunctions, in case of injury to private or public rights.

X. FORFEITURE:

Any corporation failing to begin, in good faith, to organize and carry on the business for which it was chartered, and pay up at least one-fourth of its capital stock within two years, and to finish its works within five years, from the date of issuing the letters patent (except when the time is extended by the court), or which, after organization, neglects to use its privileges for five years, thereby forfeits its charter; and the attorney-general is bound to proceed against such corporation, except bridge companies, on the application of any citizen.

XI. BONUS:

All corporations of the second class, except turnpike, bridge and cemetery companies or building and loan associations, shall pay to the State Treasurer a bonus of one-quarter of one per cent upon the amount of the capital stock, and in case of increase of such stock, the same corporations and also all first-class corporations, not for literary, charitable or religious purposes, must, unless otherwise provided by their charters, pay a like bonus on such increase:

XII. TRANSFER OF STOCK:

The capital stock of corporations is transferable on the books; may not exceed one million dollars in the first instance; and must be divided into shares of not more than one hundred dollars each, to be deemed personal property. And no shares are transferable until all previous calls thereon are paid, or until forfeited for non-payment thereof. In case of default in payment of subscriptions,

one and one-half per cent a month additional may be collected by the directors, by suit at law, or the stock of the subscribers in arrears may be resold by the directors. No note or other obligation given by a stockholder may be accepted in payment of capital stock, and subscribers in arrears within thirty days preceding an election may not vote at such election.

Capital stock of manufacturing companies (except brewers or distillers or those enjoying the right of eminent domain) exclusively employed in manufacturing within the State is exempt from taxation.

XIII. FOREIGN CORPORATIONS:

Foreign corporations of the second class doing business in this State, and having three citizens thereof among their stockholders, may become domestic corporations by having approved and recorded: 1. A certificate setting forth: (a) the name; (b) purposes; (c) place of business; (d) term of existence; (e) names and residences of stockholders, and the number of each one's shares; (f) number of directors, and names and addresses of those elected for the current year; (g) amount of capital stock and number and par value of the shares; (h) the legislation under which it was created; and (i) financial condition showing capital stock paid in, funded debt, floating debt, estimated value of property and cash assets, if any). 2. A certificate under the corporate seal, acknowledged and sworn to by at least three directors before the recorder of deeds of the proper county, and approved and indorsed by the Governor, showing the consent to such application of a majority in interest and to a renunciation of its original charter, and all privileges not enjoyed by second-class corporations in this State, said certificate to be recorded in the recorder's office of the proper county and in the office of the secretary of the commonwealth, and an abstract thereof furnished by him to the auditor-general. 1. A foreign corporation which has become domestic has the same rights, privileges, powers, immunities, lands, property and assets as the original corporation, not expressly withheld by general law and its certificate; and all previous claims, etc., for and against said corporations may be sued, prosecuted and collected under the laws governing the same prior to the new charter. 2. Foreign corporations may purchase real estate at judicial sales, but may not hold the same more than fifteen years. 3. Foreign glass, steel and iron companies may have factories and other necessary real estate not exceeding one hundred acres, to be subject to taxation and to the same regulations as domestic corporations as to amount of capital employed, taxation of same, and the making of returns to the auditor-general. 4. All foreign corporations (except insurance companies and those paying other taxes), not investing and using their capital in this State, must procure annual licenses from the auditor-general, paying for the same one-quarter of one mill on each dollar of their capital stock. 5. No foreign corporation may do business in this State without an office and an agent therein, nor until it has filed a statement in the office of the secretary of the commonwealth, setting forth its title, object, location of office and name of agent; a certificate of which filing must be kept in the office of each agent for public inspection. Non-compliance with this law is declared to be a misdemeanor. 6. Foreign corporations may not hold real estate unless specially authorized by law, but the fact that some of the members of a corporation reside abroad does not incapacitate it from holding real estate, if otherwise qualified. 7. In proceedings against foreign corporations, process may be served upon any officer, agent or engineer, either personally or by copy left at their office, and, when they have an office in any county of this State, service may be had upon any officer or agent within the county.

MINING.

I. INSPECTION OF MINES:

The anthracite and bituminous coal fields are each divided into districts, for each of which district an inspector is appointed by the Governor after examination and recommendation by a board of examiners appointed for that purpose. Said inspectors hold office five years in the anthracite field and four in the bituminous.

The duties of inspectors are (1) to examine mines and collieries; (2) to attend inquests; (3) visit places of and investigate accidents; (4) see that all mine laws are observed; (5) keep a record of all visits to mines; (6) take care of all maps, plans, records and other property of the State, and (7) make annual reports to the Secretary of Internal Affairs.

II. DUTIES OF OWNERS, ETC.:

1. It is the duty of owners, operators or superintendents of mines to make annual reports of progress to the mine inspectors, and to report all changes in workings which affect the safety of miners; in the anthracite coal field such reports must be made immediately; in the bituminous, once in every three months. 2. To have rules of conduct, approved by the mine inspector, posted in conspicuous places. 3. To drive bore-holes in front and on sides when approaching abandoned or dangerous parts of mines. 4. To provide safety lamps. 5. To provide stretchers at the entrance of all mines. 6. The owners, etc., of anthracite mines must provide railings in dangerous places, props and timbers necessary to the safety of miners, overcasts when necessary, and, in certain mines, ambulances in addition to the stretchers; moreover they must not employ anyone as a miner who has not a certificate of competency from the miners' examining board.

III. MAPS AND PLANS:

The owners, operators or superintendents of anthracite mines in which more than ten persons are employed must provide maps or plans on a scale of not more than one hundred feet to the inch, copies of which must be kept at the office of the inspector, and at the colliery for the inspection of the miners, upon which maps and copies all changes must be noted every six months. Operators or superintendents of all bituminous mines must furnish the mine inspector with maps on a scale of two hundred feet to an inch, corrected every six months. When any part of a mine is about to be abandoned a map thereof must be furnished to the inspector.

IV. MEASURES OF SAFETY:

1. Every mine must have two outlets, at least one hundred and fifty feet apart on the surface, and not more than twenty persons may work in said mine at one time before the second opening is made or after one of them has been abandoned. If necessary one of said openings may be made on adjoining lands, the damages to be assessed by viewers appointed by the Court of Common Pleas. In bituminous mines worked by drifts, the said openings need not be more than thirty feet apart; but in those worked by shafts, the openings must be one hundred and fifty feet apart. Outlets less than seventy-five feet deep must be provided with steps, deeper ones with machinery for hoisting. Slopes must not have a greater angle of inclination than twenty degrees. In slopes of anthracite mines, having an inclination of not more than fifteen degrees, separate traveling ways must be provided, free from gas or steam. 2. Shafts and slopes must have speaking tubes from top to bottom. 3. Machinery must be fenced or protected by railing or otherwise. 4. Self-closing doors for purposes of ventilation, and safety holes to protect miners from passing cars, must be provided. 5. Convenient wash-houses must be provided near the entrance for the use of workmen. 6. Anthracite mines in which more than seventy-five persons are employed must be divided into two or more districts; underground openings of abandoned workings in said mines and the tops of shafts must be properly fenced off, and owners of adjoining lands must leave sufficient pillars of coal in each vein on the dividing line.

Adequate ventilation, consisting of not less than one hundred cubic feet of air per minute in bituminous and two hundred cubic feet per minute in anthracite coal mines must be provided for each person employed. Abandoned mines and workings must be kept free from gas and water as far as possible.

It is unlawful to employ boys under twelve years of age in bituminous coal mines (boys between the ages of twelve and sixteen years must be accompanied by older persons) or in the outside workings of anthracite mines, or under fourteen years in anthracite mines, or females of any age in any mines; except in offices for clerical work.

V. BOSSES AND FOREMEN:

In all bituminous coal mines competent mine foremen and fire bosses, and in anthracite coal mines mine foremen must be employed. The said mine foremen and fire bosses must have certificates from the mine inspector and two other examiners appointed by the court, and the said foremen or assistant foremen in the anthracite region, must be registered and have certificates from the secretary of internal affairs, of qualification and service, furnished after examination by a board of examiners appointed for the purpose.

The said bosses, foremen or assistants, as the case may be, have charge of the inside workings of the mines. It is the duty of foremen and fire bosses to make weekly measurements of the currents of air, and make a report on the same to the inspector; and to make daily examinations of all the workings in anthracite mines; and at least once every alternate day in bituminous coal mines. In the anthracite region there must also be outside foremen in charge of breakers and outside workings.

VI. WEIGHT OF COAL:

The legal weight of a ton of anthracite coal is declared to be two thousand two hundred and forty pounds avoirdupois, and the law imposes a penalty upon retail dealers giving short weight.

VII. DAMAGES:

Parties injured, and in case of death, the widow and lineal heirs of said parties, have a right of action for injuries caused by the violation of mining laws against the party violating them.

Any court of equity may, on petition, issue a mandamus to the owner, lessee or operator of any mine to recover, if possible, the bodies of entombed workmen.

VIII. LEASE:

According to recent decisions a lease of coal is virtually a sale, and the lessee owns the hole from which such coal has been taken.

IX. COMPANY STORES:

Mining companies are forbidden to be interested in or carry on general supply stores, called "company stores," or to lease or sell the right to keep the same on their property. No contract may be made obliging employes to trade at such stores.

No mining or quarrying company may carry on any other business than that for which it is incorporated.

The constitution forbids the passing of any local or special laws regulating labor or mining.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF QUEBEC, CANADA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by MORRIS & HOLT, Advocates and Attorneys, 185 St. James' Street, Montreal, Canada.

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COMMERCIAL LAW.

I. ACTIONS:

These are taken by filing in the office of the Superior or Circuit Court (according to the amount of the claim, as is set out below under the title VIII. Courts), a fiat for a writ of summons, which on payment of the proper fee, then issues ordering the debtor to appear on a fixed day. This day must not be less than five days from the service of the summons. After appearance defendant must file his plea within two days and the case may be then inscribed for immediate trial. These short delays are the result of an agitation for a quick and summary mode of collecting debts; and all commercial claims incurred subsequent to September 1st, 1888, are subject to this summary procedure. The creditor is always allowed by the court the full amount of the costs he incurs in bringing the action, and obtaining judgment and execution, no matter how small the debt may be.

II. ADMINISTRATION:

The law of this Province does not provide for the appointment of any one to wind up the estate of persons who decease without a will unless there be property belonging to such estate situate outside the Province. If there be no outside property, the heirs liquidate and divide the succession themselves. If there are minors or absentees, tutors or curators must be named by the court to represent them in dividing the estate, and to hold and manage their share of it until they attain their majority at the age of twenty-one years, or in the case of absentees until they return to the Province.

III. AFFIDAVITS:

Taken in the Province of Quebec for use in its courts, must be sworn to before an officer of the court or a commissioner to receive affidavits. The same effect is given to foreign affidavits taken before a notary under his official seal, or before the mayor or chief magistrate of any city or incorporated town in the United States or in Great Britain, the colonies, or any foreign country; or before any consul or consular agent of her majesty in a foreign country.

IV. ALIENS:

May acquire, hold and transmit property in the same manner as British subjects. Although not resident in Canada, they may sue or be sued in its courts on obligations contracted abroad. They are bound if thereto required by the opposite party to give security for costs in any suit or proceeding which they institute in its courts, and to file a power of attorney authorizing the action.

V. ASSIGNMENT:

There is no insolvent act in Canada, but in the Province of Quebec every trader who has ceased his payments may be required by an unsecured creditor for a sum of two hundred dollars or upwards, or by any creditor holding a judgment for eighty dollars or upwards, to make an abandonment of his property for the benefit of his creditors in the office of the prothonotary of the court where the demand is made or the capias issued. Notice of this abandonment is given to the creditors. The court appoints a curator and the property is sold for the benefit of the creditors, amongst whom its proceeds are divided ratably after payment of privileged claims. This abandonment discharges the debtor only to the extent of the amount which his creditors receive on account of their claims. The winding up of insolvent banks, insurance companies and trading corporations is regulated by Dominion statutes. ("XX. Preferences.")

VI. ATTACHMENTS:

A creditor may before judgment, upon affidavit, seize the property of his debtor, whether in the hands of such debtor himself or of third parties; or arrest his person, on the ground of secretion of property, absconding with intent to defraud, or in the case of insolvency, of his refusal to assign his estate. A capias for the arrest of a debtor cannot be issued for a sum less than forty dollars, but his property may be seized for a debt of five dollars. To justify a capias, the debt must be a personal one, and contracted within the Province. Women, priests, and septuagenarians are not liable to be capiased. ("XX. Preferences.")

VII. COMMISSIONS:

When necessary for the examination of witnesses outside the Province, or within the Province at a distance from the place where the court is held, or in case of the illness of a witness, or of his probable absence from the country at the time of trial, commissions to take evidence are granted by the court.

VIII. COURTS:

The Circuit Court has original jurisdiction where the amount demanded is less than one hundred dollars; the Superior Court in all amounts above that sum. All judgments rendered by the Superior Court are susceptible of review and appeal. In the principal cities of the Province the terms of the Superior and Circuit Courts are monthly; in the outlying parts the Circuit Court sits three times a year. A defendant may be summoned either before the court of his domicile, or of the place where the demand is served on him personally, or where the right of action originated. Real actions are brought before the court of the place where the object in dispute is situated.

VIIIa. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .50
Attachment: on issue of writ for claim under $100; fee.	1.80
Over $100; fee	5.10
Appeal: on filing appeal	12.00
Commencement of suit: in Circuit Court: claims under $100	1.80
In Superior Court: claims over $100	5.10
Incorporation: advertising notices of	14.00
License for miner	5.00
Annual rent, per acre	1.00
Mandamus: on issue of writ	4.80
Probate: $12 to	15.00
Protest	1.50
Each notice	.50
Record of registration: per 100 words	.10

Sheriff: 3½ per cent of moneys realized under forced sale of real estate.

Bailiffs' charges on sale of personal property over $100: $15 to..... 20.00
Under $100: $8 to..... 12.00
Transcription..... 1.50
Witness: per day..... 1.00
Expert witness: per day..... 4.00

IX. DEEDS AND MORTGAGES:

Mortgages, or, more properly speaking, hypothecs, and deeds affecting the title of lands held under the French system must be passed before a notary public. Where the lands are held in free and common socage, such deeds may be passed, either before a notary or before two witnesses, one of whom makes affidavit to the signatures, to prove their authenticity. To take effect from the time they were made, they must be registered within thirty days, otherwise, they take effect, as regards third parties, from the date of their registration only.

Mortgages can only be granted on real estate; they can not be given on movables or chattels; these effects may, however, be pledged by being placed in the hands of a creditor to secure his debt.

X. EVIDENCE:

The testimony of one witness is sufficient in all cases where proof by testimony is admitted, and written evidence is not exacted. A party can be a witness in his own behalf in commercial cases. Husband and wife can neither testify for nor against each other except where they are separated as to property, and one, as agent, has administered property belonging to the other; in which case the agent may be examined in relation to facts connected with such administration, but only as a witness for the adverse party.

XI. EXECUTION:

May be issued after eight days. It may, however, be taken before the expiration of this delay for causes which would justify a seizure before judgment. Except for taxes, executions cannot issue against immovables unless the judgment amounts to forty dollars.

XII. EXEMPTIONS:

These are small in amount. They include the debtor's furniture absolutely necessary for the use of himself and family, with feed and fuel for thirty days, and ordinary and necessary wearing apparel; a sewing machine, and in the case of farmers, two draft horses or oxen, one cow, two pigs, and four sheep, with feed for thirty days. Books of account, titles of debt, alimentary allowances, wages and salaries not yet due cannot be seized and one quarter only of the wages of laborers can be seized.

XIII. FOREIGN JUDGMENTS:

In suits brought on judgments rendered out of Canada, the defence set up, or that might have been set up to the original suit, may be pleaded to the suit brought on such judgment; but, if the first judgment was rendered in any of the other provinces of the Dominion in a suit in which the defendant had been served there personally, or had appeared, no defense that might have been set up to the original suit can be pleaded to the suit on such judgment. In suits against corporations service upon the proper officers, according to their charter or to law, is held to be personal service. If the service has not been personal, or if in the absence of personal service the defendant has not appeared, any defense which might have been set up to the original suit may be made and pleaded to the suit upon such judgment.

XIV. INTEREST:

Any interest may be charged which the parties may agree on. If there is no agreement, the law fixes the rate at six per cent. Banks are not subject to any penalties for usury, but cannot exact more than seven per cent. Interest does not run on mercantile accounts except from date of suit.

XV. JUDGMENTS:

They remain valid for execution for thirty years from their date, even though the debt on which they were rendered would have been proscribed in five years.

Judgments give lien on the real property against which they are registered only.

XVI. LIENS AND PRIVILEGES:

In case of insolvency, the unpaid vendor has two privileges: A right to revendicate and a right to preference on the proceeds of the sale; but these rights must be exercised within thirty days from the date of delivery.

Sale is complete by the consent alone of the parties, though no delivery be made. The seller is not obliged to deliver if the buyer does not pay the price, unless a term had been granted for the payment, nor, in the latter case, if the purchaser, since the sale, has become insolvent. A promise of sale accompanied by actual delivery, is equivalent to a sale. The right of stoppage in transitu may be exercised when the goods are in possession of third parties as agents for their delivery.

There also exist laborers' and mechanics' liens, besides others generally recognized.

XVII. LIMITATIONS:

Judgments, registered titles to and claims against real property can only be proscribed after thirty years; but possession as proprietor, and in good faith, of an immovable for ten years, covers defects of title. Actions on bills of exchange, promissory notes, store accounts, or professional services and generally all commercial claims, are proscribed by the lapse of five years, without a payment on account or an acknowledgment of the debt.

XVIII. NOTES AND BILLS:

These must be sued on within five years from their due date, but if judgment be obtained on them it holds good for thirty years. The general rules applicable to commercial paper apply here, viz.: It is transferable by indorsement and delivery, or, when payable to bearer, by delivery either with or without indorsement. When a particular place of payment is mentioned, presentment must be made there. If payable at a bank presentment may be made either within or after banking hours. When payable generally, i. e., when no place of payment is mentioned in the instrument, presentment must be made to the party primarily liable, either personally, or at his domicile or usual place of business. If dead, or absent from the Province, presentment may be made at his last known residence or place of business. In case of insolvency, all current paper becomes immediately due and exigible. The place of payment of a draft may be fixed by the acceptor in his acceptance. The commercial law of Quebec is founded on the old English law. Three days of grace are allowed on bills and notes payable with a term or at sight, but no grace is allowed where they are payable on demand or on a fixed day. If the day on which they would otherwise become due is a legal holiday the delay is of right extended to the next day. Payment must include interest from the last day of grace and all expenses of noting and protesting and notices legally incurred. In the case of bills payable elsewhere than in Canada and Newfoundland, damages are also allowed equal to two and one-half per cent of the amount for which the bill is drawn, together with the costs of exchange and re-exchange. Indorsers and other parties secondarily liable are only held by protest and notice.

XIX. PARTNERSHIPS:

The law of the Province of Quebec as to commercial partnerships is founded on the English law. The partners are jointly and severally liable for all obligations. They may make such stipulations among themselves as they wish concerning their respective powers in the management of the business, but with respect to third persons dealing with them in good faith, each partner has an implied power to bind the partnership for all obligations contracted in its name and in its usual course of business. Sharing in the profits alone does not constitute one a partner, unless the intent to create a partnership is proved. Partnerships must be registered in the offices of the registrar and the prothonotary of the Superior Court for the district under a penalty. The same rule applies to joint stock companies and to persons carrying on business alone under a name other than their own. The registration must be made within sixty days under a penalty of four hundred dollars. In case of insolvency the property of the partnership is applied to the payment of the creditors of the firm in preference to the separate creditors of any partner, and if such property is found insufficient for the purpose, the private property of the partners, or of any one of them, is also to be applied to the payment of the debts of the partnership, but only after the payment out of it of the separate creditors of the partner.

XX. PREFERENCES:

No preferences are allowed to be given by an insolvent. The giving of a preference renders him liable to imprisonment on a charge of secreting his estate.

XXI. WILLS:

Any person may dispose of his property freely by will without distinction as to its origin and nature. Wills are made: 1. Before a notary. 2. In holograph form, i. e., wholly written and signed by the testator. 3. In English form, before two witnesses.

Notarial wills do not require probate. Testamentary executors take possession of the property of the testator, and distribute the estate according to the direction of the will.

CORPORATIONS.

I. BOOKS AND RECORDS:

The company must keep books and correctly record: 1. A copy of the letters patent, and all the by-laws. 2. Names of all persons who are or have been stockholders. 3. The address and calling of every such person. 4. The number of shares held by each person. 5. Amounts paid in and remaining unpaid on stock. 6. Transfers of stock. 7. The names, addresses and calling of the directors.

The books must, during reasonable business hours, be kept open for the inspection of shareholders and creditors and their representatives. A company neglecting to keep such books open for inspection forfeits its corporate rights; and a director, officer or servant who knowingly allows a false entry to be made in such books is liable to a penalty of one hundred dollars for every such untrue entry, and for all damages which any party interested may have sustained thereby.

II. DECLARATIONS:

The company must file in the office of the Superior Court, or with the registrar thereof, a declaration stating the name of company, where, and how, and the date it was incorporated, and where its principal place of business within the Province is situated. This must be filed within sixty days after commencing operations and business. A failure to make and file such declaration renders the company liable to a fine of four hundred dollars, and the president, principal manager, or chief agent, as the case may be, to a fine of two hundred dollars.

III. DIRECTORS:

The directors are elected by the shareholders, in general meeting of the company assembled, for a term not to exceed two years, as the by-laws may prescribe. They must not be more than nine nor less than three in number. They have full power to conduct the affairs af the company, and may make contracts which the company may lawfully enter into.

They may also make by-laws, not contrary to law, to regulate: 1. The allotment of stock. 2. The making and payment of calls thereon. 3. The issue and registration of certificates of stock. 4. The forfeiture of stock for nonpayment. 5. The disposal of forfeited stocks. 6. The transfer of stock. 7. The declaration or payment of dividends. 8. The number of directors and their terms of office. 9. The amount of their stock qualification. 10. The appointment, functions, duties and removal of all agents, officers and servants of the company. 11. The security to be given by them to the company. 12. Their remuneration and the directors' remuneration, if they are entitled to any. 13. The place where the annual meetings of the company shall be held and the business conducted. 14. The calling of meetings of the board and the quorum thereat. 15. The requirement as to proxies; and, in general, the procedure and conduct in all other particulars of the affairs of the company.

Such by-laws are in force for one year, and, unless confirmed at the next annual meeting, cease to have force. The company cannot lend to any shareholder.

The directors are jointly and severally liable to laborers and servants of the company for all debts not exceeding one year's wages due for services performed while they are such directors, respectively; but no director shall be liable unless the company has been sued therefor within one year after the debt became due.

IV. DIVIDENDS:

No company can legally declare a dividend that is not earned, or which infringes or lessens the capital of the company. Should any dividend be so declared, the directors consenting to the payment thereof shall be jointly and severally liable to the creditors of the company for the amount so paid.

V. GRANT OF CHARTER:

The Lieutenant-Governor may, by letters patent, grant a charter to any number of persons (not less than five) who petition therefor. Such charter constitutes the shareholders in the company thereby created a body politic and corporate for any of the purposes within the jurisdiction of the legislature, except for the construction and working of railways, and the business of insurance. Such petitioners shall previously give notice of their intention to make such application by making publication during four consecutive weeks in the Quebec Official Gazette, giving: 1. The corporate name. 2. The object. 3. The place of business. 4. The proposed amount of its capital stock. 5. The number of shares and the amount of each share. 6. The name in full, address and calling of each of the applicants; with special mention of the names of not less than three nor more than nine of their number, who are to be the first directors of the company. The major part of the directors must be resident in Canada and be British subjects. Within a month thereafter, the applicants may petition the Lieutenant-Governor for the issue of letters patent; which petition must recite the facts set forth in the notice, the amount of stock taken by each applicant, the amount paid in on the shares of stock, and the manner in which the same has been paid. The aggregate of the stock so taken must be at least one-half of the total amount of the stock of the company. The aggregate so paid in must be at least ten per cent thereof, or five per cent of the total capital, unless the total exceeds five hundred thousand, in which case the aggregate paid in upon such excess must be at least two per cent thereof. Such aggregate must be paid into a chartered bank, unless the object of company requires that it own real estate, in which case one-half may be in real estate. The letters patent recite all the material averments of the petition. The Lieutenant-Governor may change the name of the company.

The charter is forfeited by non-user during three consecutive years at any one time, or if the company does not go into actual operation within three years after it is granted.

VI. POWERS:

The company may hold real estate requisite for the carrying on of its undertaking; and by simple resolution it may issue bonds or debentures for the settlement of accounts; and it may, by a resolution of two-thirds of the actual shareholders, issue bonds or debentures to the amount of two-thirds of the total value of the immovable property. Such bonds or debentures must be registered, and they then constitute a privilege in favor of the holders against the company, and give rights of preference over all other debts and claims against the company posterior to their issue.

The directory may increase or decrease the capital stock of the company after the old stock has been allotted and paid in, by a by-law to that effect.

Every company incorporated and existing in Great Britain, in the United States or in Canada may acquire and hold real estate in the Province of Quebec for its occupation or the prosecution of its business.

VII. STOCK:

Shareholders who represent one-fourth of the capital stock may call a special meeting by giving written notice thereof.

No stock shall be issued to represent the increased value of any property. The practice commonly known as "watering stock" is prohibited. The capitalization of surplus earnings, and the issue of stock to represent such capitalization of surplus, are also prohibited. Every form of fictitious capitalization of stock that is not represented by legitimate and necessary expenditure in the interest of the company is prohibited. The stock of the company is deemed personal estate and is transferable only as prescribed in the letters patent or the by-laws.

The directors may call in from the shareholders all sums of money by them subscribed, in such payments as the by-laws may allow. Not less than ten per cent upon the allotted stock shall be called in and made payable within one year from the incorporation, and for every year thereafter at least a further five per cent shall be made payable until one-half has been so called in. If the shareholders refuse to pay any call within the time prescribed their stock may be forfeited to the company.

No shareholder shall be held responsible to creditors beyond the amount of his respective shares in the capital stock.

The company is not bound to see to the execution of trusts in respect to its shares.

VIII. TAXES:

Every incorporated company carrying on any trade or business in the Province of Quebec must pay an annual tax (a) of one-tenth of one per cent upon the amount of the paid up capital of one million dollars inclusive, and twenty-five dollars for each one hundred thousand dollars or fraction thereof over one million dollars; and (b) an additional tax of fifty dollars for each place of business, factory or workshop, in the cities of Montreal or Quebec, and of twenty dollars for each place of business, factory or workshop, at every other place.

IX. WINDING UP:

The company may be wound up voluntarily whenever the directors deem it expedient, by convening a general meeting of the shareholders. If at such meeting a majority, representing not less than two-thirds of the stock, resolve to wind up voluntarily and dissolve, then the company forthwith subsists and carries on business for the purpose of winding up its affairs. Liquidators are appointed to wind up and distribute the assets; and the board of directors ceases to exist. Notice of such resolution is sent to the Provincial Secretary, and is published by him in the Quebec Official Gazette; and the liquidators also forthwith register a notice of the dissolution in the office of the Superior Court and in the registry office of the county.

MINING.

I. ALIENS' RIGHTS:

Citizens of the United States may enjoy the benefit of the mining laws of Quebec to the same extent as British subjects.

II. DIVISIONS:

The Province is divided into two mining divisions: 1. The "Mining Division of the Laurentides" comprising all the counties situated on the north bank of the River and Gulf of St. Lawrence and of the Ottawa River; also all the islands of the Province of Quebec lying in the Ottawa River and in the River and Gulf of St. Lawrence and the counties of Vaudreuil and Soulanges. 2. The "Mining

Division of the Alleghanies" comprising all the counties situated on the south bank of the River and Gulf of St. Lawrence.

"Every person, who prospects or mines for minerals upon lands adjoining a mining division, is subject to the provisions of the mining law, as if he worked within the limits of such mining division."

III. DISCOVERY:

"The discoverer of a new mine on public lands is entitled to a free mining license, provided such discovery has been immediately reported in writing to the inspector of the mining division. But anyone, who does not immediately report such discovery, is deprived for one year of the right to mine on public lands.

"No person is considered to be the discoverer of a new mine unless the place of the alleged discovery is in a region unknown as a mining region, or at least at a distance of thirty miles from the nearest mine."

IV. EXPLORATION AND PROSPECTING:

Any person may prospect without a license on the public lands of the Province, or he may obtain an exploration and prospecting license giving him the right to make his search to establish the mining value of the land. This license which is valid for three months and may be renewed for a longer term costs, if the mine is on private lands, two dollars for every hundred acres; and if on crown lands five dollars for every hundred acres; or in unsurveyed territory, for each square mile.

The prospector must furnish security to the Commissioner of Crown Lands to answer for all damages he may cause to the proprietor of the soil in making his researches. By the term private lands is meant lands conceded by the Crown not as mining concessions. The prospector must report to the commissioner the result of his operations. The prospector may then purchase the mine by paying the prices mentioned under title of "V. Concessions," provided the proprietor of the soil does not wish himself to purchase the mine.

V. CONCESSIONS:

These are divided into three classes: (a) In unsurveyed territory, the first class contains four hundred acres, the second two hundred acres, and the third one hundred acres. (b) In surveyed townships, the above three classes respectively comprise one, two and four lots as regularly divided, or more or less if such lots contain more or less than one hundred acres each in superficies.

Lands supposed to contain mines or ores belonging to the Crown may be acquired from the Commissioner of Crown Lands: 1. As a mining concession by purchase. 2. Be occupied and worked under a mining license.

The same person cannot buy from the Crown a concession for more than four hundred acres unless the Lieutenant-Governor-in-Council, on proof of his capital and resources, allows him a larger extent, not in any case exceeding one thousand acres.

The prices payable for said concessions are: For mining superior metals on lands situated more than twelve miles from a railway, five dollars per acre; less than twelve miles from a railway, ten dollars per acre. For mining inferior metals outside the twelve-mile limit, two dollars; and within, it, four dollars per acre.

The Commissioner of Crown Lands from time to time auctions concessions at an upset price not less than those given in the preceding section. No lands can be sold by the Crown unless there are real indications of the presence of minerals, established by specimens and affidavits proving them.

The rights of purchasers of concessions to mine for superior metals include the right to mine for all metals therein contained. In concessions for inferior metals the right is limited to these.

The purchaser must commence bona fide work within two years and spend not less that five hundred dollars if for superior metals; and not less than two hundred dollars if for inferior metals; otherwise the sale may be cancelled by the commissioner.

"No title to a mining concession or license shall without the formal consent of the proprietor of the soil, give a right to mine, or to open pits or galleries, or to erect machines or stores, in fields, yards, or gardens, or upon lands close to dwelling houses, or boundary fences, within a distance of three hundred feet from such fences or dwellings, nor right to enter such yards or habitations."

VI. LICENSES:

These are of two kinds: 1. Private lands license, where the mining rights belong to the Crown. 2. Public lands license. Both of which, upon payment of five dollars prescribed fees and an annual rental of one dollar per acre, give the holder the right to mine for certain minerals and upon certain lands therein specified for a period of twelve months from the date thereof; said license being renewable. All licenses issued are registered and open to public inspection for a fee of twenty cents.

The applicant for a license to mine upon public lands, plants a wooden picket at each corner of the lot and gives notice to the mining inspector, containing a complete description of the land, and mentioning where such applicant elects his domicile."

The licensee may search on private lands without the consent of the owner of the soil.

In the case of entry upon land privately owned by a licensee for mining purposes, notice is given the owner of such by the licensee of his intention to so enter and mine; and if upon receipt of such, the owner does not either enter into an arrangement with said licensee to enable him so to do; or take out a license to himself mine his land (which he has a right to do), the said licensee serves upon him a second notice containing a plan of the land required for his operations, a description of such, a declaration of his willingness to make to him certain compensation therefor, and the name of a person to act as arbitrator for such licensee if his offer of compensation be not accepted. If within ten days, or if owner is absent from the Province, eight days after third publication of said notice in local newspapers, the owner does not answer, or give the name of his arbitrator, the Inspector of Mines appoints such last for him. The two arbitrators appoint a third one; and said arbitrators, upon deposit of not less than fifty dollars to cover the costs of their proceeding, shall forthwith hear evidence, consider all accessory facts and circumstances, and thereupon assess and make award of such compensation for the land so taken, which shall in no case exceed in superficies fifteen acres, besides that allowed for requisite right of way, payable to the owner of said land. "When the award is given, the amount of damages and costs must be paid into the hands of the inspector who distributes them. The licensee may also obtain from neighboring proprietors the right of way over their lands with horses and vehicles, and the right to make the works necessary thereon for conveying the water required by him for the better working of his mining lands; provided, however, that he does not apply for anything which might have the effect of turning the course of any stream, so as to deprive the inferior riparian proprietors of the use of such stream, and this provision is applicable to every person who works a mine of any kind in this Province."

VII. MILL LICENSES:

"Every person who desires to make use of a mill for crushing quartz, or the obtaining of gold and silver therefrom, is required, under a penalty of one hundred dollars or two months' imprisonment, to obtain beforehand a special license costing five dollars."

"Every licensed mill or machine owner, is required, under the same penalty, to keep an account book, in which he is bound to enter a clear statement of all quartz crushed, reduced, or amalgamated by such mill or machine, and also the following particulars: 1. The name of the owner of each parcel of quartz crushed. 2. The weight of each such parcel. 3. The date of the crushing. 4. The actual yield in weight of mineral obtained from each such parcel. 5. The description of the mining lands worked.

"He is also bound to furnish, monthly, a return under oath, compiled from the said book, containing the aforesaid statements and details for each and every day of the month then last passed, together with such other information as the inspector or the Lieutenant-Governor-in-Council may require."

VIII. MINE INSPECTORS:

The Lieutenant-Governor-in-Council, on the recommendation of the Commissioner of Crown Lands, appoints all inspectors, policemen and other officers (except constables) deemed necessary, fixes their rank and salaries, and prescribes their duties.

The inspectors must be mining engineers, possessing sufficient knowledge of mineralogy and metallurgy, and having exercised their profession during at least five years. The inspectors may be appointed for one or more mining divisions, as the Lieutenant-Governor-in-Council thinks proper.

No inspector of a mining division, under a penalty of four hundred dollars, or one year's imprisonment, can take any share in his own name, or in the name of another for him, in the working of the mines at large in the mining division for which he has been appointed.

The inspector is, ex-officio, a justice of the peace for the district and it is not necessary that he have any property qualification. He decides all contestations respecting the dimensions or boundaries of mining lands under mining license, the use of water courses and the access thereto. He takes cognizance of and finally determines all suits of a purely personal nature, and those affecting movables between persons or companies engaged in mining, or their agents, or other persons or companies, and vice versa; providing the amount in dispute does not exceed twenty-five dollars. He may summon defendants to appear before him, or summon any person who is pointed out to him as an important witness in a case, and determine the complaint, in the presence or absence of the defendant, upon the evidence given under oath by one or more witnesses, sworn before him, and levy such sum as he may adjudge to be due by a warrant of distress and sale of the defendant's goods and chattels, and convict, within his division, upon view, any person for any contravention,

punishable under the provisions of the mining law or the regulations thereof.

No appeal lies from any conviction by or judgment of the inspector, in conformity with the provisions of the Mining Act; and all proceedings before him are summary.

IX. MINES' REGULATIONS:

Regulations may be made by the Lieutenant-Governor-in-Council respecting the sanitary condition and safety of the works in mines, so as to protect the life and health of the workmen therein employed. Such regulations, after their promulgation in the Official Gazette, become law, and a copy of the same must be posted up in the most conspicuous places of the mine, in conformity with the instructions of the mines inspector.

The sale of intoxicating liquor within a radius of seven miles of any mine is prohibited unless under license.

No woman or girl can be legally employed in the working of a mine, and no boy under fifteen years can be employed in the underground works of any mine or quarry. No boy of fifteen years, but under seventeen years, can be employed in a mine as above, more than forty-eight hours per week. No boy of less than twenty years can be employed in working machinery in or near a mine, with the exception of machinery put in motion by horses or other animals, in which case their driver may be sixteen years of age.

Every proprietor of a mine in operation, who contravenes the preceding provisions, is subject to a penalty of twenty-five dollars or one month's imprisonment.

Every miner who makes a pit, shaft or excavation to a depth of four feet and over is bound, under a penalty of fifty dollars or one month's imprisonment, to inclose it with a fence at least four feet in height if he discontinues working it for eight days.

No person working mines shall cause damage to the occupant of any other mining land by throwing earth, or other material, on such other land, or by causing water to flow into such other land, under a penalty of fifty dollars, or one month's imprisonment.

X. PARTY WALLS:

"A party wall or passage, at least three feet thick, must be left between each holding worked as well on public as on private lands; which wall is to be used in common by all parties as a mode of access to the stream, where one exists; and no one may obstruct such party wall by throwing soil, stones or other material thereon, under the penalty of five dollars fine, or one month's imprisonment. Any person interested may remove a party wall, but he must construct a new mode of access to the water, offering the same facilities; and such removal cannot be effected without the written permission of the mines inspector"

XI. REPORTS:

"Every person working a mine must furnish, during the month of January, every year, a sworn statement of his operations for the previous year, containing the quantity of the mineral extracted, its value at the mine, and the number of workmen employed, also a statement giving the names of persons killed or wounded in working the mine."

"Every licensee is bound to make a statement under oath of the work performed and of the minerals obtained during the term of his license."

XII. ROYALTY:

The Lieutenant-Governor may claim a royalty on Crown lands for five years after their sale, but no royalty is exacted by the Crown at present.

[The royalty which may be claimed under law cannot exceed three per cent of the value at the mine of the mineral extracted after deducting the costs of extracting. At this date (Feb. 21st, 1896) the Mining Association of the Province of Quebec is petitioning the Government to renounce its claim to royalty on the ground that the existence of the statute, though not enforced, acts as a deterrent to intending investors. The Government is likely to abolish the royalty.]

XIII. WATER RIGHTS:

Owners of claims and mining locations bounded by rivers, upon public as well as upon private lands, may make use of such in working their claims but without hindering each other. Every dispute, arising between the parties on the subject is settled and decided by the inspector of the mining division, and whosoever disobeys the order of the inspector is liable to a penalty of fifty dollars, or one month's imprisonment.

DIGEST OF THE

Commercial and Corporation Laws OF RHODE ISLAND.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by JAMES, W. R. and THEO. F. TILLINGHAST, Attorneys-at-Law, 10, 9, 4 Woods Building, Providence, Rhode Island.

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I. ALIENS:

May take, hold and transmit title to real estate and may sue for and recover possession of the same, in the same way, and to the same effect, as if they were native-born citizens of the United States.

II. ATTACHMENTS:

An original writ, or writ of mesne process, to attach the real and personal estate of a defendant, including his shares in any incorporated company, and his property in the hands of another person or corporation, including municipal corporations, may be issued whenever the plaintiff, his agent or attorney, shall make affidavit, setting forth that the plaintiff has a just claim against the defendants that is due, and upon which he expects to recover in the action a sum sufficient to give jurisdiction thereof to the court to which said writ is made returnable. Attachments cannot issue upon a debt not matured. Each attachment is for the sole benefit of the creditor making it. If set aside by an assignment or receivership under the insolvent law, the costs of making the attachment are to be paid by the assignee or receiver if the assets are sufficient. All executions run against the goods and chattels and real estate of the defendant.

III. CLAIMS AGAINST ESTATES:

Debts due to the United States, necessary funeral charges, charges for attendance and medicines in last sickness, debts due to this State, and State and town taxes, are to be first paid in the order named.

Before February 1st, 1896, there is no provision for notice to creditors to present claims against solvent estates. Where an estate is represented insolvent by the executor or administrator, the Probate Court appoints three commissioners and notice is given by advertisement to present claims to them within such time as the court directs. After the above date all claims must be presented to the executor or administrator, or filed in the Probate Court within six months of the first notice by advertisement of the appointment of the executor or administrator, or within such further time, not exceeding one year, that the court may appoint. No other notice is provided for. The executor or administrator will then be required to allow or deny the validity of the claims within thirty days after said period, and give personal notice to those creditors whose claims are refused, and if no commission is appointed as upon insolvent estates such creditor must begin suit within six months of such personal notice. If a commission is appointed, it is to report within three months, or such further time as the court shall direct, not exceeding in the whole nine months from the first appointment.

Both before and after the new revision goes into effect, on February 1st, 1896, insolvent estates are to be distributed pro rata after the above preferred claims are paid; and for purposes of such distribution, all claims, whether then payable or not, are regarded as due, by allowance of interest being made for anticipated payments. Provisions are also made in both instances for

...s at law with jury trial upon any claims rejected. After the new revision goes into effect executors and administrators must account within two years of their qualification, and at other times when cited by the court to do so. ("XV. Limitations").

II. COURTS:

The Supreme Court, made up of a chief justice and four associate justices, is divided into two divisions. The appellate division has exclusive jurisdiction of all suits in equity and proceedings following the course of equity, divorce and allied subjects, and is in general a court of appeal and review in matters of law, including probate appeals.

The common pleas division has exclusive jurisdiction of all civil cases in which the damages claimed exceed one hundred dollars, and also some appellate jurisdiction where jury trials are claimed in appeals from Probate and District Courts. Jury trials must be claimed, however; otherwise original as well as appealed cases are certified to the appellate division; as is also any case where a demurrer is filed which in the opinion of the justice goes to the substance of the case.

There are twelve District Courts in the State, having exclusive jurisdiction of civil cases involving less than one hundred dollars damages as laid in the writ.

The Municipal Court of Providence is the Probate Court for that city. In the towns the town councils act as Courts of Probate where no judge of probate is elected at the annual town meeting. There are, however, such courts holding Probate Courts in the cities of Newport, Pawtucket, Woonsocket and Central Falls, and in the towns of Bristol, Cranston, East Providence, Lincoln and North Providence. The town councils are required to meet once a month at least for probate business.

VI. FEES:

Acknowledgment before notary public	$ .50
Attachment, arrest or replevin: In addition to service fees, officer entitled if ad damnum is over $500, to 1-10 of 1 per cent upon excess over $500.	
Commencement of suit in District Court: Writ	1.00
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VII. DEEDS:

Of any estate of freehold, and leases for more than one year, must be signed (no seal is now required) and acknowledged by all the grantors (including a wife joining to release dower), if in this State before any justice, senator, mayor, town clerk, justice of the peace, or notary public. If without this State, and within the limits of the United States, before any judge, mayor, justice of the peace, or notary public, or duly qualified commissioner appointed by the Governor of this State; and after February 1st, 1896, acknowledgment or proof in the form required in the state where executed will be sufficient in Rhode Island; and if without the United States, before any ambassador, minister, charge d'affaires, consul, vice-consul, or commercial agent of the United States, or duly qualified commissioner appointed by the Governor of this State. And such deed or lease must be recorded in the registry of deeds in the city or town where the estate lies; though, if not recorded it is good between the parties and their heirs. In a conveyance by a married woman of her estate, the magistrate's certificate should now also state distinctly that "being by me examined separate and apart from her husband, and having said instrument shown and explained to her by me, she acknowledged the same, while so separate and apart, to be her voluntary act, and declared to me that she did not wish to retract the same." And any substantial departure from this form will render the acknowledgment and deed ineffectual as against her and those claiming under her. But after February 1st, 1896, she may acknowledge a deed as though unmarried; and after the same date no seal of the person executing will be required, but all persons, even though releasing dower only, must acknowledge the instrument.

VIII. DEPOSITIONS:

Any justice of the Supreme Court, justice of the peace, notary public, or commissioner appointed by the court, may take the deposition of any witness to be used in the trial of any civil actions, except equity causes, in which he is not interested, nor of counsel, nor the attorney of either party, and which shall then be commenced or pending in this tate or in any other state or government.

In taking depositions, whether in or out of the State, the party taking them shall notify by proper officer or disinterested person the adverse party or his attorney of record before taking the same, giving him a reasonable time, if within the State, at least twenty-four hours (exclusive of holidays) in which to attend and cross examine. For taking depositions outside the State an order from the court in which the case is pending is necessary. Fees payable to the officer taking said deposition are: Forty cents for each hour necessarily employed; thirty cents for each page of two hundred words, and ten cents for each mile's travel to place of caption.

IX. DESCENT:

The real estate of an intestate descends in the following order, on failure of persons in previous classes: 1. To children or their descendants. 2. To father. 3. To mother, brothers and sisters, and their descendants. In default of these, in equal moities to paternal and maternal kindred. 1. To grandfather. 2. To grandmother, uncles and aunts, or their descendants. 3. To great-grandfathers or great-grandfather, if there be but one. 4. To great-grandmothers and the brothers and sisters of grandfathers and grandmothers, and their descendants; and so on in other cases without end. But if the title of the intestate to real estate came by descent, gift, or devise from the parent or other kindred of the intestate, and such intestate die without children, such estate shall go to the kin next to the intestate (ascertained according to the foregoing canons) of the blood of the person from whom such estate last came or descended, if any there be. Rights of dower and curtesy are fully preserved. Personal estate not bequeathed is distributed as follows: 1. One-half to widow of person dying without issue. 2. One-third to widow when there is issue living. 3. The remainder in the mode provided for descent of real estate, but without respect to the blood of the person from whom such personal estate came or descended (General Laws, Chapter 216); but if the deceased was a married woman, the whole to her surviving husband.

X. EXECUTIONS:

Execution issues twenty-four hours after judgment, unless otherwise ordered; returnable in three months at District Court, and in six months at the Supreme Court.

XI. EXEMPTIONS:

There are a number of exemptions from attachment and execution, but the only ones of much importance are debts secured by bills of exchange or negotiable promissory notes.

XII. INTEREST:

In absence of special agreement and on judgment the rate of interest is six per cent, but any rate agreed upon is valid. Interest runs from expiration of credit as fixed by usage of trade or by stipulation.

XIII. JUDGMENTS:

A judgment is not a lien upon real estate until levy of execution. There is no power by statute to tax counsel fees as costs except in suits for partition and certain actions against railroads.

Foreign judgments are proved in accordance with the act of Congress.

XIV. LIENS:

Whenever real estate is built upon, repaired, or improved at the request of the owner (or of the husband of the owner, the wife assenting in writing), his interest in such real estate is made liable for the work done and materials furnished, the lien taking effect at commencement of the work. To enforce the lien legal process must be commenced within four months of the time when any payment under a written contract has become due, or within six months of commencing the work or delivery of materials, if not by written contract. If the materials are not purchased by the owner of the premises, notice must also be given to such owner and recorded within sixty days of their delivery, and a person working for a contractor must also give notice to the owner within thirty days. Legal process as here used means recording the account or demand in the registry office of the town or city where the land lies. Suit by petition in equity must then be commenced within twenty days.

Warehousemen are given liens, and certain provisions are made for the sale of merchandise stored with them, as well as provisions for selling any property upon which a person has a lien at common law.

XV. LIMITATIONS:

Actions on the case for words spoken must be commenced within one year. Actions of trespass must be commenced within four years after the cause of action shall accrue. All actions of account, except such accounts as concern trade or merchandise between merchant and merchant, their factors and servants; all actions on the case, except for words spoken; all actions of debt founded on any contract without specialty, or brought for arrearages of rent; and detinue and replevin must be commenced within six years next after the cause of such action shall accrue. Other actions of debt and of covenant must be commenced within twenty years.

There are exceptions in favor of those legally disabled, except married women. If the claim is against a person outside the State when the action accrues, or if he goes out of the State before it is barred, without leaving attachable property, suit may be brought after his return. If a cause of action is concealed by misrepresentation the statute runs from the time it is discovered.

Against executors and administrators no action, except for attendance and medicines in last sickness and funeral expenses, can be brought in less than one nor more than three years after he has published notice of his appointment. But after February 1st, 1896, these periods will be six months and two years respectively, with certain provisions making heirs, next of kin, legatees and devisees liable one year more to the extent of property received by them, where there was any valid excuse for not suing before and until one year after the debt becomes due in cases of contingent liability, and all claims must be presented to the executor or administration within six months after his appointment.

Real estate is practically governed by the statute of possessions, twenty years (for periods beginning after February 1st, 1896, ten years) adverse possession being sufficient evidence of title, subject to about the same exceptions as above.

XVI. MARRIED WOMEN:

Her property is secured to her separate use, subject to her husband's right to curtesy and right to administer her intestate estate as at common law.

After February 1st, 1896, her power will be confined with slight exceptions to contracts for the management of her separate property, except that she may act as a trader (but not as a partner with her husband) and may mortgage or pledge her property for the debt of another, which mortgage or pledge will be good as to the property it covers, but no further. Also, after said date, she cannot be appointed administratrix by any Probate Court, although she may still be named and appointed executrix of a will; and she may be appointed guardian of her children.

XVII. MORTGAGES:

Real estate mortgages are subject to the same statutes as to execution and record as deeds. Chattel mortgages are usually, though not necessarily, executed in the same manner as those of real estate, and unless the mortgagee takes possession must be recorded in the town where the mortgagor resides, if within the State; otherwise in the town where the property is. Foreclosure is usually by sale under power in the mortgage after advertisement for twenty days in the case of real estate, and ten days in chattel mortgages. Mortgages are generally given to secure promissory notes; seldom to secure bonds.

XVIII. NOTES AND BILLS:

Are governed by the rules and usages of commercial law. The usual three days' grace are allowed on bills drawn at sight, due and payable in this State, in which there is not a provision to the contrary. (General Laws, Chapter 166.) If the third day of grace be Sunday or a holiday, payment must be made on the next business day following.

Legal holidays are the Fourth of July, Christmas, 22d of February, the 30th of May, or, if either falls on Sunday, the day following; the first Monday in September, and the first Wednesday in April in each year, the first Tuesday in November in every second year, such day as the Governor appoints as Arbor Day, and such day as may be appointed by the Governor, General Assembly, the President, or Congress as days of Thanksgiving or solemn fast or for other purposes. Saturdays may for acceptance and maturity of commercial paper be treated as holidays.

XIX. SUITS:

Suits at law or in equity concerning land in any way must be brought in the county where the land lies.

Personal actions shall be brought in the county where the plaintiff or defendant or some one of them dwell, or in which the defendant or one of them is found; and if none of the parties dwell within the State then in any county. Personal actions against corporations shall be brought in the county where the other parties or some one of them dwell, or where the defendant is found, or where the corporation is located by its charter, and if not so located, where it holds its annual meeting. But all suits in equity which would by the above provisions be commenced in the counties of Bristol or Kent, must be brought in Providence.

XX. TAXES:

Taxes assessed against any person in any town, for either personal or real estate, constitute a lien upon his real estate for two years, and, if the estate be not alienedd, until collected.

In all cases when any parcel of real estate is liable for taxes, so much thereof as is necessary to pay the tax, interest, cost and expenses, may be sold by the collector, at public auction, to the highest bidder after notice of levy, and of the time and place of sale, posted in two or more public places, and in some newspaper; and in case of a resident, shall also cause notice of his levy, and of the time and place of sale, to be left at his last and usual place of abode, or served upon him personally, at least twenty days previous to the day of sale.

The owner, his heirs, assigns, or devisees, may redeem property thus sold upon repaying to the purchaser the amount paid, with twenty per cent in addition, within one year after the sale, or within six months after final judgment has been rendered in any suit in which the validity of the sale is in question, provided such suit be commenced within one year after the sale.

XXI. WILLS:

All wills, whether of real or personal estate, must be in writing, and signed by the testator, or by some person in his presence, and by his express direction; and must be attested and subscribed in the presence of the testator, by two or more witnesses present at the same time, or else shall be utterly void and of no effect.

After acquired real estate may be devised, without such intention appearing. Non-residents may be executors and may also be appointed administrators, though the latter is not a matter of right. Every person being upward of eighteen years of age may dispose of personal property and every person upward of twenty-one years of age may dispose of real estate by will.

The will of a married woman cannot impair the right of her husband as tenant by the curtesy. Nor can a husband cut off his widow's right of dower except by adequate provision for her in lieu of dower; and which provision she may refuse to accept by notice in writing filed in the Court of Probate within one year after the probate of the will.

The will must be proved and recorded in the Court of Probate of the city or town of which the testator was an inhabitant, or in which he resided at the time of his death; or, in case of a non-resident, in which he left estate to be administered. Where the town council constitutes the court the town clerk is also the probate clerk. After February 1st, 1896, a copy of the will, certified by the probate clerk, must also be recorded in the town where the land lies before title can be made by a devisee under it.

Foreign wills, executed as required by the laws of this State, which have been duly proved and allowed in a Court of Probate elsewhere, may be filed and recorded in the Court of Probate of any city or town of this State where the testator left real or personal estate upon which the will may operate. After February 1st, 1896, a will executed as required by the statutes of the state where made, or where the testator was domiciled, will be sufficient to pass even real estate when probated in this State.

CORPORATIONS.

I. ORGANIZATION:

Business corporations may be formed: 1. By act of the General Assembly. This is the only method of creating them for any of the purposes excepted from the operation of the general act below. The General Assembly now grants charters at the same session that they are petitioned for. Such corporations must be organized within two years after the charter is granted. 2. By general act, permitting the incorporation of ordinary business corporations, except railway, canal, turnpike or other company needing to condemn lands or acquire franchises in streets and highways; and also excepting insurance companies, banks and banking companies, and generally all corporations trading in bonds, notes and other evidences of indebtedness. In general: Three or more persons of lawful age may associate by written articles expressing: 1. Their agreement to constitute an ordinary business corporation. 2. The name by which the corporation shall be known, which shall be one that cannot be mistaken for that of a partnership and is not then in use by any existing corporation. 3. The business for which it is constituted. 4. The town or city in which it is to be located. 5. The amount of the common, and, if any, of the preferred capital stock, and par value of each; the advantages of the preferred, if any, over the common; and, until February 1st, 1896, the number of shares of each subscribed for by each subscriber. Provision may also, if desired, be made for a lien by the corporation upon his stock for the indebtedness due it from any stock-

holder, and that the stock shall upon sale thereof first be offered to the corporation; and the time for exercising this option may also be fixed.

This writing is to be signed by the incorporators, who must set their residences opposite their names, and acknowledge the instrument as though a deed of real estate. Upon filing said writing with the Secretary of State together with a certificate from the State Treasurer that the State tax is paid, the secretary issues his certificate of incorporation, which authorizes the incorporators to act as a corporation. After this certificate is issued the first meeting of the corporation is to be held for organization, a notice of the time, place and purpose of the meeting signed by one or more of the incorporators and addressed to each incorporator at his usual place of business or residence having been mailed five days before the meeting; but by agreement in writing of all incorporators this first meeting may be held without such notice.

Upon the organization of any business corporation, whether created by the general assembly or formed under the general act, a tax of one-tenth of one per centum of the capital stock named in its charter or written agreement, but in no case less than one hundred dollars, is to be paid to the State Treasurer.

II. POWERS:

By general statute corporations are given all the usual powers of such bodies (Public Statutes, Chapter 152), and may adopt such by-laws not inconsistent with the law as may see fit; but if incorporated by the sole authority of this State, they must have a place of business and transfer books of stock in this State. In addition to the general statute there are special statutes regulating railroads, banks, savings banks, insurance companies of various kinds, and building associations. There is also a statute (Public Statutes, Chapter 155) regulating manufacturing corporations, and it has been the custom of the legislature to make all corporations not included in any of the special statutes referred to above subject to the provisions of this chapter, and the general act of incorporation also distinctly makes all incorporations under it subject to it, whether they are manufacturing corporations or not. The provisions of this chapter include the following: That no note can be taken in payment of subscriptions to stock; no loan shall be made to any stockholder under penalty of personal liability of the officers making it; no debts shall be incurred in excess of capital stock paid in, under a similar liability of the directors; that no part of the capital stock shall be refunded until all debts are paid; and no dividend declared which shall render the corporation insolvent until the whole of the capital stock has been paid in and a certificate thereof, signed and sworn to by the president, majority of the directors, the treasurer and clerk, or by such officers as the by-laws require, is filed in the clerk's office of the town where its manufactory is, or in the town where it has its office.

III. LIABILITIES:

Members of a corporation remain jointly and severally liable for all debts incurred, but this liability "is limited to the shares of such members paid up to the par value thereof," until a certificate that the stock is fully paid in is filed with the clerk of the town within which the principal business is carried on.

Officers refusing or neglecting to make and file said certificate within ten days are personally liable until they do so. A like liability arises "in an additional amount not to, but not exceeding, the par value of their said shares," if an annual certificate signed and sworn to as above "truly stating the amount of its capital stock actually paid in, the value as last assessed for a town tax of its real estate, the value of its personal assets, and the amount of its debts and liabilities," at the end of each year, be not filed in the town clerk's office as above before February 15th of the following year.

There are provisions for stockholders protecting themselves by filing and publishing similar certificates if the officers neglect to do so.

Persons holding stock as executors, administrators, guardians, trustees, or as collateral security, are not held personally liable as stockholders.

IV. CAPITAL STOCK:

A corporation created by the general assembly may by Public Statutes, Chapter 155, of Manufacturing Corporations increase or decrease its stock within the limits of its charter by vote of the corporation; and a certificate thereof must be filed in the town clerk's office as aforesaid. Corporations formed under the general act may do the same by vote of three-fourths of the capital stock, by a certificate attested by the president and secretary of the corporation must be filed with the Secretary of State, and in case of decrease all stockholders must be notified.

V. DISSOLUTION:

Whenever a corporation is insolvent, or its assets are being misapplied, or in danger of being lost by reason of the fraud, negligence or misconduct; or in case of the continued absence of executive officers from the State of corporations which have omitted for an unreasonable time to hold meetings, or for acts of forfeiture at common law, a receiver may be appointed on the petition of a stockholder or creditor by the appellate division of the Superior Court, and the corporation may also be dissolved.

VI. FOREIGN CORPORATIONS:

Agents of foreign insurance, telegraph and telephone companies, and building associations, doing business in this State are required under penalty to make annual returns and to pay an annual tax upon their receipts. No foreign corporation other than those existing by virtue of the statutes of the United States can carry on business in this State until they have appointed a resident attorney to accept service of legal process; and a penalty of one thousand dollars is imposed upon any person acting as agent or officer before such appointment. Foreign insurance companies and building associations are also subject to other restrictions.

DIGEST OF THE

COMMERCIAL LAWS

OF SOUTH CAROLINA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by ELLIOTT & ELLIOTT, Attorneys-at-Law, Beaufort, South Carolina.

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COMMERCIAL LAW.

I. ALIENS:

Property of every description may be acquired, held and disposed of by an alien, in the same manner in all respects, as by a natural born citizen.

Foreign corporations have all rights granted to aliens.

A widow, alien, whose husband died possessing property, shall have the same rights as if she were naturalized.

II. ASSIGNMENTS:

Whenever any debtor shall assign his or her property for the benefit of his or her creditors, it shall be lawful for said creditors to name and appoint an agent or agents equal in number to the assignees, to act in their behalf jointly with the assignees named and appointed by the assignor. It shall be the duty of the assignees within ten days after the execution of the deed of assignment, to call the creditors together, to proceed to the appointment of their agent or agents; and all sales made prior to such appointment are void. If the assignees neglect this duty the creditors may meet and appoint agents, and on an order of court may take possession of the property covered in the deed of assignment and dispose of the same.

In the appointment of agents the majority in amount of the debts represented by the creditors present at the meeting shall govern. Should the creditors not appoint agents, the assignees may dispose of the property.

It shall be the duty of the assignees and agents to lay every three months before the creditors an exact statement of their proceedings.

A commission of five per cent on money received and two and a half on money paid out shall be equally divided between the assignees and the agents.

Any assignment by an insolvent debtor of property for the benefit of creditors in which preference is given to any creditor over another, other than that the same be distributed among all creditors of said insolvent debtor equally in proportion to the amount of their several de-

mands, without preference or priority, save only as to debts due the public, as to such creditors, who, accepting the terms of such assignment, shall execute a release of their claims and as further provided below, shall be absolutely null and void, and of no effect whatever.

All acts of the insolvent debtor disposing of his property in any way within ninety days prior to his assignment are void, except bona fide security for a loan. A creditor may attach an assignment without having put his claim in judgment. A person imprisoned for debt may be discharged from arrest by surrendering to an assignee appointed by the clerk of the court all his property.

III. ATTACHMENTS:

Attachments may be obtained from the trial justice before whom the suit is brought, or from the clerk or judge of the court in which the action is brought, in any action for the recovery of money; or property, real or personal, and damages for the wrongful conversion and detention of personal property; or damages for injury done to either person or property; or against a corporation created by or under the laws of any other state, government or country; against a person who is not a resident of this State; against a defendant who has absconded or concealed himself; or whenever any person or corporation is about to remove any of his or its property from this State, or has assigned, disposed of, or secreted, or is about to assign, dispose of or secrete, any of his or its property, with intent to defraud creditors.

The attachment must be obtained at the issuance of the summons, or at any time thereafter. The warrant of attachment is issued upon an affidavit made by the plaintiff or his authorized agent and must show a cause of action and the exact cause for which the attachment is to be issued. Such affidavit and warrant must be filed with the clerk of the court within ten days.

Before the warrant is issued the plaintiff must give a written undertaking, with sufficient surety, to the effect that if the defendant recover judgment, or the attachment be set aside by order of the court, the plaintiff will pay all costs that may be awarded to the defendant, and all damage which he may sustain by reason of the attachment, not exceeding the sum specified in the undertaking, which shall be at least two hundred and fifty dollars, except in case of a warrant issued by a trial justice, when it shall be at least twenty-five dollars.

An attachment binds the real estate from the day of lodgment and all attachments lodged on the same day rank together. An attachment may be obtained before the maturity of a debt when the defendant evades the debt or the summons, but judgment cannot be taken until the maturity of the debt. The defendant may have the attachment discharged by filing an undertaking in double the amount claimed by the plaintiff in his complaint. The undertaking must be executed by at least two sufficient sureties, who are resident and freeholders or householders in this State, and approved by the court or its officer.

IV. CLAIMS AGAINST ESTATES:

Every executor or administrator shall give three weeks' notice by advertisement in a county paper for creditors to render an account of their claims duly attested; and he shall be allowed twelve months to ascertain the debts due from the deceased, reckoning from the probate of the will or grant of administration, and any creditor who shall neglect to give a statement of his claims within that time cannot hold executor or administrator liable.

Debts shall be paid: 1. Funeral and other expenses of the last illness. 2. Debts due to the public. 3. Judgments, mortgages, and executions—the oldest first. 5. Bonds, debts by specialty and debts by simple contract.

Proof of a claim against the estate of a deceased person is made by affidavit, stating that the account is just and true and that no part thereof has been paid by discount or otherwise. Executors give no bond and administrators give a bond double in value that of the estate upon which they are to administer upon.

V. COURTS:

The Supreme Court of South Carolina is the highest appellate court, and reviews upon appeal final judgments and orders brought up from the Courts of Common Pleas and General Sessions.

The Court of Common Pleas has original jurisdiction in all cases in which exclusive original jurisdiction is not granted to some other court. In nearly all cases it has appellate jurisdiction over the inferior courts of the State.

The Probate Court has jurisdiction in relation to the appointment and removal of guardians of minors, insane and idiotic persons, and persons non compos mentis, and in relation to the duties imposed by law on such guardians, and the management and disposition of the estates of their wards. Also in all matters testamentary and of administration, in business pertaining to minors and allotment of dower, in cases of idiocy and lunacy and of persons non compos mentis. The court is deemed open at all times for the transaction of ordinary business.

The Justice Court has jurisdiction in the following cases where the amount does not exceed one hundred dollars: Actions on contracts for the recovery of money only; for damages for injury to rights pertaining to property; for penalty, fine or forfeiture; action commenced by attachment; action upon a bond; action on a surety bond; confessions of judgment; action for damages; fraud in sale, purchase, or exchange of personal property; action to recover the possession of personal property claimed. Trial justices have no jurisdiction where the title to real estate shall come in question.

VI. FEES:

Acknowledgment before notary public	$ .25
Acknowledgment before justice	.25
Acknowledgment before clerk of court	.25
Attachment	3.00
Appeal: contingent.	
Commencement of suit in Justice Court	.85
Commencement of suit in court of record	1.90
Incorporation	2.00
Mandamus: contingent.	
Probate: contingent.	
Protest	2.00
Record: per folio 90 words	.09
Redemption.	
Sheriff for serving summons and complaint	1.00
Special proceeding	1.50
All other fees contingent.	
Transcription	.75
Witness, mileage each way 5 cents, and per day	1.00

VII. DEEDS:

Deeds for the conveyance of real estate must be under seal, and signed by the grantor in the presence of at least two witnesses, who shall subscribe their names thereto. Deeds relating to railroads must be recorded in the office of the Secretary of State.

Deeds of conveyance must be executed in the presence of two or more credible witnesses who shall subscribe their names thereto.

Before any deed or other instrument in writing can be recorded in this State, the execution thereof shall be first proved by the affidavit of a subscribing witness to said instrument. Where the subscribing witness is dead proof of his handwriting shall be sufficient.

All deeds shall be valid so as to affect from the time of such delivery or execution, the right of subsequent purchasers or creditors for valuable consideration without notice, only when recorded within forty days from the time of the execution or delivery in the office of the register of mesne conveyance of the county where the property affected is situated, in the case of real estate. If recorded after forty days it is notice from the time of recording.

VIII. DEPOSITIONS:

Where witnesses reside out of the State or county where the trial is to be had, any judge or clerk of the Circuit Court may grant commissions under the seal of the court to three or more commissioners, any two of whom may act, to take the deposition in writing of the witnesses named in the commission. Ten days' notice with a copy of the interrogatories must be given to the opposite party.

Subpoenas: Commissioners are empowered within this State to subpoena witnesses.

Commissioners appointed by other states to take depositions in this State, on producing their commission to any judge of the Supreme Court or Circuit Court of this State may have subpoenas issued for witnesses in this State.

All persons unable to leave home by reason of age, infirmity, sickness or bodily hurt may be examined by commission; and in case of refusal shall be liable for damages.

Depositions de bene esse may be taken by any officer of the State authorized to administer an oath when the witness is about to depart from the county in which the trial is to be held. Such deposition must be written by the officer, or by the deponent in the officer's presence; and must be subscribed by the deponent.

IX. DESCENT:

When any person shall die without disposing of the same by will, his estate, real and personal, shall be distributed in the following manner:

1. If he leave a widow and one or more children, the widow takes one-third, and the rest is divided between the children; if one child, the remainder is vested in that one. 2. If the intestate shall leave no child or other lineal descendant, but shall leave a widow, and a father or mother, and brothers or sisters, of the whole blood, the widow shall be entitled to one moiety, and the other moiety shall be divided between the father and mother and brethren of the whole blood; the children of a deceased brother or sister to take the share to which their parent was entitled, but no representation is admitted among collaterals after brothers' and sisters' children. 3. If he leave a widow and brothers or sisters, the widow shall be entitled to one moiety of the estate, and the brothers and sisters to the other moiety as tenants in

common. 4. If the intestate leave only a widow and a brother or sister of the half blood, and a child or children of the whole blood, the widow shall be entitled to one moiety, the other moiety to be equally divided between the brothers and sisters of the half blood, and the children of the brothers and sisters of the whole blood, such children taking among them a share equal to the share of a brother or sister of the half blood. 5. If he leave only a widow and a lineal ancestor, the widow shall take one moiety and the lineal ancestor the other moiety. 6. If he leave no child or other lineal descendant; father, mother, brother or sister of the whole blood or child of such brother or sister of the whole blood, nor brother or sister of the half blood, nor lineal ancestor, the widow shall take two-thirds, and the remainder shall descend to the next of kin.

If intestate shall leave no widow, the provision made for her shall go as the rest of the estate is directed to be distributed in the respective classes in which the widow is provided for.

On the death of a married woman, the husband shall have the same share of her estate as is given to the widow, the rest to be divided as in the case of the death of a married man. And if she leave no husband the provision made for him shall go as the rest of the estate is directed. If a married woman or married man die leaving no next of kin then the husband or wife shall inherit the whole.

X. EXECUTIONS:

No judgment can be entered by the clerk of the court until the expiration of five days after the last day of the term at which the judgment was taken, and executions can be issued immediately upon the entry of judgment, and are made returnable within sixty days. Actual levy is necessary for an execution to bind the personal property of the defendant, and the lodgment of the execution with the sheriff is no lien upon personal property.

XI. HOMESTEAD:

A homestead in lands, whether held in fee or any lesser estate not exceeding in value one thousand dollars, with the yearly products thereof, shall to the head of every family residing in this State be exempt from attachment, levy or sale or any mesne or final process issued by any court upon any judgment obtained upon any right of action arising subsequent to the ratification of the Constitution of the State of South Carolina; and it shall be the duty of the sheriff or any other officer before selling the real estate of any head of a family resident in this State, to cause the homestead, as above stated, to be set off to the said person.

No waiver of the right of homestead, however solemn, made by the head of a family at any time prior to the assignment of the homestead, shall defeat the homestead.

A widow is the head of a family, though childless. (Yoe vs. Hanvey, 25 S. C., 94.) Also a single woman who has dependent sister living with her. (Chamberlain vs. Brown, 33 S. C., 597.) A bachelor is not entitled to it (Garaty vs. Du Bois, 5 S. C., 493), but a father is who has a child living with him (Meyers vs. Ham, 20 S. C., 522) even though the child be an adult married son, living separate from his wife (Rollins vs. Evans, 23 S. C., 316).

Exemption of personal property to the value of five hundred dollars shall be allowed to the head of a family, whether entitled to homestead in real estate or not, and in case of dispute as to the homestead by the creditors, the officer shall cause the same to be appraised as in the case of real estate.

If the husband have not sufficient property to constitute a homestead, the wife may have homestead set off to her; but the total homestead between them shall not exceed one thousand dollars in real estate and five hundred dollars in personalty.

When no process has been lodged the head of family may have homestead set off by officer authorized to do so.

XII. INTEREST AND USURY:

Statutory Rate: No greater rate of interest than seven per centum per annum shall be charged, taken, agreed upon or allowed upon any contract arising in this State for the hiring, lending or use of money or other commodity, except upon written contracts, wherein, by express agreement, a rate of interest not to exceed eight per cent may be charged.

No person or corporation lending or advancing money or other commodity upon a greater rate of interest shall be allowed to recover in any court of this State any portion of the interest so unlawfully charged; and the principal sum, amount or value so lent or advanced, without any interest, shall be deemed and taken by the courts of this State to be the true legal debt or measure of damages to all intents and purposes whatsoever, to be recovered without costs.

Provided, That the provisions of this foregoing section shall not apply to contracts or agreements entered into, or discounts or agreements made, prior to the first of March, 1890.

No interest is allowed on open accounts.

XIII. JUDGMENTS:

Judgments are a lien on lands for the period of ten years, and may be extended by scire facias for a like period of ten years. The judgment acts as a lien on lands from the time of entry and no judgment can be entered by the clerk until five days after the adjournment of the term at which the judgment is taken.

XIV. LIENS:

Taxes are a first lien on property.

Every landlord leasing lands for agricultural purposes has a prior lien for his rent to the extent of all crops raised on the lands, whether by tenant or other persons. No writing is necessary to create the lien, but it exists from the making of the contract, whether written or verbal.

Laborers have a lien when working on shares of crops, or for wages in money or other valuable consideration, upon the crop or crops raised or grown on the lands of employer in whose hands soever it may be. Mechanics have a lien on the buildings and the lands improved thereby for furnishing labor and supplies.

Liens on crops for advances for agricultural purposes are given a preferance over all others, existing or otherwise, to the extent of such advances. Every lien for advances must be indexed in the office of the register of mesne conveyances of the county in which the lienor resides within thirty days of the date thereof.

Landlord's lien upon the crops of his tenant ranks first; next after is the lien of the laborers who assisted in making the crop, and the third in rank is the lien for agricultural supplies.

XV. LIMITATIONS:

The State will not sue any person for or in respect to any real property, or the issues or profits thereof, by reason of the right, title or interest of the State to the same, unless: 1. Such right or title shall have accrued within twenty years before any action or other proceeding for the same shall be commenced; or unless: 2. The State, or those from whom it claims, shall have received the rents and profits of such real property, or of some part thereof, within the space of twenty years.

No action for the recovery of real property, or the possession thereof, shall be maintained unless it appear that the plaintiff, his ancestor, predecessor, or grantor was seized or possessed of the premises in question within ten years before the commencement of such action. The plaintiff is limited to two actions for the recovery. In case of disability the time does not commence to run until the disability is removed.

In case of a judgment, bond, or other contract in writing secured by mortgage of real property, and an action upon a sealed instrument other than a sealed note or personal bond for the payment of money only, the limitation is twenty years.

In an action upon a contract, obligation or liability other than is provided for above; an action for liability created by statute, other than penalty or forfeiture; action for trespass on or damage to real property; actions affecting personal property; criminal conversation; relief on ground of fraud; and actions on policies of insurance, the limitation is six years.

In actions against a sheriff, coroner, or constable for liability incurred in official capacity, or omission for penalty or forfeiture, or an action against the sheriff or other officer for the escape of a prisoner arrested on civil process, the limitation is three years.

In actions for libel, slander, assault and battery, or false imprisonment, and an action upon a statute for a forfeiture or penalty to the State, the limitation is two years.

XVI. MARRIED WOMEN:

A married woman's property whether acquired before or after marriage is not liable to her husband's debts. All incomes from her property shall be governed by the same laws as her property. A married woman has the power to dispose of, convey and will her property in the same manner as an unmarried woman. She may also place incumbrances upon it.

XVII. MORTGAGES:

Mortgages on real estate must be executed and proved in the manner provided in the case of conveyances. They should be recorded in the office of the register of mesne conveyance of the county in which the land is situated, within forty days after the execution, to constitute a valid lien. Mortgages on real estate are foreclosed by suit of foreclosure, begun by ordinary service of complaint and summons.

Unless a different period is fixed for the advertisement of sale under a chattel mortgage in the deed itself, or the grantee shall in writing have consented to some other mode, the sale shall be advertised at least fifteen days in three public places; one of which shall be on the court house door; or published at least two weeks in a newspaper published in the county. The mortgagor has at any time before sale the right to redeem the property by paying the debt and costs.

XVIII. NOTES AND BILLS:

The laws of this State follow the general mercantile law in regard to notes and bills of exchange.

XIX. SUITS:

Suits are begun by the service of a summons in which the defendant is required to answer the complaint within twenty days or judgment will be taken against him by default. If the defendant answers, the action may be placed upon the docket of the court at any time up to fourteen days previous to the first day of the term of court; and if the plaintiff does not have the cause so placed on the docket the defendant may, seven days before the first day of the term, have the cause placed upon the docket, and it shall stand for trial without further notice of trial.

The action may also be commenced by the service of the summons alone, in which the defendant is notified where the complaint is or will be filed.

XX. TAXES:

All persons owning personal property subject to taxation shall, between the first day of January and the twentieth day of February, make a return, verified by oath, of such property. Taxes are payable at the time fixed annually by the act of the General Assembly.

XXI. WILLS:

All wills and testaments of real and personal property shall be in writing, and signed by the party executing the same, or by some other person in his presence, and by his express directions, and shall be attested and subscribed in the presence of the said testator, and of each other, by three or more credible witnesses, or else shall be utterly null and void.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF SOUTH DAKOTA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by MARTIN & MASON, Attorneys-at-Law, Deadwood, South Dakota.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments of deeds or instruments within the State may be made before a justice or clerk of the Supreme Court or notary public; and within the judicial district, county subdivision, or city for which the officer was elected or appointed, before the judge or clerk of any court of record, mayor, justice of the peace, register of deeds, United States Circuit or District Court commissioner, a county clerk or county auditor.

If without the State, before any judge or clerk of a court of record of the United States, or any state or territory; a notary public or any other officer of the state or territory where the acknowledgment is made, authorized by its laws to take such proof or acknowledgment, or a commissioner of deeds appointed by the Governor of this State.

In foreign countries, before a minister, commissioner, diplomatic or consular agent of the United States, or a judge or notary public of said country. Letters patent from the United States and final receivers' receipts from the United States land offices may be recorded without acknowledgment or further proof.

II. ASSIGNMENTS:

An insolvent debtor may in good faith make an assignment in trust for the benefit of his creditors, which may provide for any subsisting liability of the assignor, whether absolute or contingent. Such assignment is subject to provisions of the code relative to trusts and fraudulent transfers. Any debtor may make assignment, without preference of creditors, but is not relieved from liability for any unpaid balance to his creditors.

III. ATTACHMENT:

Attachment process issues at the time of granting the summons or at any time afterward in actions on contracts for the recovery of money only, or for wrongful conversion of personal property, against a foreign corporation or non-resident defendant; or when defendant has absconded or concealed himself, or has assigned, disposed of, or secreted his property, or is about to do so with intent to defraud creditors; or when the debt was incurred for property obtained under false pretenses.

Plaintiff must make affidavit and furnish bond in not less than two hundred and fifty dollars in Circuit Courts; and at least fifty dollars and not exceeding three hundred dollars in Justices' Courts.

Real and personal property, debts, moneys, credits and bank-notes may be attached or levied on under execution or attachment.

IV. COURTS:

Circuit Courts have chancery and common law jurisdiction above one hundred dollars' in value and where the title to real property is concerned; and sit twice a year in nearly all the counties.

County Courts hold two terms a year, and are always open for business. They have exclusive probate jurisdiction, and in counties of a population of ten thousand, civil jurisdiction concurrent with the Circuit Courts to one thousand dollars; in counties of a less population, five hundred dollars.

Justice's jurisdiction is not more than one hundred dollars. Circuit and County Courts also have concurrent jurisdiction with Justices' Courts for sums less than one hundred dollars.

V. FEES:

Acknowledgment before notary public, justice, or clerk of court	$ .25
Attachment: default	5.00
Appeal: dependent on number and character of papers.	
Commencement of suit in Justice Court; about	2.00
Commencement of suit in court of record: about	2.00
Incorporation: Secretary of State, fees	10.00
Mandamus: dependent on number and character of papers.	
Probate: dependent on number and character of papers.	
Protest	2.00
Each notice	.25
Record: in deeds, depending on number of words, from	1.25
Redemption: amount of sale, plus 12 per cent interest from date of sale.	
Sheriff: contingent.	
Transcription: deposition, per 100 words	.15
Stenographer, per 100 words	.10
Witness: Mileage one way 10 cents, and per day	1.00

VI. EXECUTIONS:

Issue as of course at any time within five years after judgment and must be returned within sixty days. Lands levied on need not be appraised, but notice of sale must be given. Same provisions apply in Justices' Courts as to levy, etc., on personal property. There is no stay law, and execution can only be stayed by order of the court for irregularity, by injunction, or by appeal with security given. Real estate sold under execution may be redeemed within one year.

VII. EXEMPTIONS:

Homestead: One acre if within a town plat and one hundred and sixty acres if not, with house and appurtenances of five thousand dollars in value. Exemption is absolute except as to taxes, laborers' or mechanics' wages or for physicians' services, mechanics' lien for work on the homestead, property obtained under false pretenses, and debts created for the purchase thereof. Personal property exempt to value of seven hundred and fifty dollars, or an enumerated exemption in lieu thereof.

VIII. INTEREST:

Legal rate seven per cent, but parties may contract in writing for twelve per cent. Usury forfeits usurious interest. Interest on open accounts runs from date of last item charged, whether debit or credit. Legal rate allowed on judgments.

IX. JUDGMENTS:

Judgments of courts of record are a lien on all real estate except the homestead, for ten years from time such judgment is docketed in the clerk's office of the county where the land is situated, and are renewable for not exceeding twenty years. In courts of record judgment may be obtained within thirty days after service of summons and complaint; in Justices' Courts, four days, where no defense is interposed.

X. LIENS:

Every miner, or other person, who, at the request of the owner or owners, or his or their agents, of any lode, mine or deposit, or at the request of any contractor or subcontractor, shall perform any labor whatever on said mine, or furnish any timber, rope, nails or any other materials for timbering shafts or levels for the mine owned by such owner or owners; or who shall furnish any kind of materials for erecting any windlass, or any other hoisting apparatus or machinery; or for any car track, cars, tunnels, drifts or openings thereon; or shall perform any labor on any tunnel or other mining works, shall have a first lien, prior and superior to every other lien except that of the State or the United States which shall be created after the passage of the Act (March 13, 1885) on such lode, mine, deposit, bank or tunnel, to secure the payment for the same.

Every such miner performing any work or furnishing any materials under a contract express or implied between the owner and any contractor working on such mine may deliver to the owner or owners of such mine or tunnel, or to his or their agent or superintendent, an attested account of the amount and value of the work and labor thus performed, or of the materials thus furnished, and remaining unpaid, and thereupon such owner or owners or his or their agent shall retain out of the first subsequent payments to such contractor the amount so due. It shall be the duty of such owner to furnish such contractor with a copy of such papers, and if such contractor shall not within ten days after the receipt of such papers give such owner written notice that he intends to dispute the claim, or if, ten days after giving such notice, he shall refuse or neglect to have the matter adjusted, he shall be considered as assenting thereto, and such owner or owners may pay the same when it becomes due, and for that purpose may deduct the amount out of any moneys due such contractor. The amount which may be due from any contractor to his creditor may be recovered from said owner or owners by the creditor of said contractor in an action at law to the extent in value of any balance due by the owner or owners to said contractor.

Any person entitled to such a lien shall make an account of the items of labor or material furnished, and, after verifying the same, shall within sixty days after the time of completing such labor, or furnishing the last item of material, and, together with a correct description of the property to be so charged, file the same in the office of the clerk of the Circuit Court of the county or subdivision in which the mine is situated, and thereupon the same shall, from the time of the completion of the work, or furnishing the last item of materials, and for one year thereafter, operate as a lien upon the property charged in such description. When any work or labor has been performed, or materials furnished as aforesaid under a written contract, the same, or a copy thereof, shall be filed with such account and description. All such liens shall be concurrent liens. In all actions to enforce any such lien, all persons claiming liens upon the property charged shall be made parties, and the rights of all parties shall be determined by the court.

The foregoing lien law applies to oil wells or springs, iron and lead mines as well as all other mines not before specified so far as the same may be applicable.

XI. LIMITATIONS:

Personal actions, two years; on contracts or obligations, six years; on sealed instruments, judgments or decrees of any court, and in real actions, twenty years.

XII. MARRIED WOMEN:

Retain their own real and personal property, and may make contracts, sue and be sued as if sole. Neither husband nor wife has any interest in the property of the other. Dower and curtesy are abolished. A married woman retains the same legal existence and personality after as before marriage, and shall receive the same protection of all rights as a woman which her husband does as a man, and has the same right to sue in her own name as her husband has in his.

XIII. MILLDAMS:

Any person desiring to erect a milldam upon his own land, and deeming it necessary to damage by overflowing, or otherwise, real estate not owned by him, shall present to the judge of any court of record in the county a petition setting forth the place where said dam is to be located, the height to which it will be raised, the purpose to which the water power will be applied, etc., whereupon the judge shall appoint three commissioners, who shall, upon notice, hear testimony and make an assessment of damages. An appeal lies from such assessment to the court aforesaid by any party interested, excepting a petitioner, at any time within thirty days from the time of the notification of the filing of the commissioners' report. The appellant shall file an appeal bond in double the amount of the assessment appealed from, in the usual terms.

Upon payment of the damages assessed, judgment shall be entered declaring the right to erect and maintain a milldam according to the petition, and shall be and remain in the petitioner, his heirs and assigns forever, subject to be lost by a failure for one year thereafter to begin to build said dam and to finish the same, and apply the water power thereby created to the purposes stated in petition, within three years; or, in case the mill and dam shall be destroyed, the petitioner's right is lost by a failure to rebuild in one year after such destruction, and finish in three years, or by failure to keep such mills in operation for one year at any one time.

All actions for damages occasioned by the erection and maintenance of the milldam shall be brought within two years after the erection of said dam, provided that such limitation shall not run against or apply to persons living on and holding government land under the pre-emption laws, until a patent for the land overflowed shall have been issued.

XIV. MORTGAGES:

Mortgages of realty must be in writing, with the formalities required in case of a grant of real estate. Wife need not join except in mortgage of homestead. If containing power of sale, may be foreclosed by advertisement without intervention of court. Mortgagor has possession of the premises during the year of redemption after sale, and is entitled to an additional year of redemption upon payment of taxes, accrued interest and one year's interest in advance.

Chattel mortgages are void as against creditors and subsequent purchasers in good faith unless filed in office of register of deeds within the county. A chattel mortgage taken by insurance company is void unless written on paper distinct from application. Chattel mortgages are not good upon farm crops not in actual existence, except crops to be grown in one year thereafter.

XV. NOTES AND BILLS:

There is no statutory law requiring that commercial paper should be made payable at a bank or at any other specified place. Three days of grace allowed on all bills of exchange or sight drafts, whether foreign or domestic, and on all promissory notes, bills of exchange and drafts, on the face of which time is specified, and notes on demand.

CORPORATIONS.

I. ORGANIZATION:

Articles of incorporation must set forth: 1. Name of the corporation. 2. Purpose for which it is formed. 3. Place where its principal business is to be transacted. 4. Term for which it is to exist (not exceeding twenty years). 5. Number of directors or trustees, and names and residences of such of them as are to serve until the election of such officers, and their qualifications. 6. If there be a capital stock, its amount and the number of shares into which it is divided.

Said articles must be subscribed by three or more persons, one-third of whom must be residents of this State, and acknowledged by each before a notary public, or other officer authorized to take acknowledgments of conveyances of real property. At least two of the incorporators must also make oath that such corporation is not being formed for the purpose of enabling several corporations to avoid the provisions of Chapter CLIV, Laws of 1890, declaring certain combinations or trusts unlawful.

Upon the filing of the articles of incorporation and anti-trust oath with the Secretary of State, he will issue a certificate thereof, and thereupon the person or persons signing the articles, and their successors, become a body corporate.

II. BY-LAWS:

By-laws must be adopted within one month after the filing of such articles, and may provide for: 1. Time, place and manner of calling and conducting meetings. 2. The number of stockholders or members constituting a quorum. 3. The mode of voting by proxy. 4. Time of annual election of directors, and mode and manner of giving notice thereof. 5. Compensation and duties of officers. 6. Manner of election and tenure of office of all officers other than the directors. 7. Suitable penalties for violations of by-laws not exceeding in any case one hun-

dred dollars for any one offense. All by-laws must be certified by a majority of the directors and secretary of the corporation, and copied into a book of by-laws, which shall be open to the inspection of the public during office hours, and may be amended by a vote of two-thirds of the subscribed stock.

Any mining corporation may provide in the articles of incorporation for having a business office without the State at any place within the United States, and to hold any meeting of the stockholders or directors of the corporation at such office, but every such corporation must have its main office for the transaction of business within this State, to be also designated in such articles of incorporation.

III. MEETINGS AND ELECTIONS:

The directors of the corporation must be elected annually by the stockholders, and if no provision is made in the by-laws for the time of election, it must be held on the first Tuesday in June.

IV. REPORTS AND STATEMENTS:

Every mining corporation shall annually, within twenty days from the 1st of January, make a report, which must be published in some newspaper published at or nearest to the place where the business of such corporation is carried on, which report must state the capital stock, and amount thereof actually paid in, the amount and nature of its indebtedness, and the amounts due the corporation, the number and amount of dividends, and when paid, and the net amount of profits. The said report must be signed by the president and a majority of the directors, and be verified by the oath of the president, or secretary, of the corporation, and filed in the office of the register of deeds of the county where the business of the corporation is carried on. A willful neglect or refusal to make and publish such report is a misdemeanor.

V. FOREIGN CORPORATIONS:

No corporation organized under the laws of any other state shall transact any business within this State, or acquire, hold and dispose of property within this State until such corporation has filed in the office of the Secretary of State a duly authenticated copy of its charter, or articles of incorporation, and shall have appointed an agent residing in the county in the state where the principal business of the corporation is carried on, duly authorized to accept service of process. A duly authenticated copy of such appointment of such agent shall be filed and recorded in the office of the Secretary of State and register of deeds of the county where such agent resides.

MINING.

I. LOCATION AND RECORD:

Mining claims shall not exceed fifteen hundred feet along the vein by one hundred and fifty feet on each side of the center thereof.

The discoverer of a lode shall, within sixty days from the date of discovery, record his claim in the office of the register of deeds of the county in which such lode is situated by a location certificate, which shall contain: 1. The name of the lode. 2. The name of the locator or locators. 3. The date of location. 4. The number of feet in length claimed on each side of the discovery-shaft. 5. The number of feet in width claimed on each side of the claim or lode. 6. The general course of the lode as near as may be. Any location certificate which does not contain the foregoing requirements and such description as shall identify the claim with reasonable certainty shall be void.

Before filing such location certificate, the discoverer shall make formal location by: 1. Sinking a discovery-shaft sufficient to show a well-defined mineral vein or lode. 2. By posting at the point of discovery on the surface a plain sign, or notice, containing the first five requisites of the location certificate above given. 3. By marking the surface boundaries of the claim by eight substantial posts hewed or blazed on the side or sides facing the claim and plainly marked with the name of the lode, and the corner, end or side of the claim that they respectively represent; sunk in the ground, or, when necessary, in a monument of stone, and placed one at each corner, one at the center of each side-line, and one at each end of the lode.

No location certificate shall claim more than one location, whether the location be made by one or several locators; and if it purport to claim more than one location, it shall be absolutely void, except as to the first location therein described, and if they are described together, or so that it cannot be told which location is first described, the certificate shall be void as to all.

II. AMENDMENT OF CERTIFICATE:

If at any time the locator of any mining claim, or his assigns, shall apprehend that his original certificate was defective, erroneous, or that the requirements of the law had not been complied with before filing, or shall be desirous of changing his surface boundaries, or of taking in any part of an overlapping claim which has been abandoned, such locator, or his assigns, may file an additional certificate, subject to the foregoing provisions, provided that such re-location does not interfere with the existing rights of others at the time of such re-location, and no such re-location or the record thereof shall preclude the claimant or claimants from proving any such title or titles as he or they may have held under previous locations.

III. RE-LOCATION:

The re-location of abandoned lode claims shall be by sinking a new discovery-shaft, and fixing new boundaries in the same manner as if it were the location of a new claim; or the re-locator may sink the original shaft, cut or adit to a sufficient depth to disclose the vein and erect new or adopt the old boundaries, renewing the posts if removed or destroyed. In either case, a new location stake shall be erected. In any case, whether the whole or a part of an abandoned claim is taken, the location certificate must state that the whole or any part of the new location is located as abandoned property.

IV. RIGHT OF WAY:

All mining claims shall be subject to the right of way of any ditch or flume for mining purposes, or of any tramway, or pack trail, provided such right of way shall not be exercised against any location duly made and recorded and not abandoned prior to the establishment thereof, without consent of owners, except by condemnation.

V. ASSESSMENT WORK:

Requirement as to annual work is the same as that of the United States statutes.

VI. DISPUTED TITLES:

In all actions wherein the title to any mining claim is in dispute, the court or judge thereof may, upon proper application, enter an order for an underground as well as surface survey of such part of the property in dispute as may be necessary to a just determination of the question involved.

In all actions for recovery of value, attachment process, and conveyance, sluice boxes, flumes, hose, pipes, railway tracks, cars, blacksmith shops, mills, and all other machinery or tools used in developing or working a mine are to be deemed affixed to the mine, and are real estate.

In all matters not hereinbefore abstracted, the Revised Statutes of the United States govern.

VII. QUARRIES:

Quarries located on other than public lands of the United States are governed by the ordinary rules applicable to real estate.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF TENNESSEE,

Compiled for the MINE, QUARRY AND METALLURGICAL RECORD by GRANBERY & MARKS, Attorneys-at-Law, American Building, Nashville, Tenn.

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COMMERCIAL LAW.

I ALIENS:

Aliens may hold, inherit and transmit property, real and personal, the same as native citizens.

II. ASSIGNMENTS:

Preferential assignments or any other device, such as confession of judgment, or sale, etc., whereby substantially all of a debtor's property is applied to payment of preferred debts, are forbidden by act of May 7th, 1895. Assets of an insolvent will be distributed ratably among all creditors. In case of any act attempting to give a preference, the Courts of Chancery on application of any creditor will administer the assets through the instrumentality of a receivership. The act has no application to conveyances made at the time, to secure payment for property bought, credit given, or money loaned, or money or supplies advanced to make a crop; but it is required in such cases that the instrument evidencing the contract shall be registered immediately. Sales and pledges of personal property, accompanied by delivery do not fall within the requirements of registration. The act has no application to conveyances made to secure or pay debts owing at the time of its enactment.

An assignee must give bond and take an oath for faithful performance of his duties. Claims must be filed within one year.

III. ATTACHMENT:

Process will issue: where the debtor resides out of the State; is about to remove or has removed himself or property from the State; has removed, or is removing himself from the county, privately; is concealing himself, so that the ordinary process of law cannot be served upon him; absconds or is absconding, or concealing himself or property; has fraudulently disposed of, or is about fraudulently to dispose of his property; or, when any person liable for any debt, residing out of the State, dies, leaving property in the State. Attachment will also issue on demands not due. When debtor and creditor are non-residents of this State and are residents of the same state, the creditor shall not attach unless the property has been fraudulently removed to evade process in the state of residence. Debts due and not due owing to the defendant, and property of the defendant of any kind in the hands of a third person, are subject to garnishment.

IV. CLAIMS AGAINST ESTATES:

Residents are allowed two years after qualification of personal representative, and non-residents three years, in which to bring suit for claims against deceased. If the evidence of indebtedness is signed by the deceased or his agent, no further proof is needed to establish the claim. But if the claim consists of an account coming from another county or state, it will be sufficiently proved by the affidavit of the claimant to its correctness, to be made before some notary public or justice of the peace. No preference is allowed in the payment of debts, and all stand upon an equal basis. If personal representative has reason to believe that the estate is insolvent, he may, in the County Court, suggest insolvency, and notify all creditors to file claims with the clerk of the court in which insolvency has been suggested within a time to be fixed by the clerk; and if any creditor fail so to do, his claim will be forever barred. Suggestion of insolvency has no effect upon statute of limitations in regard to time for making demand of personal representative; the only effect of suggesting insolvency is to cause the creditors to file claims with the clerk of the court, instead of presenting them to the personal representative. If the personal property is insufficient to pay the debts of deceased, either the personal representative or any creditor may file a petition in either the County or Chancery Court, to have so much of the realty sold as may be necessary for the payment of the debts. If the estate is insolvent after the sale of realty all claims are paid pro rata, and the personal representative relieved of his trust.

V. COURTS:

The Circuit Courts hold three terms annually, and have generally common law jurisdiction in all cases involving over fifty dollars.

Chancery Courts, holding two terms annually, have full equity jurisdiction above fifty dollars, and concurrent jurisdiction with the Circuit Court of all civil causes, except actions for injuries to person, property or character, involving unliquidated damages.

Justices of the peace have jurisdiction in equity up to fifty dollars on all unsettled accounts, obligations, contracts, etc., to and for recovery of property; and for damages, except for libel and slander, up to five hundred dollars; upon all notes and upon indorsement of negotiable paper where demand and notice are expressly waived in the instrument, up to one thousand dollars.

Va. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .50
Attachment	6.00
Appeal	5.00
Commencement of suit in magistrates' court	1.40
Commencement of suit in court of record	6.00
Incorporation	13.00
Mandamus	6.00
Probate	3.00
Protest	1.50
Record	1.50
Sheriff: Levy fee, and graded commission.	
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Witness: Mileage 4 cents, and per day	1.00

VI. DEEDS:

Until registered, deeds are not good, except between parties and privies. Lands held by unregistered deeds are subject to the debts of both vendor and vendee. The wife must join in deed to convey homestead.

To authenticate an instrument for registration, its execution shall be acknowledged by the maker, or proved by two subscribing witnesses at least. If the person executing the instrument resides or is within the State, the acknowledgment shall be made before the clerk or legally appointed deputy clerk of the County Court of some county in the State. A notary public may also take acknowledgment of deeds. If the person executing the instrument resides, or is beyond or without the limits of the State, but within the Union or its territories, the acknowledgment may be made: before any court of record, or the clerk of any court of record in any of the states of the Union; or before a commissioner for Tennessee, appointed by the Governor, in any state or territory of the Union; or before a notary public of such state or territory. If the person executing the instrument resides, or is beyond the limits of the Union and its territories, the acknowledgment may be made: before a commissioner for Tennessee appointed in the country where the acknowledgment is made, or before a notary public of such country, or before a consul, minister or ambassador of the United States in the country where the acknowledgment is made. In all deeds where wife is a party to the conveyance, she must be examined apart from her husband.

The instrument and the various certificates must then be registered in the register's office of the county where the land lies, and this will be notice to all parties whatsoever.

VII. DEPOSITIONS:

Except in rare cases, all proof in chancery cases is by depositions. Any court or justice of the peace before whom an action is pending may make orders and issue commissions to take depositions, upon the application of either party, whenever the facts are made to appear by oath or otherwise, and an order or commission is necessary. The clerk or deputy clerk of any court of record may in like manner, make the order or issue the commission to take depositions upon a proper case made out. The court, or justice thereof, also may, on good cause

shown, prescribe the notice to be given to the opposite party of the time and place of taking the deposition. But either party litigant before any justice of the peace, or in any of the courts of this State may, without any order or commission, take the depositions of witnesses in all cases allowed by law, upon giving the opposite party legal notice of the time and place, or by filing interrogatories.

Depositions may be taken by any judge, mayor, justice of the peace, clerk of any court, commissioner for Tennessee or any lawful person appointed by the court or clerk of the court where cause is pending. In all cases, except the last, no commission is necessary. A notary public in this and other states may take depositions without a commission issuing to him.

VIII. DESCENT:

The land of an intestate owner is inherited by lineal descendants, collateral kindred, or ascendants: 1. By all the sons and daughters of deceased, equally; and descendants of such as may be deceased, by representation; and failing issue, or brothers or sisters, or their issue, by parent living. 2. If the estate was acquired by intestate, and he died without issue, by brothers and sisters of the whole and half blood, born before his death or afterward, equally; and their issue, by representation; and failing such, by the father and mother of intestate as tenants in common; and failing such, equally by the heirs or representatives of the father and mother in equal degree, the nearest in blood being preferred. 3. Where the land came to intestate by gift, devise or descent from parent or parental ancestor, and he die without issue; by brothers and sisters on the part of the parent from whom the estate came, in the same manner as by brothers and sisters of the whole blood, until such line is exhausted, to the exclusion of the other line; failing such, estate goes to the parent, if living, from whom or whose ancestors it came, in preference to the other parent; and if both parents be dead, then to the heirs of the parent from whom or whose ancestor it came.

In the absence of heirs at law capable of inheriting the real estate, it is inherited by surviving husband or wife in fee simple. The personal representative of intestate distributes the remainder of the personality, after paying all indebtedness, as follows: 1. To the widow and children, or the descendants of children representing them, equally. 2. To the widow altogether, if there are no children, nor descendants of such. 3. To the children or their descendants equally, if there is no widow. 4. If no children, to the father. 5. If no father, to the mother, brothers and sisters, or the children of such equally. 6. If no brothers and sisters, or their children, exclusively to the mother; if no mother, exclusively to the brothers and sisters, or their children representing them. 7. If no mother, brother or sister, or their children, to the next of kin of the intestate who are in equal degree, equally.

IX. EXECUTIONS:

Issue from Chancery and Circuit Courts within thirty days, when the court continues in session less than two weeks; if more than two weeks, within forty days; and if more than four weeks, within thirty days after the rendition of judgment. Issue from the Supreme Court within sixty days after the adjournment of each term; and from Justice Court within two entire days after judgment is rendered.

X. EXEMPTIONS:

Homestead, to value of one thousand dollars, and personal property, consisting of household goods, supplies, tools and stock, etc., amounting in all to about one thousand two hundred dollars.

XI. INTEREST:

The legal rate is six per cent. A contract for more is void as to excess, and an instrument showing usury on its face cannot be sued on.

XII. JUDGMENTS:

From a court of record are a lien from the date of rendition for one year on all lands then owned by the defendant, and on after acquired lands, for one year after acquirement.

XIII. LIENS:

All employes and day laborers of any corporation have a lien on the employer's property for wages in arrears three months. This lien is enforceable by attachment or otherwise as in other cases. If proceedings to enforce are not begun within three months from the time the lien attached, it will be lost. The rights of bona fide purchasers, and persons having valid liens at the time proceedings are begun, are superior to this lien.

A lien is given to whoever furnishes materials, by virtue of a special contract with the owner, for the construction or repair of a house, or the furnishing or erection of fixtures, machinery or improvements. If the contract be made with the mortgagor or vendee who holds subject to a vender's lien, and the mortgagee or vender do not object within ten days after being notified in writing, the lien for materials will take priority over the mortgage or vender's lien. The lien covers the building or improvements and the lot or land on which it is constructed, and takes precedence of all incumbrances created after the material is furnished. Sub-contractors must notify the owner in writing, within thirty days after material is furnished, that a lien is claimed, and this will continue their lien for ninety days from date of such notice, provided a statement of the material furnished be filed with the county registrar. The liens of sub-contractors can in no case exceed the amount which the owner agreed to pay the original contractor. The lien of the original contractor continues for one year and until the final decision of a suit to enforce it brought within such year in a court of record of the county where the building or improvement is situated.

Mechanics have a lien for one year upon any ground on which a house is constructed or repaired, improvements or erections made, or fixtures, etc., put in, upon which said mechanic or artisan has furnished labor in construction of same. The benefit of said lien extends to any workman giving notice to owner within thirty days after the completion of building, or his discharge, or the completion of his contract; and such lien is recoverable in action as above specified.

XIV. LIMITATIONS:

Upon bonds, notes, accounts and contracts generally, six years; judgments or decrees of courts of record and other cases not expressly provided for, ten years. Revivor lies only in acknowledgment, expressed willingness to pay, or promise of payment; a part payment is not in itself sufficient. All demands against administrators and executors must be presented or sued on in two years and six months, if a resident; and three years and six months if a non-resident.

XV. MARRIED WOMEN:

Can hold real and personal property separate from the husband, and not liable for his debts. Rents and profits of a wife's lands are not subject to her husband's debts, nor can the husband's life interest in the wife's land be sold during her life. The husband is not liable for the ante-nuptial debts of his wife, but his marital rights do not so attach to her property as to defeat the collection of the same. Married women cannot make a power of attorney to sell land, nor have they any power to bind themselves personally or their general estate by simple contract.

XVI. MILLDAMS:

The County Court of each county has control of the erection of milldams under such conditions, restrictions and limitations as in its discretion may seem proper. No County Court can permit a milldam to be so constructed as to interrupt or in any way injure or impair the navigation of such streams as are naturally navigable or as have been declared to be so by law.

Any person desiring to construct a milldam shall present a petition to the County Court of the county where the dam is to be built, on the first day of a quarterly session, setting forth the nature and object of the dam. If the petitioner is not the owner of the land on both sides of the stream, his petition shall be accompanied by the written consent of the owner or owners of the land, which consent shall be proven by two witnesses to the same. Notice of the intention to present the petition shall be set up at the door of the court house, at the same time at which it is presented. At the next succeeding term the County Court shall hear and determine upon the application and fix the term of time for which the right or privilege shall be enjoyed.

The owner of land through which a non-navigable stream passes may turn the water from its channel for his uses, provided he returns it to the channel before it leaves his land. And such a person may have an action against an owner below him on the stream for interrupting such use of the water by erecting a dam so as to overflow his property. A right to permanently overflow the land of another is an hereditament, and a conveyance of sale thereof must be in writing.

XVII. MORTGAGES:

Mortgages and deeds of trust take effect as to third parties only from registration. They can be foreclosed in bar of equity of redemption, without intervention of the court, when power of sale is conferred in the instrument.

Chattel mortgages are good as to the contracting parties without registration, but not as against purchasers without actual notice, and creditors. It is a felony for the maker of registered mortgage of personal property to dispose of the same with the purpose of depriving the beneficiary of the same. A railroad cannot make a mortgage which shall be superior to judgments for timbers furnished, or for labor, or to damages done to any person or property in the operation of the road.

Parties may annex conditions to contracts for the sale of personalty, which will prevent the vesting of title to the property, although actually delivered, until the performance of the condition. Where property is sold to be delivered in installments, or at intervals, to be paid for

when the whole is delivered, the delivery does not pass the title until the condition is complied with. The seller, on retaking possession on failure to carry out the condition, must dispose of the property at public sale after due advertisement, but the original buyer may waive such sale. When goods are sold with the privilege of returning same, they must be returned within a reasonable time or the sale becomes absolute. If a party sell and deliver personalty, but retain the title till the purchase money is paid, it is a valid sale, and he may follow the property into the hands of third parties and recover the same for the unpaid purchase money.

XVIII. NOTES AND BILLS:

Every note whereby the maker promises to pay money to any person or bearer, or to the order of any other person, shall be negotiable in the same manner as inland bills of exchange, by the custom of merchants. Every bill, bond, or note for money, whether sealed or not, and whether expressed to be payable to order or for value received or not, shall be negotiable in the same manner as promissory notes. And upon every such instrument, the holder may maintain a joint action against the maker, and any one or more of the indorsers; or a joint and several action against any one or more of the indorsers. Any person, having a right to demand any sum of money due upon a protested bill of exchange, may commence and prosecute an action for principal, interest and charges of protest against the drawer and indorsers, jointly, or against either of them separately; and judgment shall be given for such principal debt and charges, and lawful interest to the time of the judgment. When a bill of exchange, drawn or indorsed in Tennessee upon any person or corporation of or in any other state, territory, or place, is returned unpaid with legal protest, the payee may recover from the drawer or indorsers, besides the principal, interests and charges of protest, damages at the following rates, per cent upon the principal sum: 1. Three per cent, if the bill were drawn upon a person or corporation of, or in any of the United States or territories. 2. Fifteen per cent, if drawn upon any person or corporation of, or in any other state or place in North America, bordering upon the Gulf of Mexico, or of or in any part of the West India Islands. 3. Twenty per cent, if drawn upon any person or corporation of, or in any other part of the world.

Days of grace shall not be allowed upon bills of exchange payable at sight. Negotiable paper falling due on the first day of January, the fourth day of July, the twenty-fifth day of December, or any day appointed by the President of the United States or the Governor of the State as a day of feast or thanksgiving, is due on the day previous, unless such previous day be Sunday, in which case it is due on the Saturday preceding. Whenever the health authorities of any town or city shall officially announce the prevalence as an epidemic within the limits thereof of any contagious or infectious disease of so malignant or dangerous a character as to suspend or seriously interrupt business transactions, the owners and holders of any negotiable paper requiring demand, notice of protest, are excused from making demand, giving notice, or entering protest, while such epidemic prevails. Demand, notice and protest made, given and entered within fifteen days after such epidemic shall have been declared at an end, are as binding upon the parties sought to be charged, as if the same steps had been taken upon the day of maturity of the paper. Bonds with collateral conditions and bills or notes for specific articles, or the performance of any duty are assignable.

XIX. SUITS:

In all actions, parties defendant must have notice of commencement of such action by personal service of process, if possible; or by publication, if personal service be impossible. In the Circuit Court, which is a court of general jurisdiction, the defendant must be served with process (if a resident) five days before the term of said court. In the Chancery Court, process may be made returnable at the next rule day, if service is made five days previous. In a Justice Court, process may issue to return at any time, and the trial may be set for any hour or any day except Sunday. Causes in the Circuit Court usually stand for trial at the second term after the commencement of action. Chancery Court cases are usually ready for trial at any time after the answer is filed; but parties are of course allowed time in which to take proof, which is entirely by depositions. Actions must usually be commenced in the county where the parties reside or may be found. If controversy is in regard to realty suit must be brought in county where the property is. Surety for costs is usually required upon commencement of an action, but plaintiff may make affidavit to his poverty, and to the justice of his claim, and proceed as if security had been given; but an exception is in favor of actions for malicious prosecution, false imprisonment, and slanderous words; in actions of this kind, security is always required.

XX. TAXES:

Taxes are a lien on the real estate on which they are levied, and as between vendor and vendee they are a lien from January 10th of the year for which they are assessed. As between the State, county, city and the owner, they are a lien for six years from January 10th of the year for which they accrued, after which they are barred. Taxes are payable on the first Monday in October of each year, become delinquent by the first Monday in February following, then begin to bear interest; and the tax rolls are then placed in the hands of a constable for collection by distraint. The lands then pass into the hands of the back tax attorneys upon the first Monday in June, ten per cent then accruing; and by them are sold, after advertising, subject to redemption for two years.

XXI. WILLS:

Any person of sound mind, and twenty-one years of age, may make a will disposing of every kind of property. Males at fourteen and females at twenty years of age may dispose of personalty by will, but not of reality.

No last will or testament is sufficient to convey or give an estate in lands, unless written in the testator's life time, and signed by him, or by some other person in his presence, and by two witnesses, at least, neiether of whom is interested in the devise of said lands. But a written paper, appearing to be the will of a deceased person, written by him, having his name subscribed to it, or inserted in some part of it, and found after his death among his valuable papers, or lodged in the hands of another for safe keeping, is sufficient to give and convey lands, if the handwriting is generally known by his acquaintances, and it is affirmed by at least three credible witnesses that they verily believe the writing and every part of it to be in his hand. No nuncupative will is good where the estate exceeds two hundred and fifty dollars, unless proved by two disinterested witnesses present at the making thereof; and unless they are, or some of them were, especially required to bear witness thereto by the testator himself; and unless it was made in his last sickness, in his own habitation or dwelling house, or where he had been previously residing ten days at least; except he be surprised by sickness on a journey, or from home, and dies without returning to his dwelling; and such nuncupative will must be proved by the witnesses within six months from the making thereof, unless put in writing within ten days; nor may it be proved until fourteen days after the death of the testator; nor till process has issued to call in the widow or next of kin, or both, if conveniently to be found, to contest it. No written will may be revoked or altered by a subsequent nuncupative will, except the same be, in the lifetime of the testator, reduced to writing, and read over to him and approved; and unless the same be proved to have been so done by the oaths of two witnesses at least.

Wills are probated in the County Court of the county where the testator lived, and if he had fixed places of residence in more than one county, then in any of said counties. Any will may be contested by any party interested in the result, and the Circuit Court has exclusive jurisdiction thereof. Wills executed in other states, or in any of the territories, or in the District of Columbia, must be proved according to the laws of this State. Where the last will and testament of any person deceased is proved in a court of any state or territory of the United States, or before the mayor of any city, any person interested may present a copy thereof, duly authenticated, to the County Court of any county in the State, where the land or estate devised or disposed of by the will is situated; and thereupon such court may order the same to be filed and recorded, and said copy when so recorded shall have the same force and effect as if the original had been executed in, and proved or allowed in the courts of this State.

CORPORATIONS.

I. ORGANIZATION:

Articles of incorporation must set forth: 1. Names of five or more incorporators not under twenty-one years of age. 2. Name of proposed corporation and the purposes for which it is formed.

The signatures of said corporators must be acknowledged, or any one or more signatures proved by one witness before the clerk of the County Court. The articles, after due acknowledgment, with the application, are then registered in office of the register of deeds, in the county where the main business of the corporation is to be conducted. The said instruments are then transmitted to the Secretary of State, in whose office, together with all certificates of acknowledgment, registration, etc., the same are registered. The Secretary of State may then certify in the original instrument that the same has been registered in his office, to which certificate is affixed the great seal of the State, and upon the fixing of the great seal of the State to said certificate or said original instrument, and the registration of said certificate in the register's office, where said instrument was originally registered, the formation of the association as a body politic and corporate is declared complete.

II. POWERS:

Corporations may by by-laws make regulations concerning the subscription for or the transfer of stock, fix upon the amount of capital to be invested in the enterprise and the division of the same into shares, besides prescribing elections, appointment and duties of officers (terms of such not to exceed two years), and generally such matters of procedure which in its business are susceptible of regulation.

Mining corporations have authority to condemn the right of way necessary for the transaction of the corporate business, not exceeding thirty feet in width, over the lands of any private person or corporation. All mining corporations, three-fourths of the stock being represented and cast in the affirmative, may subscribe for, purchase, hold or dispose of stock in any railroad company whose line of road shall be so near as to be used by them in carrying on their necessary operations. For the purpose of raising the money to pay for such stock, such corporations are authorized to indorse the bonds of said railroad or to issue company mortgage bonds. Said mining companies are authorized to mortgage their franchises and estates, real and personal, to secure the payment of bonds so indorsed or issued as aforesaid. This privilege, however, is withheld from quarrying corporations, who in all other respects have the rights and powers granted to mining corporations.

III. LIABILITIES:

No loan of money shall at any time be made to any stockholder, and any such loan shall render the directors consenting thereto individually liable for the amount thereof. If the indebtedness of said company at any time exceeds the capital stock paid in, the directors consenting thereto are individually liable to the creditors for said excess. If the directors declare and pay any dividend when the company is insolvent, they are jointly and severally liable to creditors for the amount of dividend thus declared. But any director may avoid liability by voting against the dividend or by filing his objection in writing as soon as he ascertains the dividend has been made.

Stockholders are severally liable individually at all times for all moneys due and owing to the laborers, servants, clerks and operators of the company, in case the corporation becomes insolvent.

IV. REPORTS:

Annually during the month of January, the president must make and publish in a newspaper printed in the county where the principal office of business is located, or the nearest thereto, a sworn statement, showing the amount of capital stock, the existing liabilities, and a list of names of the stockholders. The making of a false statement to be printed as aforesaid renders all persons consenting thereto individually liable to all persons dealing or trading with said company on the faith of said fraudulent statement.

V. FOREIGN CORPORATIONS:

Every foreign corporation desiring to carry on its business in this State must first file in the office of the Secretary of State a certified copy of its charter or articles of its incorporation, and thereafter are deemed to be corporations of this State. Nevertheless, creditors of such who may be residents in this State have priority in the distribution of assets over all simple contract creditors being residents of any other country or countries; and also over judgment creditors for all debts which were made by said corporation before the rendition of such valid judgments. Upon the failure of any such corporation to commence in good faith to develop and work some portion of its property within this State within one year after filing its said charter, all rights and privileges lapse and become void.

MINING.

I. INSPECTION OF MINES:

One mine inspector for the entire State is appointed by the Governor of the State, whose term of office is four years. The office of the inspector is kept in the city of Chattanooga, together with all maps and plans of all mines being worked in the State. Said inspector must annually on or before the first day of January, make a report to the Governor of the State, of the condition and operation of the mines in the State. The inspector must inspect all mines that are being worked once every three months.

If any loss of life should occur by accident, in any of the mines of the State, or any serious accident should occur in said mines, the agent or person operating the same must immediately notify the inspector; and if any deaths should occur by such accident the coroner should be notified, who must summon a jury to inquire into the cause of the death, and must make a report of the verdict to the inspector. Thereupon the inspector must investigate the matter and may take such steps as will prevent a recurrence of the accident.

The agent or owner of every coal mine must furnish an accurate map of the workings of said mine to the inspector; and on the first day of January and June in every year a statement of the progress of the workings of the mines shall be furnished the inspector. The penalty for furnishing false maps or plans is a fine of not less than fifty dollars nor more than five hundred dollars.

II. MEASURES OF SAFETY:

There must be at least two separate outlets, separated by natural strata, not less than one hundred and fifty feet in breadth, by which shafts or outlets distinct means of ingress and egress are always available to the persons employed in the mines.

The owner or agent of every coal mine must provide not less than fifty-five cubic feet per second of pure air for every fifty men at work, and as much more as circumstances may require. The ventilation may be produced by air pumps or other appliances, but in no case may a furnace be used inside of the mine where the coal breaker and chute are built directly over and covering the top of the shaft, for the purpose of producing an upcast of air.

Every agent or owner of coal mines must employ a competent and practical inside overseer, who shall keep watch over the ventilating apparatus, etc., and all things pertaining to the safety of the miners. It is his duty to measure the amount of air supplied to the mine at least once a week, and report to the inspector once a month.

The owner or agent of every coal mine must employ suitable appliances for signaling from top to bottom of the shaft, and safe machinery for lowering or hoisting purposes. No boy under twelve years of age may work or enter into any mine.

Violation of any of the above provisions will subject the agent or owner of the mine to a fine; and upon application of the inspector, acting in behalf of the State, such agent or owner of mines will be enjoined from working the mines.

III. WEIGHT OF COAL:

The miners have the right to employ a check-weigher, who shall be permitted at all times to be present at the weighing or measuring of coal, and have the right to balance and examine the scales or measure the cars. He must credit each miner with all merchantable coal or other minerals mined by him, on a proper sheet or book kept by him for that purpose. When differences arise between the check-weighman and the agent of the mine, the same may be referred to the mine inspector of the district for settlement.

Any weighman, agent or check-measurer, who knowingly or willfully adopts or takes more or less pounds for a bushel or a ton than is now provided by law, or willfully neglects the balancing or examining of the scales or cars, or willfully weighs coal with an incorrect scale, is deemed guilty of a misdemeanor.

IV. WAGES:

All persons, firms, companies or corporations engaged in mining coal, ore or other mineral, must pay their laborers and employees the amount due them for their work in lawful money of the United States, or by cash orders; and must adjust accounts at least once in every thirty days. It is not lawful for them to issue for payment of labor any order, or other paper whatever, unless the same purports to be redeemable for its face value, in lawful money of the United States, by said person, company or corporation.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF TEXAS.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by FIELD, BELL & RANDOLPH, Attorneys-at-Law, Fort Worth, Texas.

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COMMERCIAL LAW.

I. ACCOUNTS:

When any action or defense is founded upon an open account, supported by the affidavit of the party, his agent or attorney, taken before some officer authorized to administer oaths, to the fact that such account is, within the knowledge of affiant, just and true; that it is due, and that all just and lawful offsets, payments and credits have been allowed, the same is taken as prima facie evidence thereof, unless the party resisting such claim shall, before announcement of ready for trial in said cause, file a written denial, under oath, stating that such account is not just or true, in whole or in part, and if in part only, stating the items and particulars which are unjust.

II. ACKNOWLEDGMENTS:

Affidavits and acknowledgments of instruments for record may be made without the State, but within the United States or territories, before the clerk of some court of record having a seal, commissioner of deeds for Texas or notary public; without the United States, before a minister, commissioner or charge d'affaires, consul-general, consul, vice-consul, commercial agent, vice-commercial agent, deputy consul, or consular agent of the United States, or a notary public; within the State, before a clerk of the District Court, a judge or clerk of the County Court, or a notary public.

III. ALIENS:

An act passed in 1892 provides that no alien or person who is not a citizen of the United States can acquire title to or own any land in Texas except as follows:

It does not apply to aliens who were owners of land in this State when the law took effect, July 12, 1892.

Aliens who become inhabitants of the State have the right to acquire and hold real estate during the time they reside in the State, but must alienate it within ten years after they cease to be inhabitants thereof. Persons not citizens of the United States may acquire and hold land in any incorporated or platted city, town or village. An alien who becomes an actual resident of this State, and shall in conformity with the naturalization laws of the United States have declared his intention to become a citizen of the United States, has the right to acquire and hold real estate in the same manner as if he were a citizen of the United States.

Aliens can acquire land in the ordinary course of justice in the collection of their debts. They may lend money on real estate security, enforce their liens and purchase the property covered by their debts. They may take by devise or descent.

A non-resident alien who takes by devise, descent or purchase must alienate the land within ten years or same will be subject to escheat; the money realized from the sale, less costs, to be held for the alien.

Aliens enjoy such rights of ownership of personal property as are or shall be accorded citizens of the United States by the laws of the nation to which such aliens belong, or by the treaties of such nation with the United States.

IV. ASSIGNMENTS:

Every assignment made by an insolvent debtor or in contemplation of insolvency, for the benefit of his creditors, shall provide for a distribution of all his real and personal estate, other than that which is by law exempt from execution, among all his creditors, and however expressed shall have that effect. Such assignment must be provided or acknowledged, certified and recorded in the same manner as conveyances of real estate.

The debtor may provide in the assignment that the benefits of the assignment shall be limited to such of his creditors only as will consent to accept their proportional share of his estate and discharge him from their respective claims. Those who accept will thereby discharge the debtor, provided, that such creditors receive as much as one-third of the amount due and allowed in their favor as valid claims against the estate of the debtor.

Every creditor consenting to an assignment must within six months from the time of the first publication of notice of appointment of assignee, file with such assignee a distinct statement of the particular nature and amount of his claim against the debtor, which must be supported by an affidavit of the creditor, his agent or attorney, that the statement is true, that the debt is just and that there are no credits or offsets that should be allowed against the claim, except as shown by the statement; and no creditor shall take any benefit under the assignment who neglects to file such statement.

Any creditor not consenting to the assignment, may garnishee the assignee for any excess in his hands after paying creditors who consented the amount of their debts and cost of executing the assignment.

V. ATTACHMENTS:

The judges and clerks of the District and County Courts, and justices of the peace, may issue writs of original attachment, returnable to their respective courts upon the plaintiff, his agent or attorney, making an affidavit in writing stating: 1. That the defendant is justly indebted to the plaintiff, and the amount of the demand. 2. That the defendant is not a resident of the State, or is a foreign corporation, or is acting as such. 3. That he is about to remove permanently out of the State, and has refused to pay or secure the debt due the plaintiff. 4. That he secretes himself, so that the ordinary process of law cannot be served on him. 5. That he has secreted his property for the purpose of defrauding his creditors. 6. That he is about to secrete his property for the purpose of defrauding his creditors. 7. That he is about to remove his property out of the State, without leaving sufficient remaining for the payment of his debts. 8. That he is about to remove his property, or a part thereof, out of the county where the suit is brought, with intent to defraud his creditors. 9. That he has disposed of his property, in whole or in part, with intent to defraud his creditors. 10. That he is about to dispose of his property with intent to defraud his creditors. 11. That he is about to convert his property, or a part thereof, into money, for the purpose of placing it beyond the reach of his creditors. 12. That the debt is due for property obtained under false pretenses.

The affidavit shall further state: 1. That the attachment is not sued out for the purpose of injuring or harassing the defendant; and 2. That the plaintiff will probably lose his debt unless such attachment is issued.

No attachment can issue until suit has been instituted, but it may be issued in a proper case either at the commencement of the suit or at any time during its progress. Writs of attachment may issue although the demand is not due.

Before the issuance of any writ of attachment the plaintiff in the suit must execute a bond, with two or more good and sufficient sureties, payable to the defendant in a sum not less than double the debt sworn to be due, conditioned that the plaintiff will prosecute his suit to effect, and will pay all such damage and costs as shall be adjudged against him for wrongfully suing out such attachment, and the same must be delivered and approved by the officer issuing the writ.

VI. CLAIMS AGAINST ESTATES:

Every claim for money against a testator or intestate must be presented to the executor or administrator within twelve months after the original grant of letters testamentary or of administration, or the payment thereof will be postponed until the claims which have been presented within said twelve months and allowed by the executor or administrator and approved by the county judge have been first entirely paid.

Debts are paid in the following order: 1. Funeral expenses, and expenses of last sickness, if presented in sixty days after grant of letters. If not presented within that time the exempt property set apart to the widow and children and the allowances to them will not be liable to the payment of such claims. 2. All expenses of administration and an allowance to the widow and children of the deceased in lieu of exempt articles and homestead if there should not be among the effects of the deceased all or any of the specific articles exempt from forced sale; and also an allowance to them for one year's support. 3. Debts secured by liens so far as the same can be paid out of the proceeds of the property subject to such liens. 4. All other claims presented within one year. 5. Debts presented after the expiration of one year from commencement of administration.

A claim cannot be allowed unless accompanied by an affidavit in writing that the claim is just and that all legal offsets, payments and credits known to the affiant have been allowed.

If a claim is approved it must be filed with the county clerk within twelve months from the commencement of administration. It is the clerk's duty to file same and enter it upon the claim docket. The court must approve or reject in whole or in part a claim allowed by the administrator or executor by action taken at a regular term of court. If a claim is rejected by the administrator, executor or court, suit must be brought thereon within ninety days or the claim will be barred.

VII. COURTS:

The judicial power of this State is vested in one Supreme Court, five Courts of Civil Appeals, a Criminal Court of Appeals, fifty-four District Courts, one County Court for each organized county, one Commissioners' Court for each organized county, and in Courts of Justices of the Peace.

The Supreme Court has appellate jurisdiction co-extensive with the limits of the State, which extends to questions of law arising in all civil cases of which the Courts of Civil Appeals have appellate but not final jurisdiction. It sits at Austin, its terms beginning the first Monday in October and ending the last of June.

The Court of Criminal Appeals sits at Austin from the first Monday in April until the last of June. At Dallas from first Monday in January until the last of March. At Tyler from the first Monday in October until the last of December. The Court of Criminal Appeals has appellate jurisdiction co-extensive with the limits of the State in all criminal cases of whatever grade, except cases which have been appealed from Justices', Mayors' or other inferior courts to the County Courts, in which the judgment rendered or fine imposed by the County Courts does not exceed $100, exclusive of costs. In such cases the judgment of the County Courts are final.

The Courts of Civil Appeals are in session from the first Monday in September until the first Monday in July. The State is divided into five Supreme Judicial Districts. The court of the first district is held at Galveston; of the second district at Fort Worth; of the third district at Austin; of the fourth district at San Antonio, and of the fifth district at Dallas. The appellate jurisdiction of the Courts of Civil Appeals extends to civil cases within the limits of their respective districts, of which the District Court has original or appellate jurisdiction, or of which the County Court has original or appellate jurisdiction when the judgment or amount in controversy shall exceed one hundred dollars exclusive of interest and costs.

The State is divided into fifty-four judicial districts in which are elected judges of the District Courts, whose terms are four years. In most of the districts there are two terms of court held each year. In the others three terms are held each year.

The District Courts have original jurisdiction of all criminal cases of the grade of felony; all suits in behalf of the State to recover penalties, forfeitures and escheats; divorce cases; all misdemeanors involving official misconduct; suits to recover damages for slander or defamation of character; suits for the trial of title to land and enforcement of liens thereon; suits for the trial of the right of property levied upon by virtue of any writ of execution, sequestration, or attachment when the property levied upon shall be equal to or exceed five hundred dollars in value; of all suits or complaints or pleas whatever, without regard to any distinction between law and equity, when the matter in controversy shall be valued at or amount to five hundred dollars exclusive of interest; of contested elections; and said Court and judges thereof have power to issue writs of habeas corpus, mandamus, injunction, and certiorari, and all writs necessary to enforce their jurisdiction. The District Courts have appellate jurisdiction and general control in probate matters over the County Court established in each county; and have appellate jurisdiction and general supervisory control over the County Commissioner's Court; and general original jurisdiction over all causes of action whatever for which a remedy or jurisdiction is not provided by law or the Constitution, and such other jurisdiction, original and appellate, as may be provided by law.

In each organized county there is a County Court, presided over by a judge, whose term of office is two years. The County Court of each county must hold at least four terms for civil and criminal business annually. County Courts have original jurisdiction of all misdemeanors of which exclusive original jurisdiction is not given to the Justices' Courts, and when the fine to be imposed shall exceed two hundred dollars; and they have exclusive jurisdiction in all civil cases when the matter in controversy exceeds in value two hundred dollars and does not exceed five hundred, exclusive of interest; and concurrent with the District Courts when the matter in controversy exceeds five hundred dollars and does not exceed one thousand, exclusive of interest; but do not have jurisdiction of suits for the recovery of land. They have appellate jurisdiction in cases civil and criminal of which Justices' Courts have original jurisdiction, but of such civil cases only when the judgment of the court appealed from shall exceed twenty dollars, exclusive of costs. The County Courts have the general jurisdiction of Probate Courts.

Justices' Courts have jurisdiction in criminal matters of all cases where the penalty or fine to be imposed by law may not be more than for two hundred dollars, and in civil matters of all cases where the amount in controversy is two hundred dollars or less, exclusive of interest, of which original jurisdiction is not given to the District or County Courts.

The County Commissioners' Court is charged with the duty of attending to county business such as levying taxes, looking after county finances, opening public roads, designating school districts, etc.

VIII. FEES:

Acknowledgment before notary public	$ .50
Husband and wife	1.50
Acknowledgment before justice	.50
Husband and wife	1.50
Acknowledgment before clerk of court	.50
Husband and wife	1.00
Attachment, clerk	.50
Sheriff	2.50
Appeal: contingent.	
Commencement of suit in Justice Court:	
Issuing citation	.50
Docketing cause	.20
Commencement of suit in court of record:	
Issuing citation, filing petition and docketing cause.	1.05
Copy petition, per 100 words	.20
Certificate same	.75
Incorporation: Up to $10,000	25.00
Each additional $10,000, or fraction thereof	5.00
Mandamus, contingent.	
Probate, contingent.	
Protest	2.50
Each notice	.50
Record; per 100 words	.15
Sheriff, contingent.	
Transcription, contingent.	
Transportation	
Witness; per day	1.00

IX. DEEDS:

No estate of inheritance or freehold, or for a term of more than one year, in lands and tenements, can be conveyed except in writing, subscribed and delivered by the party disposing of the same, or his agent, thereunto authorized by writing.

The deed must be signed or acknowledged by the grantor in the presence of at least two credible witnesses thereto subscribing; or must be duly acknowledged before some officer authorized to take acknowledgments, which Acknowledgment must be endorsed on said instrument, and properly certified to by him for registration. No instrument can be recorded unless duly acknowledged by the grantor, or its execution is proved by one of the two subscribing witnesses. If a married woman joins in the conveyance her acknowledgment must be taken by such officer privily and apart from her husband.

X. DEPOSITIONS:

Either party to a suit may have the testimony of any witness taken by deposition, but must first file in the case notice of his intention to apply for a commission to take the answers of the witness to interrogatories attached to such notice; and a copy thereof and of the attached interrogatories must be served upon the adverse party, or his attorney of record, five days before the issuance of a commission. When one party files interrogatories the opposite party may file cross-interrogatories at any time before the commission issues, and a copy of the same must accompany the direct interrogatories and be answered. After service of notice has been completed the clerk of the court in which the interrogatories have been filed must issue a commission to take the deposition of the witness named in the notice.

XI. DESCENT:

When any person, having title to any estate of inheritance, real, personal, or mixed, shall die intestate as to such estate, and shall leave no surviving husband or wife, it shall descend and pass in parcenary to the children and their descendants, if any there be, then to the father and

mother, in equal portions, but if only a single parent survive the intestate, the estate shall be divided into two equal portions, one of which shall pass to such survivor, and the other to brothers and sisters of the deceased and their descendants; but if there be none such, then the whole estate shall be inherited by the surviving father or mother. If there be neither father nor mother, then the whole of such estate shall pass to the brothers and sisters of the intestate, and to their descendants or to such of them as there be. If there be none of the kindred aforesaid, then the inheritance shall be divided into two moieties, one of which shall go to the paternal and the other to the maternal kindred, equally, in upward and collateral order ad infinitum.

When any person, having title to any estate of inheritance, real, personal, or mixed, shall die intestate as to such estate, and shall leave a surviving husband or wife, the estate of such intestate shall descend and pass: One-third to the survivor and the balance to the child or children of deceased, and their descendants—the survivor shall also be entitled to an estate for life, in one-third of the land of the intestate, with remainder to said child or children and their descendants. If the deceased have no child or children, or their descendants, then the survivor shall be entitled to all the personal estate, and to one-half of the lands of the intestate, without remainder to any person or persons, and the other half shall pass and be inherited according to the rules of descent and distribution, as before prescribed; provided, however, that if the deceased have neither surviving father nor mother, nor surviving brothers and sisters, or their descendants, then the surviving husband or wife shall be entitled to the whole of the estate of such intestate, real, personal, and mixed.

All property belonging to the community estate of the husband and wife goes to the survivor, if there be no child or children of the deceased or their descendants. When there are such descendants the survivor is entitled to one-half and the other half passes to the children. No right of inheritance accrues to any person whatsoever other than to children or lineal descendants of the intestate, unless they be in being and capable in law to take as heirs at the time of the death of the intestate.

XII. EMINENT DOMAIN:

No person's property can be taken, damaged, or destroyed for, or applied to public use without adequate compensation being made, unless by consent of such party; and when taken, except for the use of the State, such compensation must be first made, or secured by a deposit of money; and no irrevocable or uncontrollable grant of special privileges or immunities can be made by the legislature, but all privileges and franchises granted by it or created under its authority are subject to the control thereof. By the term "property," as above used, is meant not only the tangible thing owned, but every right and incident which accompanies the ownership. The benefits and losses which the party injured receives and sustains in common with the community in general are excluded from the estimate in ascertaining the amount of the damage.

XIII. EXECUTIONS:

Executions may be issued upon any final judgment immediately after adjournment of court. If the court continues for a longer period than three weeks execution may be issued at any time after the expiration of twenty days from the rendition of such judgment. The issuance and execution of the judgment may be suspended by the unsuccessful party appealing or suing out a writ of error and filing a supersedeas bond. Without regard to the adjournment of court or the time that may have elapsed, provided the case has not been removed to an appellate court, execution may issue upon the filing of an affidavit that the party against whom a judgment for money other than costs only has been rendered, is about to remove his property out of the county or is about to secrete or transfer his property for the purpose of defrauding his creditors.

XIV. EXEMPTIONS:

The following property is reserved to every family and is exempt from forced sale: All household and kitchen furniture; lot or lots in a cemetery held for the purpose of sepulture; all implements of husbandry; all tools, apparatus and books belonging to any trade or profession; the family library and all family portraits and pictures; five milch cows and their calves; two yoke of work oxen, with necessary yokes and chains; two horses and one wagon; one carriage or buggy; one gun; twenty hogs; twenty head of sheep; all bridles, saddles and harness necessary for the use of the family; all provisions and forage on hand for home consumption; and all current wages for personal services.

There is reserved to others who are not constituents of a family: Lot or lots in a cemetery held for the purposes of sepulture; all wearing apparel; all tools; apparatus belonging to any trade or profession; one horse, saddle and bridle; and current wages for personal services.

XV. HOMESTEAD:

By the constitution of 1876, the homestead of a family not in a town or city consists of two hundred (200) acres of land, which may be in one or more parcels, with improvements thereon. In a city, town or village it consists of a lot or lots not to exceed five thousand dollars in value at the time of their designation as the homestead, exclusive of improvements, provided the same be used as the home, or as a place to exercise the calling or business of a head of a family. The homestead is protected from forced sale or voluntary incumbrance except for taxes, or for the purchase money, or for improvements thereon, and in this last case, only when the work and materials are contracted for in writing, with the consent of the wife, given in same manner as required in making a sale of homestead.

In case of death of the husband, the widow and children have one year's support from the estate, allowance therefor in no case to exceed one thousand dollars, and if the property exempt by law does not exist in kind, a sufficiency of the estate may be sold for cash, to raise allowance for homestead, not to exceed five thousand dollars, and for other exempt property not to exceed five hundred dollars.

XVI. INTEREST AND USURY:

On all written contracts, when no rate of interest is agreed on, interest is allowed at the rate of six per cent from maturity. Open accounts bear interest at the same rate from the first day of January after the same are made, provided some other rate has not been agreed on by the parties. Parties to any written contract may stipulate for any rate of interest not exceeding ten per cent on the contract; and if a greater rate is stipulated for the contract is void as to the whole of the interest.

Judgments bear interest at the rate of six per cent, except where the contract upon which the judgment is founded bears a greater rate not exceeding ten per cent, in which case the judgment bears the contract rate.

Where usurious interest has been collected the person paying same can at any time within two years recover double the amount paid.

XVII. JUDGMENTS:

Unless execution is issued on a judgment within twelve months after its rendition, the judgment becomes dormant and must be revived before execution can issue thereon. Where execution has been issued within that time the judgment remains in full force for ten years, and executions may issue thereon at any time within the ten years.

Judgment Lien: When the abstract of a judgment has been filed, recorded and indexed in the book kept for that purpose in the office of the county clerk of any county, such judgment becomes a lien upon all of the debtor's real estate situated in the county where such record is made, except such as is exempt from forced sale. The lien continues for ten years. A transfer of a judgment, when acknowledged, as in the case of deeds, filed in the case in which the judgment was recovered, and the substance thereof noted on the margin of the minute book in which the original judgment is entered, operates as constructive notice to all persons.

In a suit against persons on partnership debt where the service has been had on only one member of the firm, judgment may be taken against the firm as well as the partner served, and will be good as against the partnership property and that of the member served. (See also "XIX. Limitations.")

XVIII. LIENS:

Mechanics, contractors, laborers and material men have liens for labor done or material furnished in the construction or repair of buildings, railroads, and other improvements, on such improvements and the land necessarily connected therewith to secure the payment of their debts, where such material and labor is furnished and done under contract with the owner, his agent, trustee, receiver, contractor or contractors.

Any person, firm, or corporation who may furnish material to any contractor, sub-contractor, agent or receiver to be used in the erection, improvement or repair of any building, railroad, or improvement, by giving written notice to the owner or his agent, of each and every item furnished, showing how much there is due and unpaid on each bill under said contract, at any time within ninety days after the indebtedness shall have accrued, may fix the lien as to the material furnished at the time or subsequent to the giving of notice by filing in the office of the county clerk of the county in which such property is situated, and if it be a railroad company in any county through which its road may pass, an itemized account of the claim and causing same to be recorded. But in no case can the owner be compelled to pay a greater sum than stipulated in the original contract between the owner and original contractor. The lien first mentioned above, given under contract between the owner or his agent, and the person furnishing material, etc., is fixed by the original contractor within four months, and all other persons within thirty days after such indebtedness accrues, filing and having said contract recorded. If the contracts above mentioned are not in writing, then the statute authorizes the filing of sworn accounts. The lien attaches to the building, improvements

or railroad in preference to any prior lien upon the land.

All persons except the original contractor or builder and the second class of lien-holders who furnish material to contractors, sub-contractors, etc., in order to fix their liens, must give at least ten days' notice in writing before filing the lien to the owner or agent, setting forth the amount and from whom same is due.

XIX. LIMITATIONS:

Suits to recover real estate must be instituted within three years next after the cause of action has accrued.

Suits as against any person having peaceable and adverse possession, cultivating, using or enjoying the same and paying taxes thereon, and claiming under a deed or deeds duly registered, must be instituted within five years next after the cause of action has accrued.

Suits to recover land against a party having peaceable and adverse possession thereof, cultivating, using or enjoying the same, must be instituted in ten years.

Limitation does not run against any person under the age of twenty-one years, of unsound mind, or a person imprisoned. Up to the time of the passage of the act of April 1st, 1895, limitation did not run against married women, but that act provides it shall run against them after they arrive at the age of twenty-one years; provided, that their disability shall continue one year from and after the passage of said act.

The following actions must be commenced in one year: 1. For injuries done to the person of another. 2. For malicious prosecution or for injuries done to the character or reputation of another by libel or slander. 3. For damages for seduction, or breach of promise of marriage. 4. For injuries done to the person of another where death ensued from such injuries; and the cause of action shall be considered as having accrued at the death of the party injured.

All actions following must be commenced in two years: 1. Of trespass for injury done to the estate or the property of another. 2. For detaining personal property of another, and for converting such property to one's own use. 3. For taking or carrying away the goods and chattels of another. 4. Actions for debt where the indebtedness is not evidenced by contract in writing. 5. Upon stated or open accounts, other than such mutual and current accounts as concern the trade of merchandise between merchant and merchant, their factors or their agents.

Suits against executors, administrators or guardians on their bonds must be commenced within four years after their death, resignation, removal or discharge.

Every action upon a judgment of a court beyond the limits of this State, is barred if barred in the State or country where rendered.

Actions for the specific performance of contracts for the conveyance of real estate must be commenced within ten years after the accrual of the cause of action. Dormant judgments must be revived in ten years from date of their rendition.

Motion against an officer for not returning an execution must be made within five years. Actions of forcible entry and detainer must be commenced in two years.

Actions to contest wills must be commenced within four years after the will has been admitted to probate and to set wills aside for forgery or other fraud, suit must be commenced within four years after the discovery of the fraud.

Death stops the running of limitations in all cases for twelve months or until a legal representative of the deceased has been appointed. Limitation does not run during the time party against whom the cause of action lies is absent from the State. Limitation must be specially plead.

All actions for which no limitation is prescribed become barred in four years.

XX. MARRIED WOMEN:

All property owned or claimed by the wife before her marriage and that acquired afterward by gift, devise or descent is her separate property; but during the marriage the husband has the sole management thereof. All property otherwise acquired during the marriage is the common property of the husband and wife.

The wife may contract debts for necessaries furnished herself and children, and for all expenses which may have been incurred by her for the benefit of her separate property.

Females under twenty-one years of age after marriage have the same rights and privileges as those who are twenty-one or over when married and are deemed of full age.

A married woman can mortgage her separate property to secure the payment of her husband's debts. She must be joined by her husband in the execution of the instrument and it must be acknowledged by her in the same manner as in case of the conveyance of her real estate.

XXI. MORTGAGES:

All property can be mortgaged, except the homestead, which can not be encumbered except for purchase money or improvements thereon in the manner stated under the head of "Exemptions." Mortgages on real estate must be recorded in the office of the county clerk in the county where the land is situated. There is no right of redemption after sale under mortgages, deeds of trust or executions.

All instruments intended to operate as mortgages, or liens, upon personal property, which shall not be accompanied by immediate delivery and followed by continued possession of the property, are void as against the creditors of the mortgagor and subsequent purchasers and lienholders in good faith, unless such instrument or a true copy thereof shall be deposited with and filed in the office of the county clerk of the county where the property is situated, or if the mortgagor be a resident of this State, then in the county of his residence. A copy cannot be filed unless the original has been acknowledged and the copy has been compared by the clerk with the original and found to be a true copy thereof. A minute of such instruments must be made by the clerk in a book kept for that purpose, showing the time of its reception, name of the mortgagor, name of mortgagee or trustee, and cestui que trust, date of the instrument, amount secured, when due, and property mortgaged under such heads. Any form of lien attempted to be given by the owner of any stock of goods, exposed to sale, in the regular course of business and contemplating a continuance of possession of the goods and control of sale by such owner is void.

XXII. NOTES AND BILLS:

The holder of any bill of exchange or promissory note assignable or negotiable by law, may fix the liability of the drawer or indorser of such bill of exchange, and of every indorser of such promissory note, without protest or notice, by instituting suit against the acceptor of such bill of exchange or against the maker of such promissory note, before the first term of the District or County Court, to which such suit can be brought after the right of action accrues; or by instituting suit before the second term of court, after the right of action accrues, and showing good cause why suit was not instituted before the first term of court next after the right of action accrued.

When the amount is within the jurisdiction of a Justice Court suit must be instituted within sixty days after the right of action accrues if it is desired to fix the liability without protest. The liability of the drawer or endorser of such bill of exchange or endorser of such promissory note may be fixed by protest according to the usage and custom of merchants. Three days of grace are allowed on all bills and notes assignable or negotiable by law. The obligee or assignee of any written instrument not negotiable by law, may transfer to another by assignment all interest which he may have in the same, and such assignee may maintain suit in his own name, but he shall allow every discount and defense against the same which it would have been subject to in the hands of any previous owner before notice of the assignment was given to the defendant; and in order to hold the assignor as surety for the payment of the instrument, the assignee must use due diligence to collect the same. Waiver of diligence cannot be shown by parole testimony.

Any party not primarily liable on any of the instruments above mentioned may be sued either jointly with his principal or alone, but no judgment can be rendered against him unless judgment shall have been previously or at the same time rendered against the principal obligor, except when the principal resides beyond the limits of the State; or when he cannot be reached by the ordinary process of law, or when his residence is unknown and cannot be ascertained by the use of reasonable diligence; or when he is dead or actually or notoriously insolvent. The genuineness of the assignment or endorsement cannot be put in issue unless it is specially plead and the party calling it in question files in the case an affidavit stating that he has good cause to believe and does verily believe the same is forged.

XXIII. SUITS:

All civil suits in the District and County Courts are commenced by petition filed in the office of the clerk of such court. In Justice Courts suit is commenced by filing demand and the issuance of citation.

All civil pleadings in the District and County Courts must be by petition and answer in writing, signed by the party or his attorney and filed by the clerk of the court.

In order to compel an answer at the first term of court following service of process such service must be had ten days before the first day of said term of court.

The first day of the term in Justice Courts and the second day in District and County Courts is appearance day. The plaintiff is entitled to judgment by default in Justice Courts if the defendant has not answered by ten o'clock on appearance day, and in the District and County Courts if answer has not been filed before the call of the appearance docket on appearance day.

XXIV. TAXES:

Taxes are a lien upon land until paid. Taxes become delinquent on the first day of January next succeeding the year for which they are assessed. The owner has two years within which to redeem land sold for taxes. Non-residents may pay taxes to the State Comptroller at Austin and taxes due on lands situated in unorganized

counties may be paid to the tax collector of the county to which such unorganized county is attached by law or to the comptroller before the first day of January. Public property used for public purposes is exempt from taxation.

XXV. WAGES:

Current wages for personal services are exempt from forced application to the payment of debts. (See also "XVIII. Liens.")

XXVI. WILLS:

Every person aged twenty-one years and upward, or who may be or may have been lawfully married, being of sound mind, has power to make a last will and testament under the rules below set out.

Execution and Attest: The will must be in writing and signed by the testator or by some other person by his direction and in his presence, and must, if not wholly written by himself, be attested by two or more credible witnesses above the age of fourteen years, subscribing their names thereto in the presence of the testator.

Any person who is competent to make a will may dispose of his property by a nuncupative will, subject to the following conditions and limitations: It must be made in the time of the last sickness of the deceased, at his habitation, or where he has resided for ten days next preceding, except when the deceased is taken sick from home and dies before he returns to such habitation. If the value exceeds thirty dollars such will must be proved by three credible witnesses establishing the fact that the testator called on some person to take notice or bear testimony that such will was his will, or words of like import.

Action must be taken within four years after the death of the testator to probate the will if it be in writing. If it be a nuncupative will the same may be probated at any time after fourteen days and within six months, provided the substance thereof shall have been committed to writing within six days after the making thereof.

The County Courts have jurisdiction over such matters. Testamentary instruments of any character which have been probated in any state or territory of the United States, and recorded in the proper county are regarded as muniments of title to land in this State conveyed thereby. The will may be contested at any time within four years from its record, in a proper proceeding instituted for that purpose.

CORPORATIONS.

I. PURPOSES AND POWERS:

Private corporations may be formed for the support of all benevolent, religious, charitable, literary or scientific undertakings; construction and maintenance of public highways, ferries, bridges, railways and steamboat lines; manufacture, procuration and supply of all public necessities; establishment of markets and dealing in all commercial and agricultural products; for the buying and selling of real estate, houses, and stocks in companies either for manufacturing purposes, or for conducting insurance, exchange or financial business of any kind; for the organization of protective insurance, exchange or trust companies or associations; the acquiring, prospecting, development and operation of mineral lands; the building, maintenance and operation of lines of road to or from mines, quarries, gins, or mills, and to condemn land necessary for such road from between such mine, quarry, gin or mill and the nearest line of railroad.

II. CAPITAL STOCK:

The capital stock of a corporation may be increased to any amount not to exceed double its authorized paid capital. Corporations may borrow money to an amount not exceeding their authorized capital stock.

III. LIABILITY OF STOCKHOLDERS:

The liability of stockholders is the amount of their unpaid stock. Directors who knowingly declare and pay any dividend when the corporation is insolvent, or any dividend the payment of which would render it insolvent, are jointly and severally liable for all of the debts of the corporation then existing and that are thereafter contracted, as long as they continue in office. The amount for which they are so liable, however, can not exceed the amount of such dividend. Directors who file with the secretary of the corporation their objections to the action of the other directors, are not liable provided they objected to the making of the dividend at the time it was declared or were absent at that time.

IV. RECORDS AND REPORTS:

Books shall be kept wherein are to be recorded all business transactions, and be open to the inspection of all stockholders.

When required by one-third of the stockholders, the directors shall report in writing of the condition of the corporation, and shall declare dividends, etc. The stock is deemed personal estate and is transferable only on the books of the corporation, as the by-laws declare. The board of directors may require the subscribers to the capital stock to pay amount subscribed as may be required by the by-laws. Stock may be forfeited when a stockholder shall neglect to pay his installments after being notified.

Conveyances executed by corporations must be under the corporation's seal. Deeds must be executed by the president, or some other person, acting under authority from the directors of the corporation.

V. FOREIGN CORPORATIONS:

Before foreign corporations can do business in this State they are required to file certified copies of their charters with the Secretary of State at Austin, and procure permits. In the event of their failure to do so they can not maintain suits in the courts of this State. Corporations chartered under the laws of this State can acquire and own such property as is necessary in carrying out their charter purposes, and generally to enter into such obligations as are essential to the transaction of their authorized business.

MINING.

I. MINERAL LANDS:

An act passed at the session of the last Legislature (1895), to promote the development of the mining resources of Texas, and repealing all laws in conflict with the same, provides: That all public school, university, asylum and public lands specially included under the operation of this act, all the lands containing valuable mineral deposits now owned by the State and situated within the reservation known as the "Pacific Reservation," which were taken off the market and reserved from sale by an act approved January 22, 1883, are hereby reserved from sale or other disposition, except as herein provided, and are declared free and open to exploration and purchase under regulations prescribed by law, by citizens of the United States and those who have declared their intention of becoming such: Provided, that all who have located and recorded valid claims under previous valid laws and have not abandoned but are engaged in developing the same, shall have a prior preference right for ninety days after the passage of this act in which to relocate same under this act. It shall be the duty of the Commissioner of the General Land Office immediately upon the passage of this act to have a map made showing the location of all public school, university, asylum and public lands which are unsold at that date, and it shall be the duty of the geological and mineralogical survey to examine all such lands as soon as practicable thereafter, and to designate such tracts as are apparently mineral bearing as mineral lands for the purposes of this act. If mineral lands are afterwards claimed to exist at other locations than are so designated they shall also be examined and classified accordingly. It shall be the duty of the commissioner of the general land office to unite a suitable number of these mineral locations into mining districts, in each of which shall be a surveyor, who must either be the surveyor of the district or county or a regular appointed deputy and an officer qualified to administer oaths.

II. LOCATION AND RECORD:

A mining claim upon veins or lodes of quartz or other rocks in place bearing silver, gold, cinnabar, lead, tin, copper and other valuable metals, excluding deposits of kaolin, baryta, salt, marble, fire clay, iron ore, coal, oil, natural gas, gypsum, nitrates, mineral paints, asbestos, marls, natural cement, clay, onyx, mica, precious stones or any other non-metallic mineral, and stone valuable for ornamental or building purposes or other valuable building material, may equal but shall not exceed one thousand five hundred feet along the mine or vein or lode. No such claim shall exceed twenty-one acres in total area. The end lines of each claim shall be parallel to each other, and all claims shall be in the form of a parallelogram or square, unless such form is prevented by adjoining rights or boundaries of the section in which the claim lies. The locator under this act shall be entitled to the use of all the superficial area between the enclosing lines of the claim, and to all minerals thereon and between the side and end lines, extending downwards vertically, until the rights secured by posting are forfeited as provided; and in all conflicts priority of location shall decide.

The locators of any mining claim shall post up in a conspicuous place at the center of one of the end lines of the same a written notice, stating the name of the location, the claim and date of posting, and describe the claim by giving the number of feet in length and width and the direction the claim lies in length from the notice, together with the section, if known, and the county, and describe the corners, at which shall be placed stone monuments, so that they can be readily found.

The locator shall, within three months after the date of posting the required notice, sink a shaft at least ten feet in depth by four feet square, or a tunnel of the same dimensions ten feet in length, or an open cross cut twenty feet in length, four feet or more wide and ten feet in

depth at its shallowest part, and shall within said time file with the county surveyor or the district surveyor of the county, as the case may be, an application in writing for the survey of the claim, which application shall be accompanied by a fee of twenty dollars, unless its tender is waived, and also with an affidavit attached thereto stating that the required work has been done, that the locators have found valuable minerals on the claim, the date of the first posting of the notice on the claim by the applicants; and that the notice has not been post dated or changed in its date. Upon receiving said application and fee the surveyor shall record the application, together with the affidavit, and he shall forthwith proceed to survey said claim, and forward the field notes to the Commissioner of the General Land Office within thirty days after filing the application, in default of which he shall pay the aggrived party such damages as he may sustain, and in addition thereto shall be deemed guilty of a misdemeanor, and on conviction fined not less than twenty dollars nor more than one hundred dollars; and it shall be the duty of the applicants to see that the field notes are so returned. The fee of twenty dollars shall cover all the services provided for in this section. In all other cases enumerated in this act the fee shall be the same allowed county clerks for similar services.

III. ASSESSMENT WORK:

Annually after the filing of the application for a survey, the claimant shall, until after the application is made for a patent, as hereinafter provided, do one hundred dollars' worth of work in developing each claim; but where claims adjoin, the amount of work may be done on one for all belonging to the same party. The value of such shall be estimated at what it could be contracted for at a fair cash price, but the cost of tools and implements and the expense of going to and returning from the mine shall not be included in said estimate. Within one month after the expiration of each year the owner shall make and file with the surveyor his affidavit setting forth specifically what the work consists of in detail, and the value thereof. Upon the failure of any one of several owners to contribute his proportion of the expenditures required in this act within the necessary time, the co-owners who have performed the labor or made the improvements or paid the fees or other expenditures required in this act, may at the expiration of the year in which the same is to be done, give notice in writing or notice by publication in a newspaper published in the county where the claim is, if any; if none in such county, then in the newspaper published nearest the mine, for at least once a week for ninety days. If after such personal notice in writing or by publication such delinquent shall fail or refuse to contribute his proportion of the expenditure required by this act, his interest in the claim shall become the property of his co-workers who have made the required expenditures. An affidavit by the co-owners forfeiting the interest of such delinquent shall, when recorded in the office of the proper surveyor, be sufficient evidence of such delinquency.

IV. TUNNEL VEINS:

When a tunnel is run for the development of a vein or lode or for the discovery of mines, the owner of such tunnel shall have the right of possession of all veins or lodes within two thousand feet of the face of such claim on the line thereof, not previously known to exist, discovered in such tunnel to the same extent as if discovered from the surface; and locations on the line of such tunnel of veins or lodes not appearing on the surface, made by other parties after the commencement of the tunnel, and while the same is being prosecuted with reasonable diligence, shall be invalid; but failure to prosecute the work in the tunnel for six months shall be considered as an abandonment of the right of all undiscovered veins on the line of said tunnel.

V. ISSUE OF PATENT:

Whenever the owners of any mining claim shall desire a patent, they shall, within five years after the filing of the application for survey, file their application for a patent upon their claim with the Commissioner of the General Land Office, accompanied by the receipt of the State Treasurer showing that twenty-five dollars per acre has been paid by the applicant for patent to the State Treasurer. Whereupon such patent shall issue unless a protest is filed. (See "Protests.")

Within twelve months after the filing of the affidavit hereinafter provided for, any person or association of persons citizens of the United States, shall have the right to purchase and obtain patent by compliance with this act, of any of the lands of the State which are specified or included in the "Mineral Lands" section of this abstract, containing valuable deposits of kaolin, baryta, salt, marble, fire clay, iron ore, coal, oil, natural gas, gypsum, nitrates, mineral paints, asbestos, marl, natural cement, clay, onyx, mica, precious stones or any other nonmetallic mineral and stones valuable for ornamental or building purposes or other valuable building material, in legal subdivisions, in quantity not exceeding one section: Provided, that where any such parties shall have expended, or shall expend, five thousand dollars in developing the mineral resources of any of said lands, such party shall have the right to buy one additional section and no more, and to include in the purchase any section or part thereof on which the work may have been done. The land so purchased may be in different sections, and all embraced in one or more obligations, not to exceed the quantity stated. The purchaser shall pay not less than fifteen dollars per acre where the land shall be situated ten miles or less from any railroad in operation, and not less than ten dollars per acre where the land is over ten miles from such railroad, one-tenth of the purchase money to be paid in cash to the State Treasurer on or before the expiration of the twelve months aforesaid; and the purchasers shall file the treasurer's receipt with the Commissioner of the General Land Office, together with an obligation to pay the State of Texas the remainder in nine equal annual installments, with interest at four per cent per annum from date, subject to forfeiture as in other cases; and all said lands are reserved from sale or other disposition than under this act; and where application is made to buy any of the lands herein named except under this act, the purchaser shall swear that there are none of the minerals named in this act on said lands, so far as he knows or has reason to believe or does believe: Provided, further, that any party hereinbefore named, who shall prior to the passage of this act have been the first to work on said lands for the development of said mineral resources, and who has not abandoned said work, and is qualified at passage of this act to buy, shall have a prior preference right of doing so for thirty days after this act goes into effect: Provided, further, this section of this act shall not authorize the sale of lands containing valuable deposits of gold, silver, lead, cinnabar, copper or other valuable metal: Provided, further, that any person desiring to acquire any lands under the provisions of this section shall have the right to prospect said land for a period of twelve months before making any payment thereon, upon condition that said prospector shall file with the proper surveyor his affidavit in writing, setting forth that he has gone upon the land in good faith with the intention of purchasing the same under the provisions of this section, giving a reasonable description of said land. After the filing of said affidavit the surveyor shall immediately forward the same to the Commissioner of the General Land Office, who shall take said action off the market until the expiration of twelve months after the filing of such affidavit with the surveyor.

VI. PROTEST AGAINST PATENT:

Any person desiring to contest the issuance of a patent may do so by filing with the Commissioner of the General Land Office a protest setting forth the grounds of objection generally, and that protestant has an interest in the subject matter, which protest shall also state that the same is presented in good faith and not to injure or delay the applicants or any of them, and the same shall be verified by affidavit. Whereupon it shall be the duty of the commissioner to withhold patent until the controversy is ended: Provided, that if the protestant shall not within thirty days after filing his protest institute suit in the court having jurisdiction thereof in the county where the claims are located, his protest shall constitute no further barrier to the issuance of patent. A certified copy of the petition or a certificate of the clerk of the court where suit is pending shall be sufficient evidence to the commissioner of the pendency of the suit, and of the date of filing said suit. When the land in controversy lies partly in two counties suit may be brought in either. More than one claim shall not be embraced in the same patent or application. The suits here provided for shall be entitled to precedence of trial on the docket.

VII. FORFEITED CLAIMS:

All claims upon which patent has not been applied for within five years next after the application for survey, or which have not been surveyed and the field notes returned to the General Land Office within the time prescribed therefor as hereinbefore provided, or upon which the assessment work has not been done, an affidavit therefor filed as provided by this act, shall be and are declared forfeited without judicial action of any kind, and subject to location as originally, but not by any one interested in the claim at the time of forfeiture, and any location for or on behalf of any such party shall be wholly void. Whenever any such claim shall be relocated, the locators and each of them shall make affidavit that the location is made without any contract or agreement of any kind that any of the parties owning an interest in the location before the re-location has or is to have any interest in the same. In all other cases where affidavit is required by this act it may be made by one or more of the parties cognizant of the facts.

No claim which has been forfeited for any cause shall be subject to relocation for a period of thirty days next thereafter, and the party owning the same may apply to the land commissioner within that time for relief, and if it appear to him from the proof submitted that the forfeiture was not occasioned by the negligence of the owner, but by circumstances which he could not reasonably control, the commissioner may within that time, in his discretion, grant relief against the forfeiture, and if such

relief be granted he shall at once forward his order to that effect to the surveyor, who shall file the same for record in his office.

VIII. SALE OF LANDS:

Whenever any application shall be made to buy or obtain title to any of the lands embraced in this act, except where the application is made under this act, the applicant shall make an oath that there is not, to the best of his knowledge and belief, any of the minerals embraced in this act thereon, and when the commissioner has any doubt in relation to the matter he shall forbear action until he is satisfied. Any such sale or disposition of said lands shall be understood to be, with the reservation of the minerals thereon, subject to location as herein provided.

IX. PLACER CLAIMS:

Claims usually called placers, including all forms of metallic deposits, excepting veins of quartz or rock in place, shall be subject to entry and patent under like circumstances and conditions and upon similar proceedings as are provided for vein or lode claims. All placer claims located shall conform as near as practicable with existing surveys and their subdivisions, and no such location shall include more than forty acres for each individual claimant, and shall not exceed three hundred and twenty acres for any association of persons. The price which shall be paid for such placer shall not be less than ten dollars per acre, together with all costs of proceedings as before provided.

X. MILL SITES:

Where non-mineral land not contiguous to the vein or lode is desired by the prospector of such vein or lode for mining or milling purposes, such non-adjacent surface ground may be embraced and included in an application for a patent for such vein or lode, and the same may be patented therewith, subject to the same preliminary requirements as to survey and notice as are applicable to veins or lodes; but no location of such non-adjacent lands shall exceed ten acres, and payment for the same must be made at the same rate as fixed by this act for the superficies of the lode. The owner of a quartz mill or reduction works, not owning a mine in connection therewith, may also receive a patent for a mill site, as provided in this section.

XI. TIMBER RIGHTS:

Any owner or worker of mining claim under this act is authorized to fell and remove for building and mining purposes any timber or any tree growing or being upon unoccupied lands as heretofore described, said lands being mineral and subject to entry only as mineral lands, under such rules and regulations as may be prescribed for the protection of timber and undergrowth upon such lands, and for other purposes.

XII. OATHS AND CERTIFICATES:

For the purpose of effectually carrying out the provisions of this act all county or district surveyors are especially authorized and empowered to administer oaths, take affidavits and make certificates thereof: And it is also provided that all laws and parts of laws in conflict with the act, or any part thereof, are especially repealed.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF UTAH.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by BOOTH, LEE & GRAY, Attorneys-at-Law, 62, 63, 64, 65 Commercial Block, Salt Lake City, Utah.

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COMMERCIAL LAW.

I. ACTIONS:

There is but one form of civil action. The action must be prosecuted in the name of the real party in interest, except that an executor, administrator or trustee of an express trust may sue in his own name. Actions are commenced by filing a written complaint, or, if in Justices' Court, by filing a copy of the note, account or other instrument sued on. Summons may issue at the time of filing the complaint or at any time within one year thereafter, and must be served by leaving a copy thereof with the defendant, or with some person over the age of fourteen years at the usual place of residence of the defendant. Provision is made for service by publication in certain cases. Non-resident plaintiffs may be required to give security for costs.

II. ALIENS:

No restrictions against aliens acquiring and holding real property in Utah. Non-resident foreigners must make claim to succession within five years after the death of the decedent to whom succession is claimed.

III. APPEALS:

Appeals may be taken from judgments rendered by justices of the peace or a Police Court to the District Court within thirty days after the rendition of the judgment. Undertaking on appeal must be given with sufficient sureties in the sum of one hundred dollars for the payment of costs, and in order to stay execution the undertaking must be in a sum double the amount of the judgment and costs. The trial in the District Court shall be de novo, and shall be final, except in cases involving the validity or constitutionality of a statute.

Appeals from the District Court to the Supreme Court may be taken within one year after the entry of a final judgment in the action, or special proceeding commenced in the court in which the same is rendered. From an order granting or refusing a new trial; from an order granting or dissolving, or refusing to grant or dissolve, an injunction; from an order dissolving or refusing to dissolve an attachment, and from appealable interlocutory judgment or orders, the appeal must be taken within sixty days after the entry of such order or judgment.

IV. ASSIGNMENTS:

Common law prevails, therefore preferences are allowed.

V. ATTACHMENTS:

The plaintiff at the time of issuing the summons or at any time afterward may have the property of the defendant attached in an action upon a judgment or upon a contract which is not secured by any mortgage or lien upon real or personal property in this State; or, if originally so secured and the security, without any act of the plaintiff or of the person to whom the security is given, has become valueless; upon substantially the same grounds as in other states; and upon filing affidavit, and indemnity bond conditioned in favor of the defendant. In certain cases attachment may issue before maturity of the debt.

VI. CLAIMS AGAINST ESTATES:

Relatives of deceased are entitled to administer the estate only when they are entitled to succeed to estate or some portion thereof. The surviving partner must in no case be appointed administrator of his deceased partner's estate. When objection is made by any person interested a married woman must not be appointed an administratrix, or, if administratrix marries, letters to her may be revoked. Every executor or administrator must immediately after being appointed cause to be published a notice requiring all persons having claims against the estate to exhibit them with the necessary vouchers, within ten months after the first publication of said notice, or, if the value of the estate is less than three thousand dollars, claims must be presented within four months. If the claims be not presented within the time designated they shall be forever barred, with the exception that, if it be made to appear by affidavit of claimant, to the satisfaction of the court, that the claimant had no notice

by reason of being out of the State, claim may be presented any time before decree of distribution. Every claim which is due must be supported by affidavit of claimant, or some one in his behalf, that the amount is justly due, and that no payments have been made thereon which are not credited, and that there are no offsets to the same to the knowledge of affiant. If the claim be not due when presented, or be contingent, the particulars of such claim must be stated. When the affidavit is made by a person other than claimant he must set forth the reason why it is not made by claimant. The executor and administrator may also require satisfactory vouchers or proofs to be produced in support of the claim. If the claim be allowed by administrator it must be presented to the judge of probate for approval. If the claim be founded on a bond, bill, note or any other instrument, a copy of such instrument must accompany the claim. If the claim or any part thereof be secured by a mortgage, or other lien, it shall be sufficient to describe the mortgage or lien and refer to the date, volume and page of its record. If a claim that is then due is rejected, holder must bring suit within three months from the date of its rejection; or, if the claim not due, suit must be brought within two months after maturity thereof, otherwise it is barred. Claims are payable: 1. Funeral expenses. 2. Expenses of last sickness. 3. All debts which were liens on property of descendant at the time of death. 4. All other demands against the estate. Preference given to liens extends only to the proceeds of property affected by such liens. If there be not sufficient assets to pay all debts of any one class, such assets shall be distributed among that class pro rata.

VII. COURTS:.

There are Supreme, District and Justice of the Peace Courts. The Supreme Court has original jurisdiction to issue writs of mandamus, certiorari, prohibition, quo warranto and habeas corpus, and appellate jurisdiction only in other matters.

District Courts are courts of general jurisdiction over both civil and criminal matters, and over all probate matters as well. The State is divided into seven judicial districts. There are at least four terms of court in each county in the State every year. Justices of the peace have jurisdiction in civil matters, where the title to real estate is not involved and when the amount claimed is less than three hundred dollars.

VIII. FEES:

Acknowledgment before notary public, justice or clerk of court	$ .50
Attachment: to clerk of court	15.00
Appeal: from Justice Court	8.00
To Supreme Court	10.00
Commencement of suit in Justice Court	5.00
Commencement of suit in court of record: Law	13.00
Equity	10.00
Incorporation: To Secretary of State, $8.00; probate judge, $17.00; total	25.00
Mandamus: To clerk of court	15.00
Probate, besides attorney's fees, deposit of	20.00
Protest, from $2.35 to	3.25
Record: For first folio, indexing, etc	.50
For each additional folio	.20
Redemption: 6 per cent penalty on amount bid, together with all taxes and expenses, less rents received.	
Sheriff: Contingent on services rendered.	
Witness: In Justice Court, mileage and per day	1.00
In court of record, mileage and per day	1.50

IX. DEEDS:

Conveyances of lands or any interest therein must be made by deed, and the same must be attested by at least one credible witness and acknowledged, or proved, and when so witnessed and acknowledged, or proved, and recorded in the recorder's office of the county in which the real estate is situate, it operates as notice to third persons. The proof or acknowledgment of every conveyance affecting real estate shall be taken, if within this State, by some judge or clerk of a court having a seal, a notary public, county recorder, a justice of the peace of the county where the conveyance is executed and to be recorded; if without this State and within any state or territory of the United States, by some judge or clerk of any court of the United States, a notary public, or a commissioner appointed by the Governor of this State for that purpose; if without the United States by some judge or clerk of any court of any state, kingdom or empire having a seal, or any notary public therein, or any minister, commissioner or consul of the United States appointed to reside therein. It is not necessary for husband to join with wife in conveyance of her separate real estate.

X. DEPOSITIONS:

The testimony of a witness in this State may be taken by deposition at any time after the service of summons or appearance of defendant, and in a special proceeding, after a question of fact has arisen therein, in the following cases: 1. When witness is a party to the action, or person for whose immediate benefit the action is prosecuted or defended. 2. When witness resides out of the district, when the action is pending in the District Court, and out of the county, in either case in which his testimony is to be used. 3. When the witness is about to leave the district or county where the action is to be tried and will probably be absent when the testimony is required. 4. When the witness is too infirm to attend the trial. 5. When testimony is required upon a motion or in any other case where an oral examination of the witness is not required. Such deposition may be taken before a judge or officer authorized to administer oaths on serving upon the adverse party previous notice of time and place of examination, together with a copy of affidavit showing that the case is within the above requirements.

XI. DESCENT:

The property both real and personal of one who dies without disposing of it by will, passes to the heirs of the intestate, as follows: 1. If no issue, to surviving husband or wife wholly, but if child, in equal shares to the surviving husband or wife and child, or issue of such child; and if more than one child be living, or one child and the issue of deceased children, one-third to surviving husband or wife and remainder equally to said children and the issue of such deceased, by representation; but if there be no child of decedent living at his death the remainder goes to all of his lineal descendants, equally, if of equal degree of kindred to decedent, otherwise by representation. 2. In absence of surviving husband or wife, wholly to issue. 3. If no issue, one-half to surviving husband or wife and the other to decedent's father and mother equally, and if either be dead, the whole of said half goes to the other; but if none such, said half goes to brothers and sisters of the decedent, and descendants, by representation. 4. In absence of husband, wife or issue, to father and mother equally, or, if either be dead, then to the other. 5. Equally to brothers and sisters of decedent, and their descendants by representation. 6. To next of kin in equal degree, those claiming through nearest ancestor being preferred.

XII. EXECUTIONS:

Execution may issue at any time within five years after the rendition of judgment, and, if out of the District Court, must be directed to the sheriff of the county in which the writ is to be executed. It must be against the property of the judgment debtor and must require the officer to satisfy the judgment with interest out of the personal property of such debtor; or, if sufficient personal property cannot be found, then out of the real property of the defendant; or, if judgment be a lien upon real property belonging to him on the day when the judgment was docketed, or at any time thereafter. It may be made returnable at any time not less than ten nor more than sixty days after issuance.

XIII. EXEMPTIONS:

The following property is exempt from execution, except from the purchase price thereof, or from the foreclosure of mortgage or other specific lien thereon, viz.: Chairs, tables, desks and books to the value of two hundred dollars; necessary household furniture to the value of three hundred dollars; sewing machine, pictures, provisions, actually provided sufficient for three months; two cows with calves, and two hogs and all sucking pigs; all wearing apparel, beds and bedding; farming utensils not exceeding three hundred dollars in value; also two oxen, horses or mules, harness, one cart or wagon, and food for such oxen, cows or mules for sixty days; all seed grain, or vegetables actually provided, reserved, or on hand for planting or sowing within the ensuing six months of the value of two hundred dollars; tools, tool-chest and implements of mechanic of the value of five hundred dollars; besides instruments, libraries and office furniture of physicians, attorneys, judges, ministers and other professional men; the cabin or dwelling of a miner of value not to exceed five hundred dollars, and also his sluices, pipes, hose, windlass, derrick, cars, pumps, and tools not exceeding in value two hundred dollars; two oxen, two horses or two mules, harness, cart or wagon, dray or truck, by use of which drayman, truckman, huckster, peddler, hackman, teamster or other laborer habitually earns his living; one horse, vehicle and harness, or other equipments, used by a physician, surgeon or minister in making his professional visits, with food for such horse for three months; one-half of earnings of judgment debtor for personal services rendered at any time within sixty days next preceding the levy of execution or attachment, when it appears that such earnings are necessary for the use of his family; all moneys, benefits, privileges, or immunities accruing out of any life insurance on the life of debtor, if the annual premiums paid do not exceed five hundred dollars; all arms, ammunition, uniforms and accoutrements, required by law to be kept by any person; and all courthouses, jails, public offices and buildings, schoolhouses, houses of worship and grounds and property appertaining thereto.

XIV. HOMESTEAD:

If the debtor be the head of a family there is exempt a homestead to be selected by the debtor consisting of lands, together with improvements thereon, not exceeding in value the sum of one thousand dollars for the judgment

debtor, five hundred dollars for his wife, and two hundred and fifty dollars for each other member of his family. If the homestead selected is of greater value than homestead exemption, the judgment debtor may, at his option, permit the same to be partitioned, or to be sold and to receive in money the value of the homestead.

XV. INTEREST:

The legal rate is eight per cent, but any rate may be contracted for.

XVI. JUDGMENTS:

Judgments may be given for or against one or more of several plaintiffs, and for or against one or more of several defendants. In an action against several defendants, the court may, in its discretion, render judgment against one or more, leaving action to proceed against the others, whenever a special judgment is proper. Judgment is barred after the lapse of five years and cannot be revived by scire facias, but suit should be brought within the limitation. Except in case of recovery of money, judgments may be enforced after five years from entry, by leave, on motion, or by judgment for the purpose founded on supplemental pleadings. Judgment of the District Courts becomes a lien from the time it is docketed, upon all the real property of the judgment debtor not exempt from execution in the district, and such lien continues from three to five years. Judgments of justices become liens upon real estate the same as judgments of the District Courts upon the filing of abstract of such judgment and docketing the same in the District Court.

XVII. LIENS:

Liens are secured to mechanics and others, including all persons of every class performing labor upon, or furnishing material to be used in constructions, alteration, addition to, or repair of any building, bridge, ditch, flume, aqueduct, tunnel, fence, railroad, wagon road, or other structure or improvement upon land; and architects, engineers and artisans, who have furnished designs, plats, maps, specifications, drawings, estimates of costs, surveys, or superintendence are likewise granted a lien upon the property upon which they have rendered service, performed labor, or furnished materials, whether at the instance of the owner, or his agent, or a contractor. The lien attaches to such interest as the owner or lessee may have in the real estate, and extends to the entire contract price; and payment made to the principal contractor before commencing the work, or prior indebtedness of the said contractor to the owner, cannot defeat sub-contractor's lien unless written notice thereof is posted and kept posted upon the structure. The original contractor must file his notice of lien in statutory form, with the county recorder for record, within sixty days after the completion of his contract, and every other person claiming the benefit of the lien act must file his notice of lien for record within forty days after furnishing the last material or performing the last labor. Liens may be enforced by action at any time within twelve months after the completion of the original contract, or the suspension of work thereunder for a period of thirty days.

The provisions of the law also apply to person who shall do work or furnish material for the working, preservation or development of any mine, lode, or mining claim. Except on leased mines the lien extends only to the leasehold interest and to ores, etc., mined and excavated by the lessees. All foundrymen, boiler-makers, and all persons performing labor or furnishing machinery or boilers or castings or other materials for constructing or repairing or carrying on work of any mill, manufactory, or hoisting works, have a lien on such structure; but the act does not apply to any public structure or improvement.

XVIII. LIMITATIONS:

No action for the recovery of real property or the possession thereof shall be maintained unless it appears that plaintiff, his ancestor, grantor, or predecessor, was seized or possessed of the premises in question within seven years before the commencement of such action, and such seizing is necessary in actions arising out of title to or rent of real property. In every action for the recovery of real property or the possession thereof, a person establishing legal title is presumed to have been possessed thereof within the time required by law, and occupation by any other person shall be deemed to have been under and in subordination to the legal title, unless that it appear that the property has been held and possessed adversely to such legal title for seven years before commencement of the action.

The periods prescribed for the commencement of actions other than for real property are for: Actions upon a judgment or decree of a court of the United States or of any state or territory therein, for the mesne profits of real property, five years. For actions upon any contract, obligation or liability founded upon an instrument of writing, except as above, four years. For actions for liability created upon the statute other than a penalty or forfeiture; for trespass upon real property; for taking, detaining or injuring, including actions for the specific recovery of property, and for relief on the ground of fraud or mistake, three years; the cause of action in such case not be deemed to have accrued until the discovery by the aggrieved party, of the facts constituting the fraud or mistake. For actions upon a contract or liability not founded upon an instrument of writing; upon an open account for goods, wares and merchandise, in which case action may be commenced at any time within two years after the last charge is made, or the last payment received; against a marshal, sheriff, coroner or constable upon a liability incurred by doing an act in official capacity or by omission of official duty; and to recover damages for the death of one caused by the wrongful act or neglect of another, two years. For actions upon a statute for a penalty or forfeiture; upon a statute, or an undertaking in a criminal action for a forfeiture or penalty to the people of the State; for libel, slander, assault, battery, false imprisonment or seduction; against a marshal, sheriff or other officer for the escape of a prisoner; against a municipal corporation for damages to property caused by mob or riot, one year. For actions against an officer, or officers de facto; to recover any goods seized by such officer in his official capacity, as tax collector, or to recover value thereof, or damages for making any such seizure; for money paid such officer under protest or seized by such officer in his official capacity as collector of taxes, six months. Actions on claims against a county which have been rejected by the County Court must be commenced within one year after the first rejection thereof. If the defendant be absent from the State the statute does not run until his return. There are no limitations against actions to recover money or other property deposited with banks, bankers, trust companies, savings or other loan societies.

XIX. MARRIED WOMEN:

All property belonging to any married woman at the time of her marriage or to which she subsequently becomes entitled in her own right, with the rents and profits thereof, is her separate property, and may be managed, sold or disposed of by her as if a femme sole.

XX. MORTGAGES:

Mortgages on real estate are executed the same as deeds. There is but one action for the recovery of any debt secured by mortgage, which action is by a bill of foreclosure in the District Court, in the county in which the land is situate. Wife must join in the execution of a mortgage, except that for purchase money. The short form mortgage as prescribed by statute may be used. There is six months' redemption from all sales under foreclosure of mortgage, which right of redemption may be exercised by the judgment debtor or a creditor having a subsequent lien by judgment or mortgage on the whole or some part of the property sold.

A chattel mortgage is not good as against third persons, unless possession of property be delivered to and retained by the mortgagee, or unless the mortgage provide that the property may remain in the possession of the mortgagor and be accompanied by an affidavit of the parties thereto; or, in case of absence of a party, that the same is made in good faith to secure the amount named therein and without any design to hinder or delay the creditors of the mortgagor. Every such mortgage must be witnessed, acknowledged by the mortgagor or person executing the same and be filed for record in the office of the recorder of the county where the mortgagor resides, or, in case he is a non-resident of this State, then in the office of the recorder of each and every county where the property may be at the time of the execution of the mortgage. Any such mortgage, duly verified, acknowledged and filed as aforesaid, if made in good faith, shall be good and valid as against third parties, from the time it is so filed for record until the maturity of the entire debt, or obligation, for the security of which the same was given and for ninety days thereafter, provided the entire time shall not exceed fifteen months. Chattel mortgages are foreclosed in the same manner as mortgages on real estate, except that it is lawful for the mortgagor to insert in his mortgage the usual clause of a deed of trust, of power to sell, given to trustee therein named or to the sheriff of the county wherein said property is situate, under such notice and advertisement and in such manner as is provided for the sale of personal property taken on execution.

Trust deeds are frequently used in this State instead of mortgages, and are executed in the same manner. They are in the usual form, with power of sale in trust deed. If foreclosed in the manner therein provided, by advertisement and sale by trustee, there is no redemption; and if foreclosed in court in the same manner that mortgages are foreclosed there is the same redemption as in sales under mortgage foreclosures.

XXI. NOTES AND BILLS:

Days of grace are not allowed. The statute upon this subject follows the law merchant. When a note or bill by its terms becomes due on a holiday it is payable on the next day preceding, except when such preceding day is also a holiday; in the latter case such note shall become due on the next succeeding business day. The maturity of a bill of exchange, payable at sight or on demand is, if it bear interest, one year after its date; if it does not bear interest, ten days after its date, in addition to the neces-

sary time required in forwarding it for acceptance. The maturity of a promissory note payable at sight or on demand is, if it bear interest, one year from its date; if it does not bear interest, six months from its date.

XXII. TAXES:

All property is assessed for taxation as owned and valued on the first day of March of each year. All State, school and county taxes become due and payable on the first of September, annually, and become delinquent on the first of October succeeding. Real estate sold for taxes may be redeemed at any time within two years by any person interested therein by paying into the county treasury for the use of the purchaser, the amount paid by the purchaser and all costs and one and one-half per cent interest per month on the whole from the date of sale to date of redemption and all taxes subsequently paid by the purchaser. If no redemption within two years the purchaser at such tax sale is entitled to a tax deed for the property purchased by him.

XXIII. WILLS:

Every person over eighteen years of age may dispose of his property by will. A married woman may dispose of her separate property by will as if she were sole. Wills must be in writing, subscribed by the testator at the end thereof in the presence of two witnesses, to whom the testator must at the time of subscribing declare the instrument to be his will; and must be attested by such witnesses, each of whom must sign his name at the end of the will, in the presence of the testator and of each other. All wills executed according to the law of the state or country where made or where testator was at the time domiciled, or in conformity to the laws of Utah, may be admitted to probate here after being duly approved and allowed in any other territory, state or foreign country.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

Corporations may be formed under the general laws, but shall not be created by special acts.

The Legislature shall not extend any franchise or charter, nor remit the forfeiture of any franchise or charter of any corporation now existing, or which shall hereafter exist, under the laws of this State.

The stock of corporations shall not be increased, except in pursuance of general law, nor shall the law authorize the increase of stock without the consent of the person or persons holding the larger amount in value of the stock.

No law shall be passed granting the right to construct and operate a street railroad, telegraph, telephone or electric light plant within any city or incorporated town without the consent of the local authorities therein.

No corporation shall do business in this State, without having one or more places of business, with an authorized agent or agents, upon whom process may be served; nor without first filing a certified copy of its articles of incorporation with the Secretary of State.

No corporation shall engage in any business other than that expressly authorized in its charter, or articles of incorporation.

The stockholders of a banking corporation are liable for the amount of their stock subscribed, and for an additional amount, equal to the amount of their stock in such corporation, for all its debts and liabilities of every kind.

II. ORGANIZATION:

Any number of persons, not less than five, one-third of whom are residents of this State, may associate themselves together and become incorporated, under a general act, for establishing and conducting any mining, manufacturing, commercial, or other industrial pursuit; for the purpose of conducting the business of loan, investment, trust or guarantee associations; for the construction or operation of wagon roads, or irrigating ditches; for the colonization and improvement of lands; for the establishment and maintenance of colleges, seminaries, churches, libraries, or any benevolent, charitable or scientific associations, or for any rightful subjects consistent with the constitution and laws of the United States, and of the State.

They shall enter into a written agreement, signed by each of them, and acknowledged by at least three of them before a notary public of the county in which they locate their principal place of business. Such agreement must state: 1. The precinct or city. 2. The name of the association. 3. The incorporators' names and places of residence written in full. 4. The time of its duration, which shall not in any case be less than three nor more than fifty years. 5. The pursuit or business agreed upon, specifying it in general terms. 6. The place of its general business. 7. The amount of stock each party has subscribed, the amount of each share, and the limit of capital stock agreed upon. 8. The number and kind of officers for the association, with their qualifications and term of office, and the time and manner of their election, removal and resignation; how many of the entire board of directors or trustees shall be necessary to form a quorum and be authorized to transact the business and exercise the corporate powers of the corporation. 9. Whether the private property of the stockholders shall be liable for its obligations or not, with such additional clauses as are deemed necessary for the conducting of the business and its future safety and welfare. To this there shall be added the oath or affirmation of three or more of their number to the effect that they have commenced, or it is bona fide their intention to commence, and carry on the business mentioned in the agreement, and that the affiants verily believe that each party to the agreement has paid or is able to and will pay the amount of his stock subscribed for; provided that said acknowledgment shall not be made until ten per cent of the stock subscribed by each shareholder has been paid in; but when subscriptions to capital stock are paid in other than money, the fact shall be so stated, and the kind of property, with a description thereof, specified in the articles of agreement. The agreement with the oath or affirmation shall be deposited with the county clerk within ten days after due execution, and recorded by him. The officers must, before entering upon their duties, take and subscribe an oath of office, and enter into bonds that they will discharge the duties of such office to the best of their judgment, and that they will not do nor consent to the doing of any matter or thing relating to the business of the association with intent to defraud any stockholder, or creditor, or the public, which oath and bond shall be filed in the same office. Whereupon the county clerk shall issue, under the seal of his court, a certificate to the effect that the agreement and oath, and the oath of office and bonds have been filed in his office, which certificate, with a copy of the articles of agreement and oath, certified by him, must be filed in the office of the Secretary of State, who shall issue, under seal of the State, a certificate to that fact; and these proceedings and certificate shall be sufficient to constitute the association a body corporate with succession; and the latter certificate, or a certified copy thereof, shall be evidence of the due incorporation.

III. POWERS:

Corporations so created are authorized to exercise the usual powers of business corporations, use a common seal, to buy, hold or sell such real estate as may be necessary to their business or to collect debts, to make by-laws and to increase or diminish the capital stock by formal proceedings. Corporations have also the right to own and the power to buy and sell real estate as a business to the extent of the limitation imposed by Congress.

IV. TAXATION:

The property of all corporations for pecuniary profit is subject to taxation, the same as that of individuals. Shares of stock in corporations are not taxable when the property of the corporation is taxable.

V. SPECIAL PROVISIONS:

There are special provisions for banking, domestic, railroad, telegraph, telephone, insurance, irrigation, loan, trust and guarantee associations, and building and loan associations.

VI. FOREIGN CORPORATIONS:

Foreign corporations may enter into business in this State, but all such corporations are required within sixty days to file with the Secretary of State, and also with the clerk of the county wherein the principal office in the State is situated, certified copies of the articles and by-laws, and a certificate of incorporation; and in case of alteration and amendment of said articles or by-laws thereafter, shall file certified copies of such alteration or amendment with each of said officers, within thirty days after their adoption.

Such corporation shall also, within sixty days after commencing business, designate some person, residing in the county in which its principal place of business in the State is situated, upon whom process may be served, and shall file such designation with the county clerk and the Secretary of State. Any corporation failing so to comply shall not be entitled to the benefits of the laws limiting the time for the commencement of civil actions.

MINING.

I. LOCATION AND RECORD:

The locator may claim fifteen hundred feet along the vein or lode, and three hundred feet on each side of the middle of the vein or lode at the surface.

The location shall be along the vein or lode, and it shall be distinctly marked on the ground so that its boundaries can be readily traced, and the record shall contain such description by reference to some natural object or permanent monument as will identify the claim. The notice of location must be recorded with the mining recorder of the mining district in which the claim is located; and if the claim is not located in an organized district, or if there is a vacancy in the office of the recorder of any mining district, then with the county recorder of the county in which such claim is located. All transfers of mining claims are made by deed as in the case of land.

II. ASSESSMENT WORK:

Assessment work to amount of one hundred dollars must be performed annually on lode claims.

III. RIGHT OF WAY:

The owner, locator or occupant of a mining claim may have and acquire a right of way over and across the lands or mining claims of others, whether patented or otherwise, for a road, tramway, railroad, ditch, canal, flume, water-pipe line, cut or tunnel in, upon, through and across such lands or claims. Such right may be secured by petition and hearing in the District Court, and on payment of the damages assessed therein. The act contains a provision preventing injury to land through which such right of way passes; providing for the construction of safe crossings, etc., and for keeping same in good repair.

IV. COAL MINES:

All coal mines in which more than ten men are employed in each twenty-four hours shall be provided with an escapement shaft, slope or tunnel for the purpose of securing the safe egress of workmen in case of danger. Punishment for failure to comply with this law is one thousand dollars fine, or one year in the penitentiary

DIGEST OF THE

Commercial, Corporation and Mining Laws OF VERMONT.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by JOHN W. GORDON, Attorney-at-Law, Barre, Vermont.

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MINING:
No legislation relating to mining and quarrying exclusively.

COMMERCIAL LAW.

I. ACTIONS:

The forms of action are those prescribed by common law. The declaration is included in the writ. Suits are commenced by writ of summons or attachment, as plaintiff prefers. ("VI. Arrest," and "VII. Attachment.")

II. ADMINISTRATION:

Letters testamentary are granted by Probate Courts. Letters of administration are granted: 1. To the widow or next of kin, or to both, or to such persons as they may request. 2. If widow or next of kin, or persons selected by them are incompetent, or if the widow or next of kin neglects for thirty days after the death of the deceased to apply for administration, letters may be granted to one or more of the principal creditors, and in case no creditor accepts, then letters may be granted to such person as Probate Court may select.

III. AFFIDAVITS:

May be made before any officer authorized to administer oaths, as justice of the peace, notary public, master in chancery, judge of County or Supreme Court, or commissioner appointed by the Governor in other states and foreign countries, and in case of affidavit to chattel mortgage, a town clerk to whose office the mortgage is returnable.

IV. ALIENS:

Are not expressly prohibited holding real estate, either by the laws or constitution; no forfeiture or escheat of lands owned by aliens. War between United States and foreign countries suspends the running of the statute of limitations in favor of aliens.

V. APPEALS:

From judgments of justices of the peace and municipal courts to County Courts must be taken within two hours, and from Probate Court within twenty days. Exceptions from decisions of the County and Municipal Courts, on questions of law, must be filed within thirty days, but writs of error may be brought within one year. Appeals from judgments of justices of the peace are not ordinarily allowable in suits where the ad damnum does not exceed twenty dollars and in actions on notes and accounts stated not exceeding forty dollars, except when the party makes affidavit that he has a good defense. Appeals from justices of Municipal Courts must be entered with the clerk of the latter within twenty-one days.

VI. ARREST:

May be made in actions of tort; when the defendant holds the plaintiff's money in a fiduciary capacity, and in actions founded on contracts, when the plaintiff makes an affidavit that he believes the defendant is about to abscond, or remove from the State, and has secreted about his person, or elsewhere, money or other property to an amount exceeding twenty dollars, or enough to pay the debt. Upon proof that the defendant is not about to abscond, and has not property in the amount above stated, said defendant may take the poor debtor's oath and be discharged from arrest.

VII. ASSIGNMENTS:

May be made for the benefit of all creditors alike, with no preference, if made in accordance with the statutory provisions, to a disinterested assignee. If statutory provisions are not complied with, the property may be subject to attachment or trustee process at the suit of creditors, whether in the hands of the assignee or not. Special assignment of the entire debt may be made on proper consideration, either orally or in writing, but if of a part of a debt it is not binding without acceptance.

VIII. ATTACHMENT:

Of real and personal property is allowable on mesne process, and holds good on personal property for thirty days, and on real property for five months, after final judgment. Attachment of personal property may be made by lodging a copy of the writ and officer's return in the town clerk's office. All personal property is attachable for purchase money.

IX. DEEDS:

Must be signed and sealed with a wafer or some cohesive matter in the presence of two witnesses, and must be acknowledged before a notary public, justice of the peace, master in chancery, or town clerk to whose office the paper is returnable. Acknowledgments without the State may be made before any officer authorized by such state to take acknowledgment, or by commissioner appointed by the Governor of this State. The separate acknowledgment or private examination of the wife is not required.

X. DEPOSITIONS:

May be taken when the witness resides more than thirty miles from the place of trial; when he is going out of the State not to return before trial; when he is not a resident of the State; and when, by reason of sickness or infirmity, he is unable to attend court. Depositions may be taken before a notary public, justice of the peace and master in chancery; or, if out of the State, by any officer there authorized to take depositions. The statutes give the forms for the citation, certificate and caption.

XI. DESCENT:

The widow is entitled to her personal apparel and ornaments, and such other part of the personal estate as may be assigned to her, being not less than one-third thereof; and the whole may be assigned to her if the estate does not exceed three hundred dollars. The residue, if there is more than three hundred dollars in value, is distributed the same as the real estate.

Of the real estate the widow has one-third as dower. If the husband leaves no issue, the widow is entitled to the whole of his estate if it does not exceed two thousand dollars in value. If it exceeds that sum, then the widow is entitled to two thousand dollars and one-half the remainder, and the remaining part of the estate shall descend in the same manner as the whole would if no widow survived. If the wife leaves no issue, husband has the same share as wife would have in his estate if he left no issue. If the deceased person leaves no issue, widow, nor father, his estate shall descend in equal shares to his

brothers and sisters; and the mother, if living, takes the same share as a brother or sister. If the deceased leaves no issue or widow, the whole estate goes to the father; and, if none of the above named relatives survive, the estate descends in equal shares to the next of kin in equal degree; but no person shall be entitled by right of representation to the share of such next of kin who shall have died. The degrees of kindred are computed according to the rules of civil law, the kindred of half blood inheriting equally with those of the whole blood of equal degree. Illegitimate children inherit the estate of their mothers, and mothers that of such children.

XII. EXECUTIONS:

Personal property taken in execution is sold at public sale, and real estate is appraised and set off to satisfy the same.

XIII. EXEMPTIONS:

The law exempts a homestead to the amount of five hundred dollars, and numerous articles specified by statute.

XIV. GARNISHMENT:

In actions on contract the goods, effects or credits of the defendant in the hands of a third person may be attached if the debt on which the suit is based, and the goods, effects or credits so attached, exceed ten dollars.

XV. INSOLVENCY:

An insolvent law was passed in 1876, and is now in force. It is very similar in its provisions to the United States bankrupt law. It, of course, has no extra territorial effect. Judges of Probate Courts are judges of the Courts of Insolvency, and the law provides for voluntary and involuntary bankruptcy. Preferences and attachments within four months are dissolved by the adjudication of insolvency. Discharges are not granted where the assets do not amount to thirty per cent of the debts proven unless a majority in number and amount of the creditors assent thereto.

XVI. INTEREST:

The legal rate is six per cent. The excess above six per cent when paid may be recovered back by the party paying it.

XVII. JUDGMENTS:

Do not of themselves create a lien upon property not attached upon mesne process.

XVIII. LIENS:

Upon personal property sold and delivered, may be retained until the purchase price is paid, providing a memorandum witnessing such lien and conditional sale is duly executed and recorded in the clerk's office of the city or town in which the purchaser resides, within thirty days after the delivery of the property, and not otherwise.

A corporation has a lien on the capital stock held by the stockholders and upon their property invested in the corporation for the debts due to it.

Persons performing labor or furnishing material in building, repairing, fitting or furnishing a ship, vessel or steamboat have a lien on the same for eight months, and may secure same by attachment, which shall have precedence of all other claims.

A person erecting, repairing, moving, or altering a building, or furnishing labor or materials therefor shall have a lien to secure payment therefor on such building and the land on which it stands, which lien continues in force three months, but does not take effect until a memorandum of the claim is recorded in the town clerk's office of the town where the real estate is situated. It does not avail sub-contractors and does not take precedence of any former mortgage or lien.

When a person or company is compelled to stop business by reason of attachment and does not resume in thirty days, and is indebted to an employe for wages, such employe has a preference to the amount of fifty dollars, and his attachment will take precedence of others to secure that amount. In insolvency his claim to that amount is preferred.

XIX. LIMITATIONS:

Actions for recovery of lands, fifteen years; actions on contracts, accounts, notes, trespass on land, and all other actions for taking or injuring or detaining goods, six years; actions for assault and battery and false imprisonment, three years; actions for slanderous words and libels, two years.

XX. MARRIED WOMEN:

A married woman retains her real estate, and the rents, issues and products thereof, and her earnings are not subject to attachment on debts of the husband. She may make a will of her real and personal property, and may sell and dispose of her property, except that she cannot mortgage or convey real estate without the joining of her husband in the deed. A married woman carrying on business in her own name may sue or be sued.

XXI. MORTGAGES:

Are allowed without change of possession of the property, if executed in accordance with the statute and recorded in the office of the clerk of the city or town where the mortgagor resides, or if the mortgagor is a non-resident, where the property is situated. The mortgagee, at any time after thirty days from the time at which the condition is broken, may cause the property to be sold at public sale, by an officer, in satisfaction of the mortgage debt.

XXII. NOTES AND BILLS:

Are governed ordinarily by the law merchant. Notes payable on demand are considered overdue after sixty days. No days of grace are allowed.

XXIII. TAXES:

Real estate may be sold for taxes, with right of redemption within one year from date.

Manufacturing establishments, quarries and mines when first opened, including buildings and machinery necessary for the prosecution of the business, may be exempt from taxation for five years by a majority vote of the legal voters of the town or city where the same is situated.

XXIV. WILLS:

Must be signed by the testator and attested by three witnesses, who must subscribe as such, in the presence of and at the request of the testator, and in the presence of each other. A will made out of the State, which may be proved in the state where made, may be proved in this State. Wills must be recorded in the Probate Court and in the clerk's office in each town where real estate is in any wise affected by the will. No nuncupative will will pass personal estate when the estate thereby bequeathed exceeds two hundred dollars, nor be allowed unless a memorandum thereof is made in writing by a person present at the time of the making of such will, within six days from the making of it, nor unless presented to the Probate Court within six months after the death of the testator, but the common law rule applies to a soldier in actual military service, or mariner or seaman at sea in the disposal of his wages or other personal estate.

CORPORATIONS.

I. PURPOSES:

Corporations are often created by special charter, but may be formed by voluntary association for certain purposes, among them for manufacturing, mercantile, mechanical, mining, quarrying and building purposes, and for constructing and running railroads under certain restrictions.

II. ORGANIZATION:

Articles of association, signed by at least five incorporators, are filed with the Secretary of State, and a certified copy thereof must be recorded in the office of the clerk in the town or city in which the principal office of said corporation is located.

Before a corporation commences business the president or clerk shall make a sworn certificate of the amount of capital stock actually paid in, and file it with the Secretary of State, and a certified copy thereof with the clerk of the town or city in which is the head office. A failure to comply with these provisions, and the above provisions of filing a certified copy of the articles of association subjects the president and directors to a personal liability for the debts of the corporation.

III. DIRECTORS:

The corporation is managed by not less than three directors, who must be stockholders, and two of them must reside in the State. They shall be elected annually, and one of their number shall be elected president, and they may fill any vacancy in their board occurring during the year. They shall appoint a clerk and treasurer. A majority of the directors shall be a quorum, and a majority represented at a meeting may transact the business of a stockholders' meeting. Each share of stock is entitled to one vote.

IV. CAPITAL STOCK:

The capital stock shall be not less than five hundred dollars and not more than one million dollars. The shares shall not exceed one hundred dollars each. The corporation may, under certain provisions, increase or diminish its capital stock at any time after organization.

V. LIABILITIES:

Besides the liability of the president and directors above mentioned, a director assenting to the creation of the indebtedness over two-thirds of the capital stock actually paid in, shall be personally liable for the excess. One-fourth the capital stock must be paid in before the corporation contracts debts.

The clerk shall keep in the town where the corporation creditors to the amount unpaid on the stock held by them

respectively for contracts and debts of the corporation. If the capital stock is withdrawn and refunded to the stockholders before the full payment of its debts said stockholders shall be personally liable for such debts to the amount so refunded.

VI. BOOKS AND RECORDS:

The clerk shall keep in the town where the corporation has its principal place of business a book containing a record of articles of the association, the number of shares held by each person, amount paid in by each, the time when they became owners, and the time and a record of transfers. All books of the corporation are subject to the inspection of the stockholders at the annual meeting and other reasonable times.

VII. DISSOLUTION:

Corporations are subject to future legislation and to dissolution by order of the Supreme Court or by decree in chancery upon vote of one-fourth the capital stock for proper cause shown.

VIII. FOREIGN CORPORATIONS:

There are no statutes relating to foreign corporations engaged in manufacturing, mercantile, mining or quarrying business, or in similar business, as to the method of their entering or doing business in the State, and they are allowed to do business without interference or regulation. This does not apply to insurance companies or banking institutions.

DIGEST OF THE

Commercial and Corporation Laws OF VIRGINIA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by PHLEGAR & JOHNSON, Attorneys-at-Law, Christiansburg, Virginia.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

All writings which are to be admitted to record (except conditional sales of personal property) must be acknowledged or proved by the oath of two witnesses before a clerk of the Circuit, County, or Corporation Court, or a justice, commissioner in chancery of a court of record, notary public, commissioner appointed by the Governor of Virginia for another state, clerk of a court of record within the United States, minister plenipotentiary, charge d'affaires, consul general, consul, vice consul, or a commercial agent appointed by the Government of the United States to any foreign country; or before the proper officer of any court of any such country, or the mayor or other chief magistrate of any city, town, or corporation therein. Where the acknowledgment or proof is before an officer not residing in the United States he must certify the same under his official seal.

II. ALIENS:

Any alien, not an enemy, may acquire by purchase or descent and hold real estate in this State; and the same may be transmitted in the same manner as real estate held by citizens.

III. ASSIGNMENTS:

Since the repeal of the bankrupt law, assignments may be made in trust for any special number of creditors, or for all the creditors. A debtor can make preferences. A trust deed on a stock of goods, reserving right to the grantor to sell and reinvest, is void.

Any lien or incumbrance on its work or property, created by any company chartered by a court or judge, for the purpose of giving a preference to any creditor, except to secure a debt contracted or money borrowed at the time of the creation of the lien or incumbrance, shall enure to the benefit ratably of all the creditors of the company then existing.

IV. ATTACHMENTS:

At the time or after an action is brought to recover specific personal property, a debt, or damages for breach of contract, express or implied, or damages for a wrong, and the defendant is a non-resident of the State, or is removing his effects out of the State, or is conveying or assigning his property with intent to hinder, delay, or defraud his creditors, an attachment may issue to seize the property of the defendant.

Whether the claim be payable or not, an attachment may be sued out against a debtor removing, or about to remove, his effects out of the State; also in certain cases for rent, and in certain others against vessels, boats, river craft, etc.

Chattel mortgages can be made, but unless recorded are void as to creditors, etc., against an attachment.

There must be property of a non-resident defendant which can be and is actually levied on, to give jurisdiction.

V. CLAIMS AGAINST ESTATES:

Where not evidenced by writing signed by the decedent, they must be proved to the satisfaction of the commissioner of accounts; the affidavit of a disinterested person is usually sufficient. All claims must be proved or suits brought upon them within five years from the qualification of decedent's personal representative; or if the right of action shall not have accrued at the time of decedent's death, within five years from the time it accrues.

VI. COURTS:

County Courts have jurisdiction of criminal business, probate of wills, appointment of administrators and guardians, opening roads, etc., and of removals and appeals from justices of the peace. They meet monthly on a day prescribed by the judge of the court.

Circuit Courts have jurisdiction of all civil matters. Where the demand is merely pecuniary it must exceed twenty dollars. They have appellate jurisdiction from the County Court. Their terms are prescribed by the Legislature. Some Circuit Courts are held twice a year, some three times, and some four times.

The Supreme Court of Appeals has appellate jurisdiction only, except in cases of mandamus, prohibition and habeas corpus. Where the matter in controversy is wholly pecuniary it must not be less than five hundred dollars.

VII. FEES:

Acknowledgment before notary public	$ .50
Acknowledgment before justice	.50
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Attachment: entirely contingent: from $7.50 to	100.00
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Commencement of suit in Justice Court; for warrant	.50
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25,000 to 50,000	25.00
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100,000 to 300,000	65.00
300,000 to 500,000	90.00
500,000 to 800,000	115.00
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Mandamus: contingent.	
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Protest: expenses and	2.10
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VIII. DEEDS:

When voluntary, are void only as to existing creditors. If set aside as fraudulent, the grantor may claim homestead exemption. No estate of inheritance or freehold,

or for a term of more than five years in lands, shall be conveyed except by deed or will. Voluntary partition by co-parceners can be made only by deed.

IX. DEPOSITIONS:

Depositions are taken in all chancery and common law suits where the witnesses reside out of the State, more than one hundred miles from the place of trial, or are aged or infirm. Reasonable notice must be given of the time and place of taking the same.

They may be taken before a justice of the peace, notary public, commissioner in chancery, or a commissioner appointed by the Governor of this State in another state. No commission is necessary to take depositions. Depositions may be taken to perpetuate testimony, under certain proceedings described by the code; and also may be taken in a foreign country by any person that the parties may agree upon in writing, or by any person authorized to take acknowledgments of deeds in such foreign country.

X. DESCENT:

Real and personal estate descends: 1. To children and their descendants. 2. If none such, to the father. 3. To the mother, brothers, and sisters, and their descendants. 4. If none such, then one moiety to the paternal, and the other to the maternal kin in upward and collateral order.

If an infant dies having real estate derived from a parent, the land goes to the kindred on the side of that parent.

A purchaser of land from an heir or devisee before a commissioner's report of the ancestor's or testator's debts is filed, is protected against the claims of ancestor's or testator's creditors if the purchase is made more than twelve months after his death.

XI. EXECUTIONS:

Executions may issue at any time within one year, and scire facias, or action to revive judgments, within ten. When an execution has issued within the year, other executions may be issued, or a scire facias or an action may be brought within ten years from the return day of an execution on which there is no return by an officer; or within twenty years from the return day of an execution on which there is such return, except that against the personal representative of a decedent it must be sued out within five years after qualification as such.

Any endorsement by an officer, upon a writ of execution which shows that the amount for which it issued has not been made, is sufficient to give twenty years in which another execution may issue.

XII. EXEMPTIONS:

Personal property: Bible, family pictures, and books to the value of one hundred dollars; pew in church, burial lot, beds and bedding for family, various articles of housekeeping, and sewing machine; mechanic's tools to the value of one hundred dollars; by seaman or fisherman his boat to the value of two hundred dollars; farmer, one yoke of oxen or pair of mules and farming utensils.

XIII. HOMESTEAD:

A householder, the head of a family, is entitled to have real and personal property exempt from sale under execution to the value of two thousand dollars, excepting for a debt incurred for the purchase of such real or personal property, rent, services rendered by a laboring person or mechanic, liabilities incurred by any public officer or officer of court, or any fiduciary or attorney for money collected, for taxes, for the legal or taxable fees of any public officer or officer of a court, or for any debt or liability on contract as to which debtor has waived his homestead exemption. All wages, also, not exceeding fifty dollars a month, are exempt. The homestead claimed to be exempt must be described in a writing signed by the householder and duly admitted to record in the county or corporation wherein the property claimed is located. A debtor cannot squander one homestead and take another.

A laborer's wages to the extent of fifty dollars a month are absolutely exempt, and such exemption cannot be waived so as to make execution a lien on the same.

XIV. INTEREST AND USURY:

The legal rate of interest is six per cent per annum. All contracts for more are void except as to principal. Interest is not allowed if bond is usurious on its face, though usury may not be pleaded. No corporation can plead usury.

XV. JUDGMENTS:

Judgments are liens on real estate possessed by debtor at or after the date of judgment; or if judgment be rendered in term in a case docketed at the beginning of the term, at or after the first day of the term. They are liens as against purchasers without notice, if docketed within twenty days from their date, or fifteen days before conveyance is made. Docketing is held to be conclusive notice to all the world. Judgments cannot be enforced in equity if barred at law. Where the liens of two or more judgments commence the same day, the creditors share ratably.

XVI. LIENS:

Any person performing labor or furnishing materials for the construction, repair, or improvement of any property or building, is entitled, under the law of Virginia, to a lien on the whole of same, or sufficient to cover the value of labor performed or material furnished. The contract, in writing, is required to be recorded in the county or corporation wherein the land lies, within thirty days from the completion of the building or from the time that work thereon is otherwise terminated. Liens remain in force but six months from the time the money to be paid is due, unless suit in equity to enforce the lien is instituted within the six months. In a suit in equity the lien also enures to the benefit of persons to whom the holder of the lien is indebted for materials or labor, provided they give notice in writing to the owner of such claim against the general contractor before he is paid. Crop liens must be recorded in the office of the clerk of the county.

XVII. LIMITATIONS:

Actions upon an indemnifying bond, or bond of executor, administrator, guardian, curator, committee, sheriff or sergeant, deputy sheriff or sergeant, clerk or deputy clerk, or any other fiduciary or public officer, or on any contract under seal, must be brought within ten years on an award or contract in writing signed by the party to be charged thereby, within five years. On a retail store account, within two years. On any other contract within three years.

If the creditor is an infant, a married woman, or insane, the period of such limitation is additional, excepting that in all cases the action must be brought within twenty years. All real actions must be entered within fifteen years, east of the Alleghany Mountains; and within ten years, west of the same. No new promise will take an obligation out of these periods unless in writing. Plea of limitation on any action must be entered by the defendant; the court cannot enter such plea for him.

XVIII. MARRIED WOMEN: .

The real and personal property of any female married after April 4, 1877, owned at the time of her marriage, and the rents, issues and profits thereof, and any property, real or personal, acquired by a married woman during coverture, is not subject to the disposal of her husband or liable for his debts, but is her separate and sole property.

Any such married woman has power to contract in relation thereto or for the disposal thereof, and may sue and be sued as if she were a femme sole. Equity will not compel the specific performance of a contract to convey her separate real estate; and her husband must be joined with her in a suit to recover her property.

XIX. MORTGAGES:

Mortgages on real estate must be recorded in the office of the clerk of the county or corporation wherein such property is situate. A deed absolute on its face may be shown by parole proof to be a mortgage.

XX. NOTES AND BILLS:

Where a bill of exchange drawn or indorsed within this State is protested, the party liable for the principal of such bill shall, in addition, pay damages upon the principal at the rate of three per cent if the bill be payable out of Virginia and within the United States, and ten per cent if payable without the United States. On all negotiable notes and bills payable at a future day, grace is allowed according to custom of merchants. No grace on side drafts. Legal holidays, which are January 1st, January 19th (Lee's birthday), February 22nd, July 4th, December 25th, and any day appointed by the President of the United States or Governor of the State as a day of thanksgiving, fasting, and prayer, or other religious observance, shall, for all purposes as regards presenting for payment or acceptance and of the protesting and giving notice of the dishonor of bills, bank checks and promissory notes, be treated as the first day of the week (Sunday) and as public holidays. Whenever one of these legal holidays falls on Sunday, the Monday next following shall be a legal holiday. All bills, notes, checks, and other negotiable instruments, which, by their tenor, are presented on a legal holiday, shall become due and be presented on the secular, or business day next preceding.

The sale of negotiable paper at a greater discount than six per cent by a broker to an innocent purchaser is not usury. The endorser of negotiable paper is not bound by a notice of protest left with a servant.

XXI. SUITS:

Are begun by a summons issued by the clerk of court returnable within ninety days to a rule day, and must be entered at least fifteen days before the term of the court.

There is a tax on every summons beginning a suit at common law of not less than one dollar, and ten cents on every hundred dollars or fractional part thereof in excess of five hundred dollars; also on every chancery suit a tax of one dollar and fifty cents, and on appeals a tax of six dollars.

XXII. WILLS:

Must be in writing signed by the testator, or by some other person in his presence and by his direction, in such a manner as to make it manifest that the name is intended as his signature. Unless wholly written by the testator, the will must be acknowledged by him in the presence of at least two competent witnesses present at the same time, and such witnesses shall subscribe the will in the presence of the testator. No form of attestation shall be necessary.

Marriage revokes a will, except one made in the exercise of a power of appointment. Revocation, except by marriage, must be by writing executed in the same manner in which a will is required to be executed, or by cutting, tearing, burning, obliterating, cancelling, or destroying the same, or the signature thereto, with the intent to revoke.

Circuit, County, and Corporation Courts have jurisdiction of the probate of wills. A contract to leave a legacy by will is valid.

CORPORATIONS.

I. ORGANIZATION:

The Legislature may grant charters for any purpose. The Circuit and Corporation Courts and judges thereof, in vacation, may grant charters to five or more persons, who desire to form a joint-stock company for the conduct of any enterprise or business which may be lawfully conducted by an individual or by a body politic or corporate, except to construct a turnpike to be constructed beyond the limits of the county, or a railroad, street railway or canal, or to establish a bank of circulation. Application for incorporation to a court must be signed by five or more persons, and acknowledged by them before a justice, notary, judge or clerk of said court, and must set forth: 1. The name of the company. 2. Purpose for which it is formed. 3. Capital stock and its division into shares. 4. Amount of real estate proposed to be held. 5. The place at which principal office is to be kept. 6. The chief business to be transacted. 7. The names and residences of the officers who for the first year are to manage the affairs of the company.

This certificate must be presented to the Circuit or Corporation Court of the county or city in which the principal office is to be, which may grant, amend or refuse the charter. If granted, the charter must first be recorded in the charter-book of the court, and then certified to the Secretary of the Commonwealth, who also records it. No company can organize until a copy of the charter is so lodged with the Secretary of the Commonwealth.

Charters granted by the Legislature are forfeited if the company does not organize in two years from passage of the charter, or if after organization it suspends its operation for two years. Charters of mining and manufacturing companies expire thirty years after date.

A tax or fee must be paid on every charter, whether granted by a Legislature, court or judge, before it is operative or effectual for any purpose whatever." The fee is graduated according to maximum capital stock. If no maximum is named in the charter, the fee is two hundred dollars. (See "VII. Fees.")

A company may adopt any by-laws which are not inconsistent with the charter or the general laws of the State.

Every company incorporated by this State or by another state, and doing business in it (except insurance companies incorporated by another state), must have an office in this State at which claims against it due residents can be audited, settled and paid.

II. MEETINGS AND ELECTIONS:

Annual meetings of stockholders are required. The time may be fixed by charter or by the stockholders in general meetings. Either the board of directors or stockholders owning one-tenth of the capital stock may call a general meeting at any time by publication for thirty days in some newspaper published in or near the place where meeting is to be held.

President and directors are elected by stockholders, except so far as named in the charter, or to fill a vacancy, which last the directors may do. They can receive no compensation, unless allowed by the stockholders.

III. BOOKS AND RECORDS:

The board of directors is required to have regular books of accounts kept and balanced annually or semi-annually and to make annual reports to the stockholders of the receipts disbursements and condition of the company.

IV. STOCKS AND DIVIDENDS:

Two dollars per share shall be paid on all stock at time of subscription, and the residue as required by the president and directors.

The persons in whose names the shares stand on the books of the company are deemed the owners, as regards the company. Dividends shall be applied to any indebtedness of a stockholder to the company. Stock is not assignable without the company's consent until all assessments have been paid. When assigned, assignor and assignee are both liable for past and future assessments. Stockholders are not liable to the creditors of a company for more than the amount of their subscriptions.

Directors are required to declare semi-annually dividends of so much of the net profits as they deem it prudent to do. They are personally liable to the company's creditors if they declare a dividend of any part of the capital stock.

V. FOREIGN CORPORATIONS:

Every company incorporated by another state is required to record in the county where its office is, and also to have transmitted to the Secretary of the Commonwealth its charter and a power of attorney appointing some person residing in such county an agent on whom all lawful process against such company may be served.

All mining and manufacturing companies chartered elsewhere can do business in this State and acquire, lease, sell, mortgage, and convey real estate or interests therein and personal property suitable for their business; except they cannot at one time hold more than ten thousand acres of land in any one county. Such companies must pay the fees required of companies chartered in the State before they can do business here.

DIGEST OF THE

Commercial, Corporation and Mining Laws
OF WASHINGTON

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by HEADLEE & ALLEN, Attorneys-at-Law, Atten Block, Snohomish, Washington.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Acknowledgments of deeds, mortgages, and other written instruments may be taken in this State before a judge of the Supreme or Superior Court, a clerk of either of said courts or his deputy, a justice of the peace, a county auditor or his deputy, or a notary public. Outside of this State, deeds to property situated within this State may be acknowledged before any officer authorized to take acknowledgments of deeds by the laws of the state or territory of the United States wherein the acknowledgment is taken, or before any commissioner appointed by the Governor of this State for that purpose.

Acknowledgments of deeds to property in Washington made without the territorial limits of the United States are legal if made before any minister plenipotentiary, secretary of legation, charge d'affaires, consul general, consul, vice consul, or commercial agent of the United States, or before the proper officer of any court of said country, or before the mayor or other chief magistrate of any city, town, or other municipal corporation therein.

It is not necessary for a wife to be examined separately

and apart from her husband by the certifying officer before making the certificate, except in case of mortgage of homestead.

Deeds by Indians must be acknowledged before a judge of a court of record, who shall certify that he explained to the grantor the contents of said deed and the effect of signing the instrument, and the judge shall examine and approve the deed or other instrument.

II. ALIENS:

The ownership of lands by aliens other than those who in good faith have declared their intention to become citizens of the United States is prohibited, except where acquired by inheritance, under mortgage, or in good faith in the ordinary course of justice in the collection of debts. Conveyances made to aliens or in trust for aliens made subsequent to the admission of the State are void. This prohibition does not apply to land containing valuable deposits of minerals, metals, iron, coal, or fire clay, and the necessary land for mills and machinery to be used in the development thereof, and the manufacture of the products therefrom.

Every corporation, the majority of the capital stock of which is owned by aliens, shall be considered an alien.

Indians who now hold, or may hold, any of the lands of any reservation in severalty, located in this State, by virtue of treaty have power to lease, incumber, grant, and alienate in same manner and with like effect as any other person.

III. ASSIGNMENTS:

"No general assignment of property by an insolvent, or in contemplation of insolvency, for the benefit of creditors, shall be valid unless it be made for the benefit of all his creditors in proportion to the amount of their respective claims; and after the payment of the costs and disbursements thereof, including the attorneys' fees allowed by law in case of judgment, out of the estate of the insolvent, such claim or claims shall be deemed as presented and shall share pro rata with other claims as hereinafter provided."—Sec. 2741, 2, Hill's Code, as amended, 1893.

In case of an assignment for the benefit of all creditors, assent of creditors is presumed. The assignment shall be in writing, duly acknowledged as are deeds of real estate, and recorded in the record of deeds of the county where the person making assignment resides, or the business in respect to which the same is made is carried on. Assignee may be selected by creditors at a meeting held for that purpose, or, in default of such, be appointed by a Superior Court judge.

The assignee shall give a bond to the State of Washington in double the amount of the inventory and valuation, with two or more sufficient sureties to be approved by the clerk, for the faithful performance of his trust, and shall file said bond, with a true inventory and valuation of said estate, with the clerk.

No creditor shall be entitled to vote at an election of assignee until he shall have presented to the clerk who shall preside at such meeting a verified statement of his claim against the debtor.

The assignee shall at once give notice by publication in a newspaper of the said county for six weeks, and shall send a notice by mail to each creditor of whom he shall be informed, directing such creditors to present their claims, under oath, within three months thereafter.

At the expiration of three months from the first publication of said notice, the assignee shall file with the clerk a true and full list of all such creditors of the assignor as shall have claims to be such. Any person interested may appear within three months after the filing of such report, and file with the clerk any exceptions to the claim or demand of any creditor, and the clerk shall forthwith notify such creditor. At the next term thereafter the court shall hear the proof and allegations of the parties in the premises and render judgment therein.

The court may from time to time order dividends made of the assets in the assignee's hands, and said assignee shall at all times be subject to the order of the judge.

Creditors may claim debts to become due as well as those due, but on those not due a reasonable abatement shall be made when not drawing interest, and all creditors who shall not exhibit their claims within the term of three months from the publication of notice as aforesaid, shall not participate in the dividends until after the payment in full of all claims presented within said term and allowed by the court.

IV. ATTACHMENTS:

The plaintiff may attach the real or personal property of all or any of the defendants, and it is the duty of the clerk of the court to issue a writ of attachment at the time of commencing an action or afterward, upon filing with the county clerk the affidavit of the plaintiff or some one in his behalf, showing that the said defendant or defendants are indebted to the plaintiff (specifying the amount over and above all just credits and offsets), and that the attachment is not sought and the action is not prosecuted to hinder, delay or defraud any creditor of the defendant, and either (1) that the defendant is a foreign corporation; (2) that the defendant is not a resident of this State; (3) that the defendant conceals himself so that the ordinary process of law cannot be served upon him; (4) that the defendant has absconded or absented himself from his usual place of abode in this State so that the ordinary process of law cannot be served upon him; (5) that the defendant has removed or is about to remove any of his property from this State, with intent to delay or defraud his creditors; (6) that the defendant has assigned, secreted or disposed of, or is about to assign, secrete or dispose of, any of his property, with intent to delay or defraud his creditors; (7) that the defendant is about to convert his property, or a part thereof, into money, for the purpose of placing it beyond the reach of his creditors; (8) that the defendant has been guilty of a fraud in contracting the debt or incurring the obligation for which the action is brought; or (9) that the damages for which the action is brought are for injuries arising from the commission of some felony, or for the seduction of some female.

An action may be commenced and an attachment issued upon a debt not due when the affidavit states that nothing but time is wanting to fix an absolute indebtedness and in addition thereto: (1) that the defendant is about to dispose of his property with intent to defraud his creditors; (2) that the defendant is about to remove from the State, and refuses to make any arrangements for securing the payment of the debt when it falls due, and which contemplated removal was not known to the plaintiff at the time the debt was contracted; (3) that the defendant has disposed of his property, in whole or in part, with intent to defraud his creditors; or (4) that the debt was incurred for property obtained under false pretenses.

No attachment shall be issued until the plaintiff or some one in his behalf shall file with the clerk a bond in a sum not less than three hundred dollars in the Superior Court, or of fifty dollars in the Justice Court, in addition to double the amount for which plaintiff demands judgment, conditioned that plaintiff will prosecute his action without delay and pay all costs and damages sustained by reason of the attachment, not exceeding the amount specified in the bond, should the same be wrongfully sued out.

V. CLAIMS AGAINST ESTATES:

It is the duty of the executor or administrator, as soon as appointed and qualified, to publish a notice to the creditors to present their verified claims against the estate. Claims must be presented within one year from the date of the first publication of notice or they will be barred. If a claim is rejected by the executor, administrator or court, suit must be brought on the same within three months thereafter, or the same is barred by statute.

Debts are paid in the following order: 1. Funeral expenses. 2. Expenses of last sickness. 3. Debts having preference by the laws of the United States. 4. Taxes or any dues to the State. 5. Judgments rendered against the deceased in his lifetime on which executions might have issued at the time of his death; and mortgages in the order of their date. 6. All other demands against the estate.

VI. COURTS:

The Supreme Court is always open for the transaction of business, except on non-judicial days. Holds regular sessions at the seat of government for hearing causes, commencing on the second Mondays of January, May and October of each year, and special sessions at such other times as the justices thereof may prescribe. The jurisdiction of the Supreme Court is original in habeas corpus, quo warranto and mandamus as to all State offices; and it has appellate jurisdiction in all actions and proceedings, except in civil actions at law for the recovery of money or personal property, when the original amount in controversy does not exceed two hundred dollars, unless the action involves the legality of a tax, impost, assessment, toll, municipal fine or the validity of a statute; and has also jurisdiction to issue writs of mandamus, review, prohibition, habeas corpus, certiorari, and all other writs necessary and proper to the complete exercise of its appellate and revisory jurisdiction. Each of the judges has power to issue writs of habeas corpus to any part of the State upon petition, and may make such writ returnable before himself or before the Supreme Court, or any Superior Court of the State, or any judge thereof.

Superior Courts are courts of record and have original jurisdiction in all cases of equity, and in all cases at law which involve the title or possession of real property, the legality of any tax, impost, assessment, toll or municipal fine; all other cases in which the demand or value of the property in controversy amounts to one hundred dollars; all criminal cases amounting to a felony; and all cases of misdemeanor not otherwise provided for by law; of actions of forcible entry and detainer; proceedings in insolvency; actions to prevent or abate a nuisance; all matters of probate, divorce and for annulment of marriage, and of all cases and proceedings which are not by law vested in some other court. Have appellate jurisdiction from the inferior courts of their respective counties. Su-

perior Courts are always open except on non-judicial days, holding their sessions at the county seats of the respective counties, at such times as may be prescribed by the judge or judges thereof. A judge of the Superior Court may hold court in any county of the State at the request of the judge of said court for such county, and upon the request of the Governor, it shall be his duty to do so.

Courts of Justices of the Peace are not courts of record; their jurisdiction extends to all civil actions at law for the recovery of money or personal property where the amount in controversy is less than one hundred dollars, except the following: In which the title to real property is brought in question; an action for the foreclosure of a mortgage or enforcement of a lien on real estate; actions for false imprisonment, libel, slander, malicious prosecution, criminal conversation, or seduction; actions against executor or administrator as such. Nor does it extend to any equitable proceedings. The jurisdiction of the justice is co-extensive with the limits of his county, but he must keep his office in the precinct for which elected. Justices' Courts have limited criminal jurisdiction.

Municipal Courts exist in all incorporated cities in the State having a population of twenty thousand and over, of which the jurisdiction is entirely criminal.

VII. FEES:

Acknowledgment before notary public, justice or clerk of court, two persons	$ .80
Each additional person	.25
Attachment: clerk, for issue	1.00
Levy: mileage, 10 cents per mile, and	.60
Appeal: no fee for appeal from Superior Court, but for making up record, per folio	.10
Commencement of suit in Justice Court:	
Issuing notice	.50
File of complaint	.10
Each subpoena	.25
Writ attachment	1.00
Each paper filed	.10
Commencement of suit in court of record, to clerk.... In addition, sheriff's fees for service, and mileage.	4.00
Incorporation	5.00
Probate: specific charges:	
Issuing letters of administration	1.00
Entering notice of petition for same	.25
Citation or other original writ	.50
Entering probate, recording papers naming any account, and copies, per folio	.15
Filing any paper	.10
Protest	1.00
Record:	
Filing	.10
Recording, per folio	.15
Indexing, each name more than two	.05
Copies, per folio	.10
Certificate of same, and seal	.50
Affidavit	.25
Issuing license	.75
Recording plats; 5 cents per lot, and acknowledgment	1.00
Sheriff:	
Making deed	3.00
Posting notice, mileage each way 10 cents per mile, and	.25
Service of writ: 60 cents to	2.00
Percentage on moneys paid to sheriff on execution or order of sale: under $1,000, 2 per cent; over $1,000, 1 per cent.	
Transcription: per folio 100 words	.10
Witness: mileage each way, 10 cents per mile, and per day	2.00

VIII. DEEDS:

All conveyances of real estate, or any interest therein, and all contracts creating or evidencing any encumbrance upon real estate, shall be by deed.

All deeds of gift, all conveyances, transfers or assignments, verbal or written, of goods, chattels, or things in action, made in trust or for the use of the person making the same shall be void as against existing or subsequent creditors of such person. No contract for the sale of any goods, wares or merchandise, for the price of fifty dollars or more shall be good and valid unless the purchaser shall accept and receive a part of the goods so sold, or shall give something in earnest to bind the bargain, or in part payment, or unless some note or memorandum in writing of the bargain be made and signed by the party to be charged thereby, or by some person thereunto by him lawfully authorized. No bill of sale for the transfer of personal property shall be valid where the property is left in the possession of vendor, unless the said bill of sale be recorded in the auditor's office of the county in which the property is situated within ten days after such sale shall be made. (See "XVIII. Married Women.")

A deed shall be in writing, signed by the party bound thereby, and acknowledged by the party making it, before some person authorized by the laws of this State to take acknowledgments of deeds. Seals to signatures, and witnesses are not necessary. All deeds and mortgages shall be recorded in the office of the county auditor of the county in which the property is situated and shall be valid as against all purchasers from the date of filing and indexing in said office, and when so filed and indexed shall be notice to all the world.

IX. DEPOSITIONS:

Depositions may be taken, to be read in an action or proceeding pending in any court in this State in the following cases: 1. When the witness resides out of the county and more than twenty miles from the place of trial. 2. When the witness is about to leave the county and go more than twenty miles from the place of trial and there is a probability that he will continue absent when the testimony is required. 3. When the witness is sick, infirm or aged, so as to make it probable that he will not be able to attend at the trial. 4. When the witness resides out of the State.

Either party may commence taking depositions at any time after service of summons on defendant. Depositions may be taken in this State before any judge of the Superior Court, justice of the peace, clerk of the Supreme or Superior Court, mayor of a city, or notary public by serving on the adverse party or his attorney notice of the time and place of taking the same.

Depositions without the State: Depositions may be taken out of the State by a judge, justice, chancellor or clerk of any court of record, a justice of the peace, notary public, mayor or chief magistrate of any city or town, or any person authorized by a special commission from any court of this State. Any Superior Court of this State may grant a commission to take depositions within or out of this State, upon a proper application made therefor by the party desiring same, made upon notice to the adverse party. Such deposition shall be taken upon interrogatories settled by the judge at the time of granting the commission and the interrogatories shall be attached to the commission, which shall be forwarded by the clerk to the commissioner.

Depositions may be used by either party upon the trial or other proceeding against any party having or receiving the notice, subject to legal exceptions. If it appear at the trial that the reason no longer exists for the taking of said deposition, it shall not be read in evidence, unless another cause exists.

X. DESCENT:

Subject to debts as follows: Equally to surviving husband or wife, and child, or issue of such child; if more than one child living, or one child living and the lawful issue of one or more deceased children, one-third to surviving husband or wife, and the remainder in equal shares to children to lawful issue of any deceased child by right of representation; if there be no child of the decedent living at his death, the remainder goes to all lineal descendants equally, if all such are in the same degree of kindred to the decedent; otherwise by representation.

If decedent leaves no issue, the estate goes equally to the surviving husband or wife, and to decedent's father and mother if both survive; but if such are dead then one-half equally to the brothers and sisters of decedent, and the children of such, by right of representation. If decedent leaves no issue, nor husband nor wife, the estate must go to his father and mother.

If there be no issue, neither husband, wife, father, nor mother, equally to the brothers and sisters of the decedent, and to the children of such deceased, by representation. If the decedent leaves a surviving husband or wife, and neither issue, nor paternal or fraternal kin, the whole estate goes to the surviving husband or wife. The estate goes to the next of kin, through the nearest ancestor in equal degree, when there is no issue, husband, wife, father, mother, brother or sister.

If no kindred, the estate escheats. One-half of the community property, upon the death of either husband or wife, goes to the survivor subject to community debts, the other half is subject to the testamentary disposition and descent.

Personal property, after payment of the debts of the deceased is distributed upon the death of a husband or wife, one-half to the surviving spouse and the balance to the issue; if there be no issue, then the whole of it to the surviving spouse. If no surviving spouse or kindred, the property escheats to the State.

XI. EXECUTIONS:

The party in whose favor judgment has been given or entered in this State in any court of record thereof may have execution issued for collection or enforcement of same; providing, that if a period of five years shall have elapsed without an execution being issued on such judgment, then execution shall not issue thereafter until such judgment shall be renewed.

Execution may issue: 1. Against the property of judgment debtor. 2. Against his person. 3. For the delivery of the possession of real or personal property with or without damages for withholding same. 4. Commanding the enforcement or obedience to any special order of court. In all cases there shall be an order to collect costs.

Execution may be issued for the collection or enforcement of judgment and directed to the sheriff of any county in the State, provided that if the judgment re-

quires the delivery of real or personal property, execution shall be issued to the sheriff of the county in which the property is situated.

Execution may issue in the name of the assignee of any judgment upon such assignment being recorded in the execution docket of the court in which said judgment was rendered.

XII. EXEMPTIONS:

The following property is exempt: All wearing apparel of every person and family; all private libraries not to exceed five hundred dollars in value, and all family pictures and keepsakes. To each householder one bed and bedding, and additional bed and bedding for each additional member of the family, and other household goods, utensils and furniture not to exceed five hundred dollars in value. To each householder, two cows with their calves, five swine, two stands of bees, thirty-six domestic fowls; and provision and fuel for the comfortable maintenance of such householder and family for six months; also feed for such animals for six months. If the householder does not possess or desire to retain the animals above named he may select and retain other property instead to the value of two hundred and fifty dollars. To a farmer is allowed one span of horses or mules with harness, or two yoke of oxen with their yokes and chains, and one wagon; farming utensils to the value of five hundred dollars, one hundred and fifty bushels of wheat, one hundred and fifty bushels of oats or barley, fifty bushels of potatoes, ten bushels of corn, ten bushels of peas, and ten bushels of onions for seeding purposes. To a mechanic, the tools and instruments used to carry on his trade for the support of himself and family; also material used in his trade, not exceeding in value five hundred dollars. To a physician, his library, not exceeding five hundred dollars, one horse, with harness and buggy; the instruments used in his practice, and medicines, not exceeding two hundred dollars in value.

To attorneys, clergymen and other professional men, their libraries not exceeding one thousand dollars in value; also office furniture, fuel and stationery not exceeding two hundred dollars in value. All firearms kept for the use of any person or family, to any person a canoe, skiff, small boat, with its oars, sails and rigging, not exceeding two hundred and fifty dollars in value. To a person engaged in lightering for the support of himself or family, lighters, barges, scows, small boats, etc., not exceeding two hundred and fifty dollars in value. To a teamster or drayman, his team, consisting of one span of horses or mules, or two yoke of oxen, or a horse and mule, with harness, yokes and one wagon, truck, cart or dray. To a person engaged in logging for the support of himself or family, three yokes of work cattle and their yokes, and axes, chains and implements for business, and camp equipments, not exceeding three hundred dollars in value. A sufficient quantity of hay, grain or feed to keep the animals mentioned in these several subdivisions for six weeks.

No property shall be exempt from execution on a judgment for the purchase price therof or for any tax levied thereon.

Any money received by any citizen of this State as a pension from the government of the United States, whether the same be in the actual possession of such person or deposited in a bank or loaned by him, shall be exempt from any execution or legal process whatever.

Exemptions may be waived by agreement in writing. Agreement of waiver by a husband and wife shall be witnessed and acknowledged as a deed conveying real estate. Exemptions do not extend to non-residents or persons about to leave the State with intent to defraud creditors.

All real and personal estate belonging to any married woman in her own right acquired before or after marriage, and all the rents, issues and profits thereof, and all her personal earnings shall be exempt from execution upon any liability or judgment against the husband so long as she or any minor heir of her body shall be living.

XIII. HOMESTEAD:

There is exempt from execution and attachment to every householder being the head of a family, a homestead not to exceed two thousand dollars in value, which said homestead must be selected by filing a declaration of homestead duly executed and acknowledged the same as deeds to real property, with the auditor of the county in which said homestead is situated. If the claimant is married, the homestead may be selected from the community property or the separate property of the husband, or with the consent of the wife, shown by her making the selection, from the separate property of the wife; provided, the homestead shall be subject to execution or forced sale on debts secured by mechanics', laborers' or vendors' liens, or by mortgages on the premises executed and acknowledged by the husband and wife, or by an unmarried claimant.

When any person dies seized of a homestead, leaving a widow or husband or minor children, the survivors shall be entitled to the homestead, but in case there is no survivor, said homestead is liable to the debts of deceased. The homestead may be mortgaged, but no mortgage shall be valid as against the wife of the mortgagor, unless she shall sign and acknowledge the same. The homestead may consist of a house and the land on which the same is situated, but must be selected as provided by law.

XIV. INTEREST AND USURY:

Every loan or forbearance of money or goods or things in action where no different rate is agreed upon shall bear interest at seven per cent. The discounting of commercial paper, where the borrower makes himself liable as maker, guarantor or indorser, shall be considered a loan. Any rate not exceeding twelve per cent per annum agreed to in writing is legal, and taking any greater, either directly or indirectly, is prohibited. State, county, city, town and school warrants and all warrants or other evidences of indebtedness payable from any public funds shall bear interest at a rate not greater than eight per centum per annum, unless a rate be specified therein. Judgments founded on a written contract providing for payment of interest at a specified rate until paid, shall bear the rate specified in the contract, provided that said interest rate is set forth in the judgment. All other judgments bear interest at the rate of seven per cent. In case a greater rate of interest than twelve per cent per annum is contracted for or reserved either directly or indirectly, and the same is proven on suit on the contract, only the principal less the interest accruing thereon can be recovered; and if the interest has been paid, then the original amount less the accrued interest and twice the amount of interest paid. The acts of the agent bind the principal and if one agent act for borrower and lender he shall be considered the agent of the lender. (Act approved March 20, 1895.)

XV. JUDGMENTS:

Judgments of the Superior Court, Supreme Court, Justice Court and of the District and Circuit Courts of the United States rendered in this State are liens on the real estate of the judgment debtor, or that which he may acquire, as follows: Of the Superior Court of the county in which the property is situated, from the date of its entry; in all other cases from the date of filing and indexing a transcript thereof with the county clerk of the county in which such real estate is situated. The lien continues for the period of five years from the date of rendition of judgment; after five years and within six years from date of rendition a judgment may be revived, which revival continues or renews its lien from the date of its revival for another period of five years, when it may be again revived.

XVI. LIENS:

Every person performing labor upon or furnishing material to be used in the construction, alteration or repair of any mining claim, building, wharf, bridge, ditch, dyke, flume, tunnel, fence, machinery, railroad, street railway, wagon road, aqueduct to create hydraulic power, or any other structure; or who performs labor in any mine, mining claim, or stone quarry; has a lien upon the same for the labor performed or materials furnished, whether performed or furnished at the instance of the owner of the property subject to the lien or his agent; and every contractor, sub-contractor, architect, builder or person having charge of the construction, alteration or repair of any such property subject to lien shall be deemed the agent of the owner. A railroad company when contracting with any person for the construction of a road shall take a bond from the contractor for the payment of labor and material men, and persons who supply such persons to whom work is given with provisions, or such railroad company, shall be liable to such persons to the full amount of all such debts contracted.

The land upon which the property subject to lien is situated, together with a convenient space about the same, is subject to such lien. Such lien is required to be filed with the county auditor of the county in which said property is situated, duly verified, within sixty days from time of ceasing to do such work or furnishing such materials, and action to foreclose the same must be commenced in the Superior Court of said county within eight months from date of filing claim of lien.

Loggers' Liens: Liens are allowed every person performing labor upon or assisting in securing all kinds of logs, timber, etc., and also to all persons who shall assist in manufacturing timber into lumber and shingles while such lumber and shingles remain at the mill where manufactured or under the control of the manufacturer. Lumber includes every class of articles manufactured from timber.

Liens are also granted to any person permitting another to go upon his timber lands and cut therefrom timber, to the extent and for the price agreed upon to be paid for such privilege, or if no agreement, for what it would be reasonably worth.

Loggers' liens must be filed within thirty days from the cessation of labor with the auditor of the county in which said logs, lumber, etc., were cut or manufactured, and must be foreclosed by civil action in the Superior

Court, commenced within eight months after filing the claim.

XVII. LIMITATIONS:

All actions by municipal corporations to collect any special assessment for local improvements of any kind shall be commenced within ten years after the assessment becomes delinquent, or within ten years after the last installment shall have become delinquent, if payable in installments.

All actions brought for the recovery of the possession of lands must be brought within seven years from the time adverse possession begins; infants and persons under disability have three years from the time of the removal of disability. Actions in the following cases must be commenced within three years from the time the action accrues: For waste or trespass on real property; for taking, detaining or injuring personal property or for the injury of the person or rights of another not hereinafter enumerated; on contracts not in writing or a liability not arising out of a written instrument; for fraud, time to run from the discovery of the facts constituting the fraud; against a sheriff, coroner or constable for misfeasance or malfeasance in office, except escape; upon a statute for a penalty or forfeiture, where an action is given to the party aggrieved; and for seduction and breach of promise of marriage.

Within two years: Actions for libel, slander, assault, assault and battery, false imprisonment; or upon a statute for a forfeiture or penalty to the State.

Within one year: Actions against a sheriff or other officer for the escape of a prisoner arrested or imprisoned on civil process; by heirs, legatees, creditors, or other parties interested against an executor or administrator for misfeasance, malfeasance, or mismanagement, the year to run from date of final settlement.

Within three months: Appeals from any order of a board of county commissioners or a claim rejected by such board; upon claims against an estate, rejected by an executor or administrator, within three months after rejection.

In case of mutual open or current account the cause of action accrues at time of last item on either side. If there be more than one year between any series of items or demands, the said items shall not be deemed such an account.

The statute applies to the State, county or other public corporation. In case of the concealment of a debtor, or his absence from the State the statute ceases to run during the period of such absence or concealment. If a disability of the debtor occur, as insanity, etc., the period of such disability shall not be counted as part of the time limited.

If a cause of action survive the death of a party, his personal representatives may commence action within one year from the date of his death. If the cause of action against a party dying survive, action may be commenced within one year after issuing letters testamentary or of administration. No promise is sufficient to waive the statute unless it is in writing. Payment of any part of the principal or interest starts the statute anew.

XVIII. MARRIED WOMEN:

Have all property rights common to married men. Dower and curtesy are abolished. Husband and wife may contract with each other and either may sue the other to obtain the possession or control of property belonging to such person bringing the action, but cannot sue each other on contract. The husband has the management and control of the community property with power of disposition, but cannot encumber or convey community real estate except by deed in which the wife joins. However, a conveyance of community property by the husband alone is not void unless the other party to the contract had notice or knowledge of the community character of the property. The husband or wife has ninety days after any conveyance is made to the other of any property to file with the auditor of the county in which such lands are situated written notice of his or her claim thereto as community property.

All property owned before marriage or afterward acquired by gift, bequest, devise or descent, with the rents, issues and profits thereof, is the separate property of such person. All acquired otherwise is community property, except the earnings and accumulations of the wife and of the minor children living with her or in her custody while she is living separate from her husband, which are her separate property. Where a debt is incurred for support of the family or education of the children it is chargeable upon the separate property of either or the community property; but a judgment on an obligation not incurred in the course of business carried on for the benefit of the community cannot be enforced against the community property or against the property of the spouse not interested. Either party may convey land or interest therein to the other and either may constitute the other his or her attorney in fact to convey lands. (See "XII. Exemptions," "XXII. Suits.")

XIX. MORTGAGES.

Mortgages of real estate must be by deed. The mortgage is deemed a security, not a conveyance. Mortgage contract can only be enforced by foreclosure and sale. The wife must join in the execution of mortgage on community property or homestead. When there is no express agreement in the mortgage or other instrument for the payment of the mortgage debt, the remedy of the mortgagee is confined to the mortgaged premises; but where there is an express agreement for the payment of the mortgage debt and the property does not fully satisfy such debt on foreclosure sale, the mortgagee may have a deficiency judgment which may be satisfied out of any other property of the mortgagor not exempt from execution.

The mortgagor or his successor in interest may redeem the property from sale at any time within one year thereafter by paying the purchase price with interest thereon from date of sale, together with any taxes which may have been paid by the purchaser since said sale.

A chattel mortgage must be in writing, signed and acknowledged by the mortgagor, who must also attach his affidavit that said mortgage is not made to hinder, delay or defraud creditors. Chattel mortgages to affect third parties must be filed with the county auditor of the county in which the property mortgaged is situated at the time of mortgage. If the property is thereafter removed from the county in which it is situated, it is, except as between the parties thereto, exempted from the operation thereof, unless: 1. The mortgagee within thirty days after such removal causes the mortgage to be recorded in the county to which the property has been removed. 2. The mortgagee causes within such time the mortgage to be recorded in the custom house. 3. The mortgagee within such time takes possession of the property; provided, that a mortgage of any vessel or boat, or part of a vessel or boat, over twenty tons burden, shall be recorded in the office of the collector of customs, where such vessel is registered, enrolled, or licensed, and need not be recorded elsewhere.

XX. NOTES AND BILLS:

Promissory notes when made payable to order or bearer, shall have the same effect and be negotiable in like manner as inland bills of exchange and both shall be subject to the law. Payees, indorsees and holders of notes payable to bearer may maintain actions against the makers and indorsers respectively and in like manner as in cases of inland bills of exchange. When there is no express stipulation to the contrary, three days of grace are allowed. Acceptances of bills of exchange must be in writing and signed by acceptor or his agent. For all purposes the Fourth of July and the Twenty-fifth of December shall, as regards presentment for payment or acceptance, protesting and giving notice of the dishonor, be treated as Sunday. An unconditional promise in writing to accept a bill before it is drawn shall be deemed an actual acceptance. A bill or note may be protested for non-acceptance or non-payment. Damages may be recovered for refusal to accept a bill after a promise to accept has been made and such bill has been drawn or negotiated on the faith of such promise. The measure of damages to be allowed or paid upon the usual protest for non-payment of bills of exchange drawn or indorsed in this State, if payable without the limits of the United States, shall be ten per cent upon the contents thereof; if without the limits of this State and within the limits of some state or territory of the United States, five per cent. Such damages shall be in lieu of interest, charges of protest and all other charges incurred previous to and at the time of giving notice of protest for non-payment.

XXI. OIL AND SALT WELLS, ETC.:.

Whenever twenty-six taxpayers (each paying taxes on at least one thousand five hundred dollars) shall petition the county commissioner for an appropriation of a specific sum for boring for minerals, such as coal, oil, gas, salt, etc., the commissioner shall make an estimate of the probable depth, cost, etc., and shall call a general election to vote for or against. The notice of election shall state fully the amount to be raised, proposed purpose, and locality where to be used, etc., and no money shall be spent on land not owned by the county or held by the county on lease of not less than twenty years. The tract of land used must be nearly square and contain not less than ten acres, and the well bored or drilled near the center. If there are at one time petitioners for more than one well, the commissioners shall select the site. No one shall vote who did not pay taxes in the county during the preceding year. The ballot shall read "tax, yes;" or "tax, no." In making estimate of the cost, etc., the commissioner may add fifteen per cent for delinquency and expense of collecting. The tax is collectible same as school tax and payable on order of a majority of the commissioners. The commissioners shall advertise in the newspaper in said county having the largest circulation for four consecutive weeks for bids for boring or drilling said well; if there be no newspaper in the county, then in the nearest one. When the bids are opened, if it appears to a majority of the commissioners that any of them are reasonable, they shall let the contract to the lowest bidder; shall require from the con-

tractor a good and sufficient bond; and within one year after the well is completed the county commissioners may, after advertising the same, proceed to sell the title to the well, etc., the proceeds to go to the general county fund. The commissioners may draw on the general county fund to make up deficit not to exceed one thousand dollars. Election expenses shall be paid out of the general fund. No election for this purpose shall be held in any county oftener than once in two years.

XXII. SUITS:

Every action shall be prosecuted in the name of the real party in interest, except as otherwise provided by law. An executor, administrator, guardian of a minor or of a person of unsound mind, a trustee of an express trust or a person authorized by statute, may sue without joining the person for whose benefit the suit is prosecuted.

When a married women is a party her husband must be joined with her except when the action concerns her separate property, or her right or claim to the homestead property. She may sue alone, and when the action is between herself and husband, she may sue or be sued alone; also, when she is living separate and apart from her husband, she may sue or be sued alone.

All persons interested in the cause of action necessary to a complete determination of the question involved must be made parties to the action. When the question is one in which many are interested one or more may represent the whole and sue or defend for the benefit of all. The assignee or assignees of any judgment, specialty or other chose in action for the payment of money by assignment in writing, signed by the person authorized to make the same, may bring suit and prosecute in his or her own name, notwithstanding the assignor may have an interest in the thing assigned.

Persons severally liable upon the same obligation, including parties to bills of exchange or promissory notes, may all or any of them be included in the same action at the option of plaintiff. Action for personal injury survives to wife or child and may be prosecuted in favor of such wife or in favor of wife and children; or if no wife, in favor of children. The court may order in any new parties when necessary to complete determination of question involved. (See "XII. Exemptions;" "XVII. Limitations.")

XXIII. TAXES:

All personal property is listed annually; real property biennially. Land shall be listed according to the smallest legal subdivision, separately.

All property is subject to taxation except the following: Property belonging to the State or public school system or State educational institutions, cemeteries, churches built and supported by donations, whose seats are free to all and whose grounds do not exceed one hundred and twenty feet by two hundred feet in size; all property belonging exclusively to any county, municipal corporation, the State or to the United States; all fire engines and other implements used for the extinguishment of fires, with the buildings used exclusively for the safe keeping thereof and for the meeting of fire companies, whether belonging to any town or any fire company organized therein; all free public libraries, orphanages, orphan asylums, institutions for the reformation of fallen women, homes for the aged and infirm, and hospitals for the care of the sick, when such institutions above mentioned are supported in whole or in part by charity, or are wholly supported by public appropriations, and all of the income thereof after paying the expenses thereof is devoted to charitable purposes; provided, however, all such institutions shall provide by its articles of incorporation, that the mayor of the city wherein such institution is located, and the chairman of the board of county commissioners shall be ex-officio trustees thereof; the personal property of each householder and head of a family liable to assessment and taxation, of which said individual is the owner, to three hundred dollars in value.

The county treasurer is the collector and receiver of taxes. All taxes shall be due and payable on or before May 31 of each year, after which they shall become delinquent and a penalty of two per cent shall attach, and interest at the rate of twelve per cent added until paid; provided, that if one-half of said taxes be paid on or before said May 31, then the time of payment of the remainder thereof shall be extended until November 30 following, when if that is not paid it shall become delinquent, and a like penalty and interest added from delinquency until paid.

After December 1 of each year, the county treasurer collects delinquent personal property taxes by distraint and sale of personal property belonging to those assessed.

Taxes and levies are declared a lien on the real estate upon which they are imposed, which liens include all charges and expenses incurred thereby, and are prior to all other liens.

XXIV. WILLS:

A person of sound mind, who has attained his or her age of majority, may make a will. The same must be in writing, signed by the testator or by some other person in his presence, and under his direction, and must be attested by two or more competent witnesses, subscribing their names in the presence of the testator. Every person who shall sign the testator's name to any will by his direction shall subscribe his own name as a witness to such will, and state that he subscribed the testator's name at his request. A witness to a will is not entitled to benefits under such will unless there are two other competent witnesses. No nuncupative will shall be good when the estate bequeathed exceeds the value of two hundred dollars, unless the same be proved by two witnesses who were present at the making thereof, and it be proven that the testator, at the time of pronouncing the same, did bid some person present to bear witness that such was his will, or to that effect, and such nuncupative will was made at the time of the last sickness and at the dwelling house of the deceased, or where he had been residing for the space of ten days or more, except where such person was taken sick from home and died before his return.

CORPORATIONS.

I. CONSTITUTIONAL PROVISIONS:

Corporations may be formed for manufacturing, mining, milling, wharfing and docking, mechanical, banking, mercantile, improvement and building purposes; for the building, equipping and running railroads; constructing canals or irrigation canals; for building, equipping and managing water flumes for the transportation of wood and lumber; or engaging in any other species of trade or business.

No such corporation shall commence business or institute proceedings to condemn land for corporate purposes until the whole amount of its capital stock is subscribed: Provided, such prohibition does not apply to corporations engaged exclusively in loaning money on real estate, nor to corporations engaged exclusively in raising money from, and loaning or repaying it to, their own members and which confine their loaning and business operations wholly to the counties of their principal place of business, respectively, and to the counties adjacent and adjoining thereto.

II. ORGANIZATION:

Two or more persons may form a corporation. They must make, subscribe and acknowledge written articles in triplicate, file one copy in the Secretary of State's office, one copy in the office of the county auditor of the county in which the principal place of business is located, and retain the third in the corporation's possession.

The articles of incorporation shall state the corporate name of the company; its object; amount of capital stock; time of its existence, not to exceed fifty years; number of shares of stock; number of trustees and the names of the trustees, who shall manage the affairs of the company for not more than six months nor less than two months next after incorporation; and the name of the city, town or locality and county in which the principal place of business shall be located. Amendments to the articles may be made by supplemental articles, made, executed and filed as are the original articles. A copy of the articles filed as aforesaid and certified by the officer with whom filed is evidence in any court.

III. REPORTS:

Corporations must on or before the second Tuesday of January of each year, and at such other times as such corporation may elect so to do, file with the county auditor of the county in which said corporation has its principal place of business, a statement sworn to by its president, attested by its secretary and sealed with its corporate seal, containing a list of all its officers and their respective titles of office, names and addresses, and the term of office for which chosen. Every new corporation shall file a like statement within thirty days after it shall have filed its articles of incorporation, with the county auditor of the county in which the principal place of business of said corporation is located.

When articles of incorporation are filed as aforesaid and stock subscribed as provided by law, a corporation has power to transact all business for which said corporation was formed.

IV. POWERS:

The powers enumerated are as follows: To sue and be sued. To make and use a common seal and to alter the same at pleasure. To purchase, hold, mortgage, sell and convey real and personal property. To appoint officers, agents and servants as the business shall require and define their powers, prescribe their duties and fix their compensation. To require of them such security as may be thought proper for the fulfillment of their duties, and to remove them at will, except that no trustee shall be removed from office unless by vote of two-thirds of the stockholders. To make by-laws not inconsistent with the laws of the United States or of this State. To manage its property, regulate its affairs,

transfer its stock and carry on all kinds of business within the objects and purposes of the company as expressed in its articles of incorporation.

V. TRUSTEES:

The corporate powers are exercised by a board of trustees of not less than two, who shall be stockholders; a majority of them citizens of the United States, and at least one of them a resident of the State. Trustees must take oath of office, and be annually elected after the term of the first trustees. All elections shall be by ballot and according to by-laws. Each share has a vote unless the by-laws limit each shareholder to one vote. Any vacancy except by expulsion may be filled by appointment by the trustees remaining.

VI. CAPITAL STOCK:

Capital stock may be increased or diminished, but before it is diminished debts must be reduced so as not to exceed the amount to which capital is reduced. To change the amount of capital stock, a meeting of stockholders must be called by a notice signed by a majority of the trustees, published eight weeks in a newspaper in the county, or if none is published in the county, then in the nearest paper published in the State. The notice must specify the object of the meeting, the time and place, and the amount to which it is proposed to change the capital stock. 1. A vote of two-thirds of the capital stock is necessary to change. If the amount is to be changed a certificate of the proceedings showing compliance with the statute shall be made; showing the amount of capital paid in, the amount of debts, and the amount to which the capital is changed. Certificates are to be signed and verified by the chairman and secretary of the meeting; further certified by a majority of the trustees, and filed as are original articles of incorporation.

By-laws may provide the time and manner of payment for stock; but in case they do not, the trustees have power to call in from stockholders the sums by them subscribed, at such times and in such manner, payments or installments as they may deem proper. Notice of such calls may be personal or by publication in a newspaper, either in the county, or nearest thereto in the State. If stockholders default in the payment of calls, sufficient of their shares to pay all their assessments may be sold, such sales to be made according to by-laws; but the sale shall not be made at the office of the company, but shall take place at public auction, and to the highest bidder, after four weeks' notice published as aforesaid. The highest bidder is he who will take the smallest number of shares and pay assessments and costs.

Stock held by an executor, administrator, guardian or trustee may be represented and voted upon by said executor, etc., as a stockholder. Stock may be pledged by delivery of the certificate, but the pledger may represent and vote upon said stock.

VII. LIABILITIES:

No dividends may be declared except from net profits. In case of an unlawful dividing or withdrawal of capital, trustees (except those who have their dissent entered in the minutes of the meeting) are personally liable for the amount so withdrawn or divided. Upon payment of all debts and dissolution, the capital is divided among the shareholders.

No corporation organized under the laws of this State shall have power to issue bills, notes or other evidence of indebtedness for circulation as money, except bonds by railroad companies, which bonds shall not exceed double the amount of paid-up stock.

Each stockholder is personally liable to the creditors of the company, to the amount unpaid on his stock subscription, but personal liability does not apply to persons holding stock as executor, administrator, guardian, trustee, or holding it as collateral security or in pledge, but estates or owners are liable as stockholders. Stockholders in banks incorporated under the laws of the State, are held individually and ratably and not one for the other, for all contracts, debts and engagements of such association, accruing while they remain such stockholders, to the extent of the amount of their stock therein at the par value thereof in addition to the amount invested in such shares.

The interest of any person in shares of stock or in a joint stock company may be garnished by service of writ of garnishment in the same manner as service of summons on such corporation or joint stock company, and such stock or interest may be sold on execution.

VIII. BOOKS AND RECORDS:

Books must be kept containing the names of stockholders, alphabetically arranged, showing number of shares held by each and when they became owners of the same; such books to be open to stockholders and creditors, who shall have the right to make extracts from the books, and may demand a certified copy of any part of the books and papers. Said certified copies are presumptive evidence of any fact therein stated against the company or any stockholder. Any false entry or refusal to comply with the foregoing provisions is a misdemeanor, and subjects such clerk or officer to a forfeiture of from one hundred to one thousand dollars, recoverable by process of law.

IX. DISSOLUTION:

Upon dissolution, the trustees at the time of dissolution shall be trustees of the creditors and stockholders, and shall have power to sue for and recover debts, property, etc., in the name of the trustees of such corporation, and to settle and adjust all business of the corporation.

Corporations may be dissolved by presenting a petition to the Superior Court of the county in which the principal place of business is located, accompanied with a certificate of the proper officers, stating that at a meeting called for that purpose it was decided by a two-thirds' vote to dissolve. Notice of the application, setting forth its nature and specifying the time and place at which it is to be heard, shall be given by the clerk of the court by publication in some newspaper of the county, or nearest thereto in the State, once a week for eight weeks.

X. FOREIGN CORPORATIONS:

Foreign corporations (except those organized to do real estate business and those having a majority of their capital stock owned by aliens) may do business in the State by complying with the following provisions, to wit: 1. Filing and recording in the Secretary of State's office a certified copy of the charter and articles of incorporation. 2. Appointing an agent residing in this State at the place where the principal place of business of such corporation is to be. Such appointment shall be in writing, signed by the president or chief officer of such corporation, and shall authorize such agent to accept service of process in all suits, etc.

A foreign corporation organized to do a building and loan business must file with the State Auditor of this State a certified copy of its articles of incorporation or charter; also the certificate of the authorized officer of another state, showing that securities of the value of one hundred thousand dollars are on deposit with such state officer or a duly incorporated trust company, in trust for all the members and creditors of such building and loan association; and also file with the said auditor an authenticated copy of a resolution adopted by the board of directors of such association stipulating that any legal process may be served on the association by service on the examiner and mailing a copy of the process to the said association addressed to its home office; and that said association will not remove any action commenced in a State court to the Federal Court, and will pay every judgment entered against it within sixty days from date of final judgment.

XI. MINING CORPORATIONS:

In incorporations already formed, or which may hereafter be formed under this chapter, where the amount of the capital stock of such corporation consists of the aggregate valuation of the whole number of feet, shares or interest in any mining claim in this State, for the working and development of which such corporation shall be or have been formed, no actual subscription to the capital stock of such corporation shall be necessary; but each owner in said mining claim shall be deemed to have subscribed such an amount to the capital stock of such corporation as under its by-laws will represent the value of so much of his interest in said mining claim, the legal title to which he may by deed, deed of trust or other instrument vest or have vested in such corporation for mining purposes; such subscription to be deemed to have been made on the execution and delivery to such corporation of such deed, deed of trust or other instrument; nor shall the validity of any assessment levied by the board of trustees of such corporation be affected by the reason of the fact that the full amount of the capital stock of such corporation, as mentioned in its certificate of incorporation, shall not have been subscribed as provided in this section: provided, that the greater portion of said amount of capital stock shall have been so subscribed; and provided further, that this section shall not be so construed as to prohibit the stockholders of any corporation formed or which may be formed for mining purposes as provided in this section from regulating the mode of making subscriptions to its capital stock and calling in the same by by-laws or express contract.

XII. WATER RIGHTS:

Any person or persons or company now incorporated, or that may hereafter become incorporated under the laws of this State for the purpose of mining or manufacturing, shall have the right to purchase or appropriate, and take possession of and divert from its natural channel, and use and hold the waters of any river, creek or stream in this State that may be required for the mining and manufacturing purposes of any such person or persons, corporation or corporations, and to construct all dams, canals, reservoirs, ditches, pipes, flumes and aqueducts suitable and necessary for the controlling, directing and running such waters to the mines or manufacturing establishments of any such person or persons, corporation or corporations, where the same may be intended to be utilized for such purposes; provided, that no such appropriation or diversion of the waters of any such river, creek or stream

from its natural channel, nor shall any such dam, canal, reservoir, ditch, pipe, flume or aqueduct be constructed, to the detriment of any person or persons, corporation or corporations, occupying the lands or being located below the point or place of such appropriation or diversion on any such stream or its tributaries, or above or below such dam, canal, reservoir, ditch, pipe, flume or aqueduct, or of the owners of the lands through which the waters run in the natural course for the deprivation of the same, or the owners of the land through or upon which such dam, canal, reservoirs, ditch, pipe, flume or aqueduct may pass through or over, or be situated upon, unless just and adequate compensation be previously ascertained and paid therefor.

MINING.

I. SALE OF MINERALS:

Timber, stone and minerals on State lands may be sold, but must be removed within five years from date of sale or revert to the State. If located within or adjacent to any incorporated city when sold, shall be removed within three years or such less time as the board of land commissioners shall fix.

II. LOCATION AND RECORD:

All mining claims shall be governed by law in force at time of location.

The miners of each mining district may make rules and regulations governing location and amount of work necessary to hold possession not in conflict with the laws of the United States or this State, but on each claim one hundred dollars' worth of work must be done in each year. First year shall date from January 1st succeeding date of location. Failure to comply shall work forfeiture and claim may be re-located.

Mining claims located after February 2, 1888, upon any vein or lode, etc. (whether located by one or more persons), shall not exceed fifteen hundred feet in length along the vein, and three hundred feet on each side of the middle of the vein at the surface, but no location shall be made until the discovery of the vein or lode within the limits of the claim located.

The locators of all mining claims on any mineral vein, lode or ledge on the public domain and their heirs and assigns (as long as they comply with the laws in relation thereto) shall have exclusive right to possession and use of all the surface included in the location, and all veins, lodes and ledges throughout their entire depth, and the top or apex of which lies within the surface line of their location extending downward vertically, although they may so far depart from the perpendicular as to extend outside of the vertical side line of the surface location.

Miners of each district may elect a recorder. The recorder when elected shall record all notices, transfers, bonds, conveyances and assignments of mining claims within the district. Such records are declared to be public records and shall have same effect as to notice, etc., as the records of deeds and mortgages in this State. The recorder shall hold office for one year and until his successor is elected; shall file oath with county auditor; shall be certifying officer; and his fees shall be same as are county auditor's. When there shall occur a vacancy in the office, the records shall be transmitted to the county auditor and the auditor shall keep such records as part of the records of his office, in districts where there is no mining recorder. Notices of location, etc., and other instruments shall be recorded in the county auditor's office within thirty days after the execution thereof. All records made prior to February, 1888, are validated.

III. INSPECTION OF MINES:

The State is divided into two inspection districts. The Governor shall appoint two competent coal mine inspectors for a term of four years, subject to removal for neglect or malfeasance; such appointments to be made on recommendation of a board of examiners consisting of three practical coal miners and one mining engineer, the said board to be appointed by the Governor. The inspectors must be citizens with at least two years' practical experience in this State, and shall have resided within the district at least one year. Inspectors shall not be interested in any coal mine or company in the State; shall be of good moral character and habits, and shall not commit any act injurious to mines or operators of mines, and shall devote their entire time to duties of office. The State shall provide modern (and best) instruments, said instruments to remain the property of the State. Inspectors shall give bond for performance of their duties in a sum of five thousand dollars, with sureties approved by a judge of the Superior Court. They shall examine each mine in the district at least once in every three months and make records of examination, number of mines in district, employes in each mine, number of accidents, deaths, etc. The record must be completed by December 31st in each year, and be filed in the Secretary of State's office by 1st day of February following. Two thousand copies of the report of each inspector are published biennially by the State in pamphlet form for free distribution.

Inspectors may enter and inspect any and all mines and machinery used within their district at all times, day and night, and owners must furnish all facilities for said inspection. If owners refuse, the inspector shall file an affidavit with a Superior Court judge and obtain an order from such judge commanding the owner or operator to allow the inspection and comply with the law, or in default thereof to be in contempt of court and to be punished accordingly. If mines are worked contrary to law, the inspector must proceed by injunction (without bond) to close said mines.

The owner, agent or operator, etc., of all coal mines shall for information of inspector furnish accurate maps or tracings of mines showing workings thereof up to at least six months prior to any given date. Within three months next after abandonment of a mine, an accurate map or plan thereof must be filed with the Secretary of State as mining record and shall be the property of the State. (Maps must be on a scale not to exceed one hundred feet to an inch.) In case of failure or neglect to make map as aforesaid the inspector shall have maps made at the expense of owners, etc., cost recoverable by suit from owners, etc.

When loss of life and serious personal injury shall occur from any accident in a coal mine, the parties having charge of said mine shall give notice thereof to the inspector of the district, and, if death results, to the coroner of the county, who shall give notice of inquest. The mine inspector may testify at the inquest and shall give full information in relation to the mine. The mine inspector may question witnesses, etc. Upon receiving notice of accident the mine inspector shall at once repair to the scene of the accident and do what he can to procure the present and future safety of the men; shall investigate cause of accident and keep record of same, and may compel witnesses to attend, testify, etc. Cost of investigation to be paid by the county.

On petition of not less than ten reputable citizens, or miners, mine inspectors may be cited before the Superior Court to answer to charges of neglect of duty or incompetency, or malfeasance in office. If the court finds charges true it shall so certify to the Governor and the Governor shall declare the office vacant, and proceed to fill the vacancy according to law. Costs shall be taxed against the inspector if charges are found true; if not, against the petitioner.

IV. MEASURES OF SAFETY:

Mines worked by shaft, slope or drift must have at least two openings, separated by natural strata by a distance of not less than one hundred feet (in mines already opened, distance may be less with approval of inspector), provided twenty-four persons may be employed before the second opening is reached. The second opening must be made without unnecessary delay, and in case furnace ventilation is used before second opening is reached, the furnace shall not be placed within forty feet of a shaft, slope or draft, and shall be well secured against danger of fire, by brick, stone or other fireproof walls, until said second opening is secured.

Escapement shafts shall be equipped with stairways or ladders, with landing places, or in lieu thereof hoisting apparatus (to be approved by inspector); all escapements and hoisting apparatus to be kept in good order and inspected every twenty-four hours by competent persons employed for that purpose.

Ventilation must be equal to at least one hundred cubic feet of air per minute for each person, measured at the foot of the downcast, the same to be increased at discretion of the inspector. Air must be forced to the face of every working place throughout the mine, so that mine shall be free from smoke and gases. Mines must be inspected every morning for firedamp, with safety lamp, and the result of inspection shall be marked at face of each working place. It is unlawful to use a furnace for ventilation. Bore-holes shall be kept twenty feet in advance of the face of each working place, and if necessary on both sides when driving toward an abandoned mine.

In all shaft or slope mines, suitable provision for communication between top and bottom shall be maintained, together with improved hoisting apparatus and cages covered with boiler iron, with brake on every drum, and safety catches. Covered cages not required in mines less than one hundred feet in depth, but in all vertical shafts of more than one hundred and fifty feet in depth shall be provided iron bonneted safety cages. The safety apparatus, whether consisting of eccentric springs or other device, shall be securely fastened to the cage and shall be of sufficient strength to hold the cage loaded at any depth, provided the cable shall break. Fine for violation of this provision not less than five hundred dollars and not more than one thousand dollars.

No person shall ride on a loaded cage or hoisting machine; not more than twelve persons shall ride on any car or cage at one time; not more than five persons shall be allowed for each ton's capacity of hoisting apparatus in any cage or car, except in case of persons employed as rope riders or couplers; no coal shall be hoisted while persons are descending into such mine, notice of which shall be posted at said mines. Persons shall not be lowered into or hoisted out of any mine at a greater rate of speed than

six hundred feet per minute, the number ascending and descending at any one time to be regulated by mine inspector.

All underground, self-acting or engine planes on which coal cars are drawn and persons travel shall be provided with proper means for signaling between the sloping planes and the end of said planes, and sufficient places of refuge shall be provided at the sides of said planes, not more than sixty feet apart and to extend six feet at right angles from the rail. Such places of refuge are not required when a separate traveling road is provided for employes.

In all mines where coal is hoisted by steam power and there is no means of ingress or egress afforded to persons except by hoisting apparatus by way of shaft or slope, a steam pump conveniently situated, with a sufficient supply of water shall be maintained always ready for use in any part of the building or premises within fifty feet of said coal hoisting machinery. In case of failure to comply with this provision, the mine inspector shall proceed by injunction to close such mine.

All shafts, excavations and holes, whether used for mining or otherwise, must at all times be securely fenced. These requirements in relation to fencing may be enforced by statutory proceedings before a justice of the peace or in a Police Court.

All iron needles and iron tamping bars must be tipped with five inches of copper. Failure or neglect to comply therewith is punished by fine.

Stretchers for the purpose of removing injured persons shall be constantly kept at or near the mouth of all drifts, shafts or slopes.

All main doors in coal mines shall be so placed that whenever one door is open another having the same effect on the same current of air shall be and remain closed, and thus prevent any stoppage of the current.

The owner or operator of a mine shall keep a sufficient supply of lumber for all needed props, at or near the opening of the mine, and shall at all times send down the same when needed or demanded.

All boilers must be kept in good order and inspected once in six months by a competent person, and the result of the examination certified to the mine inspector. Every steam boiler must be furnished with steam gauge, water gauge and safety valves.

Competent, experienced and sober engineers and firemen, not less than eighteen years of age, must be employed. No boy under the age of fourteen years and no female shall be employed or permitted to be in the mine. When employer is in doubt about age, he must require a certificate from parents. No boy under twelve is to be employed in outside structures except clerks in office, etc.

At all mines, printed rules, approved by the mining inspector, regulating the duties of persons employed, shall be kept posted in conspicuous places.

V. CONNECTING MINES:

When two or more mines are so located as to allow connection by permanent entries between, the right of way for such entry may be obtained in the manner provided by law of eminent domain.

VI. MISDEMEANORS:

Any person who shall knowingly injure any water gauge, barometer, air course or brattice; or shall obstruct or throw open any airways; or carry any lighted lamp or matches into places worked by the light of safety lamps; or shall handle or disturb any part of the machinery of the hoisting engine; or open a door in the mine and not leave the same closed again, whereby danger is produced either to person or property; or who shall enter any part of the mine against caution; who shall interfere with or attempt to interfere with any engineer, fireman or employe employed in or about such mine in the discharge of his duty or employment; or who shall disobey any order made in pursuance of the mining law of this State; or violate any of the rules established by said law; or who shall do any willful act whereby the health of any person working in any mine or mines is injured or endangered; or any act or acts endangering any mine or machinery therein, shall be deemed guilty of a misdemeanor, and upon conviction punished by fine of not more than two hundred nor less than fifty dollars, or by imprisonment in the county jail for a term not exceeding six months nor less than three months, or by both fine and imprisonment.

VII. REPORTS, TAXES AND WEIGHTS:

All owners, etc., of coal mines shall keep accurate account of all coal used or sold from their mines, and deliver same to the mine inspector once in every three months, and shall send a certified copy of same to the State Treasurer.

Every ton of coal used or sold from any mine shall be taxed four mills, said amount to be paid into the State Treasury quarterly, on the first day of January, April, July and October in each year.

All coal mined at bushel or ton rates must be weighed and credited to the mine before being screened, etc. The weighman of coal shall take an oath to do justice between employer and employe; and miners may employ at their own expense a check-weighman.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF WEST VIRGINIA.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by MERRICK & SMITH, Attorneys-at-Law, Parkersburg, West Virginia.

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COMMERCIAL LAW.

I. ACKNOWLEDGMENTS:

Deeds and other papers to be recorded should be acknowledged before a justice, notary public, recorder, prothonotary or clerk of any court within the United States, or a commissioner appointed by the Governor of this State. A notary without the State shall certify the same under his official seal.

II. ALIENS:

May hold, convey and devise real estate as if they were citizens of the State. They may acquire by purchase or inheritance.

III. ASSIGNMENTS:

There is no statutory regulation of assignments, except that no preferences may be made.

Assignments are made in the form of deeds of trust to a trustee whose duties are fixed by the trust. If in any way this instrument hinders, delays or defrauds creditors, or if debtor remains in possession of stock of goods it is void as to attaching creditors. Does not release debtor from unpaid balance of debts, unless such a provision is put in the deed of trust. If it is, and the creditors accept payments thereunder it would prevent them from proceeding against the debtor personally. Without the assent of the creditors in some form, the debtor is not discharged personally.

Preferences by insolvent debtors in favor of creditors, sureties or endorsers are made void, except that a transfer of bonds, notes, stocks, securities, or other evidences of debt, to pay a debt or secure an endorser, or as collateral security shall be valid. Such invalid preference by an insolvent debtor shall be valid unless a creditor bring a suit within one year after the transfer, or charge, to set it aside, and cause the property so transferred to be applied to the payment pro rata of all the debts of such debtor existing at the time of such transfer. But if such transfer is admitted to record within eight months after it is made, then such suit must be brought within four months after such transfer is admitted to record. But a transfer of bonds, notes, stocks, securities or other evidences of debt, to pay a debt, or as collateral security, is not affected by the statute.

IV. ATTACHMENTS:

May be sued out on affidavit that defendant is a foreign corporation or a non-resident of the State; has left State with intent to defraud creditors, or is about to do so; is removing, converting, or disposing of his property, or about to do so with like intent; has property which he conceals; or fraudulently contracted the debt. Such attachment may be sued out for a debt not due, except that if it be against a foreign corporation that ground alone will not be sufficient as to debt not due. Attach-

ments in Circuit Court may be levied on real and personal property. If officer is to take possession of property bond must be given. If not, no bond need be given. But if no bond be given, the lien of the attachment may be defeated by the defendant by a sale of the property even though the purchaser is aware of the pendency of the suit. Before a justice a bond must be given under all circumstances. The lien of attachment dates from its levy.

V. CLAIMS AGAINST ESTATES:

Executors and administrators are given a year in which to settle up the estate, or longer if necessary, to collect claims and otherwise adjust the business of the estate. They cannot be compelled to pay a claim against the estate or to make distribution of the assets until after the expiration of one year. Claims should be proven before an administrator by affidavit within the year. If the claim is disputed then a suit against the administrator to determine the right to recover will be necessary. All of the property, real and personal, is liable to the payment of debts, but subject to the widow's right of dower in the real estate. If the personal property is not sufficient to pay the debts, then suit may be brought against the real estate by the administrator. If the administrator fails for six months after his appointment to bring such suit, then any creditor may bring such suit.

VI. COURTS:

The Supreme Court of Appeals has jurisdiction of all appeals from the Circuit Courts of the different counties. No appeal can lie after two years from the date of judgment or order complained of, nor where less than one hundred dollars, exclusive of interest and costs, is in controversy.

Circuit Courts: The State is divided into thirteen circuits, with a circuit judge for each circuit. Three terms a year of the Circuit Court are held in each county, and the court has jurisdiction in all criminal matters and in all civil matters over fifty dollars. An appeal lies to this court from the judgments of justices where over fifteen dollars is in controversy. Sixty days is required to mature an ordinary action at law, but by a special statutory notice judgment may be had in thirty days.

Justices of the peace have jurisdiction where matters in controversy do not exceed three hundred dollars—exclusive of interest and costs. If no defense is made, judgment may be had at the end of five days from the service of the summons. If defendant swears he has a just defense he can obtain a continuance of one week.

VII. FEES:

Acknowledgment before notary public	$ .50
Acknowledgment before justice	.25
Acknowledgment before clerk of court	.50
Attachment, contingent.	
Appeal, contingent.	
Commencement of suit in Justice Court: No certain sum required to be paid down, but officers may demand payment for each specific service as rendered according to fees allowed by statute.	
Commencement of suit in court of record: Same as above.	
Incorporation: to Secretary of State	6.00
Tax	10.00
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Probate: According to orders entered on contest, from	1.75
Protest: With two notices	1.00
Each additional notice, three times postage and	.10
Record: For deed, from	1.25
Transfer of land	.75
Redemption; in tax sales only, and contingent.	
Sheriff: Serving process	.75
Witness	.25
Levy	1.00
Attachment, person	1.00
Attachment, real estate	3.00
Transcription: records for appeals, each 30 words	.03
Witness: mileage each way, 5 cents, and per day	1.00

VIII. DEEDS:

May be made by any person twenty-one years of age. Are necessary to convey real estate, or an interest therein of over five years. Must be acknowledged in order to go on record, and deed of married woman even, as to her separate estate, of no effect unless her husband joins in it.

Deeds of trust are now almost universally used in place of mortgages, whether chattel or real. They may be so drawn as to fix the terms of sale and manner of giving notice, but if not so drawn thirty days' notice of the sale must be published. Sale will be made by the trustee upon the terms mentioned in the deed, or if such terms are not mentioned and the property be real estate, one-third down and balance in one and two years. Personal property will be sold for cash.

IX. DEPOSITIONS:

In equity cases all the evidence is in the form of depositions. In law cases depositions of witnesses living out of the State, or in certain cases out of the county, may be taken. Reasonable notice of the taking must be given the opposite party, but no commission is necessary. May be taken in or out of the State before a justice, notary public, commissioner in chancery, commissioner appointed by the Governor or by any officer authorized to take depositions in the state where they may be taken. If such depositions are taken out of the State the officer taking them must certify them under his official seal, and if he have none, then his signature must be authenticated by a clerk of a court of record under his official seal.

X. DESCENT:

Real estate descends in the following order: To the children or descendants; next to the father, then to the mother, brothers and sisters; then one-half to the paternal and one-half to the maternal kindred as fixed by the statute. Persons of the half blood inherit only half as much as the whole blood.

Personal property passes in the same way as real estate except that if the intestate was a married woman and leave children surviving, the husband will take one-third, and if she leaves no children, he takes all. And if intestate leave a widow and children, she shall be entitled to one-third, and if he leave no children, she takes all.

XI. EXECUTIONS:

May be issued by a justice any time within three years from date of judgment, or within three years from return of last execution. Must be issued from Circuit Court within two years from date of judgment, and thereafter within ten years from return day of last execution. May be levied on current money, bank notes and goods and chattels.

The lien of an execution levied relates to the time it went into the officer's hands. It is a lien on property which cannot be levied on, and the defendant may be summoned before a commissioner in chancery to answer interrogatories, disclose his property and turn it over to satisfy the execution. Defendant may give forthcoming bond for property levied on, and if bond is forfeited judgment must be obtained on it before proceeding further; but no forthcoming bond can be given on such a judgment.

On a judgment before a justice no forthcoming bond can be given, but within twenty days from the date of the judgment defendant may give a stay bond which stays execution on judgment not exceeding fifty dollars for two months; over fifty dollars and not exceeding one hundred dollars, for four months; and if over one hundred dollars, for six months.

XII. EXEMPTIONS:

Two hundred dollars of personal property by any husband or parent, or widow, or infant children of deceased parent. The personal property exemption is obtained by filing a schedule of the property as provided by the statute with the officer having an execution or with the administrator of a decedent's estate as the case may be.

One thousand dollars of real estate, but this real estate exemption does not apply as to any debt contracted before a declaration, claiming the property exempt, has been recorded in the clerk's office of the County Court, and this is very rarely done.

XIII. INTEREST AND USURY:

No greater rate than six per cent can be collected, but the contract for a greater rate only forfeits the excess of interest above six per cent.

XIV. JUDGMENTS:

Are enforced as to personal property by executions levied. On the real estate, the judgments of the Circuit Court are a lien from the first day of the term at which they are rendered, and as against purchasers may be docketed in the office of the County Court within sixty days from the time they are rendered. Judgments before justices are not liens against purchasers until docketed. Judgments are enforced against real estate by suits in chancery to sell or rent the real estate.

XV. LIENS:

There are no liens specially applying to a mining corporation, or to miners, but every workman, laborer or other person who shall do or perform any work, or labor by virtue of any contract for any incorporation doing business in this State, shall have a lien for the value of such work or labor upon all the real estate and personal property of said company, and such lien shall have priority over any lien created by deed or otherwise on such real estate or personal property, subsequent to the time when the said labor was performed, but there shall be no priority between the persons claiming such mechanics liens.

Such lien shall be discharged unless the person claiming it shall file with the clerk of the County Court of the county in which such work or labor was performed, or in which the principal office, works, real estate or personal property of the company is situated, a just and true account of the amount due him after allowing all credits which account shall be sworn to by the claimant or some

one for him. But no such lien may be claimed for labor performed more than nine months before such lien was recorded.

In addition to the above, every mechanic, builder, artisan, workman, laborer or other person who shall perform any work or labor or furnish any material or machinery for constructing, altering, repairing or removing a house, mill, manufactory or other building, appurtenances, fixtures, bridge or other structure by virtue of a contract with the owner or his agent shall have a lien therefor on the interest of the owner in the property. Such lien will be lost unless an account duly sworn to as above is filed in the same manner, within sixty days from the time the last work was done or material furnished. Such liens will be lost unless suit is brought thereon within six months from the time the lien is recorded.

XVI. LIMITATIONS:

Action for the recovery of land must be brought within ten years. A note under seal made before April 1st, 1869, might be sued on within twenty years; and a note not under seal, of that date, might be sued on within five years. Notes made since that date, whether under seal or not, may be sued on within ten years of the time they fall due.

Store accounts must be sued on in three years. Accounts between merchants within five years from the time dealings cease. Any other contract within five years. In order to take the debt out of the statute, a new promise to pay must be in writing. A payment on the debt will not answer.

As to an action for the settlement of partnership accounts, or upon accounts concerning the trade of merchandise between merchant and merchant, an action may be brought until the expiration of five years from a cessation of the dealings in which they are interested together.

XVII. MARRIED WOMEN:

A married woman will not bind herself personally by a contract, but will charge all her separate property, real or personal; and may be sued at law just as if single. Her personal property may be sold on execution, and her real estate may be sold in chancery suit to enforce lien of judgment.

XVIII. MILLS:

A person having on his land or proposing to build on his land a water mill, or other machine, manufactory or engine useful to the public, and desiring to erect a dam across or in the water-course on which the same is situated, or to cut or enlarge a canal through lands above or below, or to raise a dam, may apply to the Circuit Court of the county for the appointment of five commissioners to ascertain a just compensation to the owners of the estate proposed to be taken. They shall give notice, hear evidence, and make report of their assessment of damages. Exceptions may be made to the report, and either party may demand a jury to ascertain the compensation. From such trial there may be an appeal as in all appealable civil cases. On payment to the parties entitled of the amounts ascertained the applicant by such judgment and payment will become seized in fee simple of the lands proposed to be taken.

If work is not begun within one year and the mill completed for use within three years; or if the mill be destroyed, or become unfit for use, and the work of rebuilding be not commenced within two years, and completed within five years, then the title to the land shall revert to the former owner, his heirs and assigns.

XIX. MORTGAGES:

Chattel mortgages are valid, but deeds of trust are universally used instead of mortgages. (See "VIII. Deeds.")

Real estate mortgages are valid, but as to enforce them it is necessary to bring a suit in equity, deeds of trust are almost universally used instead of mortgages. (See "VIII. Deeds.")

XX. NOTES AND BILLS:

All bills and notes payable at a bank or place of discount and deposit are negotiable. Those not so payable are not negotiable. No days of grace. January 1st, February 22d, May 30th and July 4th are legal holidays. Negotiable paper due on those days or Sunday is payable and due on the preceding day.

XXI. SUITS:

In the courts the common law practice is used. The same courts have also jurisdiction of chancery suits. Ordinarily it requires sixty days to mature an action in court. The action before justices may be brought for any matter of debt, the recovery of personal property or the recovery of damages to property and if defense is not made, may be matured in five days. But the title to real estate cannot be called in question before a justice.

XXII. TAXES:

Constitute a lien from April 1st of each year. Payable in autumn on days fixed by the sheriff, who collects the taxes. Sale of real estate for taxes every two years. May be redeemed from purchaser within one year by paying amount and twelve per cent interest.

XXIII. WAGES:

It shall be unlawful for any company, firm or person, directly or indirectly, to issue, sell, give or deliver to any person employed by him, or it, in payment of wages due such employe, or as advances on the wages of labor not due, any scrip, token, draft, check or other evidence of indebtedness payable otherwise than in their face value in money. The company or person doing it shall be liable to a fine of not less than twenty dollars nor more than one hundred dollars, and at the discretion of the court imprisoned not less than ten nor more than thirty days.

The compelling or attempting to compel an employe to purchase goods or supplies from a particular person is a misdemeanor, punishable by fine and imprisonment.

XXIV. WILLS:

All persons of sound mind and above the age of twenty-one years may make a will, and minors of eighteen years of age may will personal property. Must be executed in the presence of two witnesses, or be written wholly by the testator.

CORPORATIONS.

I. ORGANIZATION:

The agreement for incorporation should set forth: 1. Name of the corporation. 2. The purpose for which it is formed. 3. Place where its principal office or place of business shall be kept. 4. Term for which it is to exist, not exceeding fifty years. 5. The amount subscribed to the capital stock, the number and value of each share, and the amount to which corporators desire the privilege of increasing the capital. 6. The agreement must be subscribed by five or more persons, who need not be residents of the State. It must be acknowledged before a notary public or some officer authorized to take the acknowledgment of deeds, and two of the corporators must make affidavit that at least ten per cent of the capital subscribed has been paid in in good faith, and without any intention of withdrawing it before the dissolution of the corporation. Upon the filing of such agreement and affidavit with the Secretary of State, he will issue a certificate of incorporation, declaring the persons named in the agreement a corporation.

II. BY-LAWS:

The first stockholders' meeting must be held not less than twenty-one nor more than ninety days after the date of the certificate of incorporation. At this meeting by-laws should be adopted providing for: 1. Officers, including directors, and the duties and tenure of office, and compensation, except where this latter is left to the board of directors. 2. Time of annual election. 3. Time, place and manner of calling meetings of stockholders and directors. 4. The general business of the corporation. 5. If desired, restrictions on the usual powers of officers. 6. These by-laws may be adopted by a majority vote of those present, and may be subsequently amended as provided by the by-laws.

The by-laws should be entered on the record and certified by the chairman of the stockholders' meeting and the secretary. The directors may adopt by-laws governing their action, provided they do not conflict with the by-laws adopted by the stockholders.

The principal office or place of business may be in any state or territory of the United States or District of Columbia; and the meetings of directors and stockholders may be held out of the State; but this cannot be done without the concurrence of persons holding a majority in value of the stock, nor without reasonable notice.

III. MEETINGS AND ELECTIONS:

Directors must be elected annually by the stockholders, and such election shall be on the fourth Tuesday of January unless the by-laws prescribe a different time.

IV. LIABILITY OF STOCKHOLDERS:

Stockholders are not liable beyond the amount of stock subscribed by them. When that is paid up their personal liability ceases. There is no personal liability for debts or wages due to mechanics, workmen or laborers employed by the corporation.

V. REPORTS AND STATEMENTS:

The board of directors shall make a report to the stockholders, at the annual meeting, of the condition of the corporation. The report shall show: 1. Property and funds of the corporation. 2. Estimated value thereof. 3. Debts due to it, distinguishing such as are deemed to be good from those considered doubtful or hopeless. 4. Debts of the corporation. 5. The capital paid in and the estimated surplus or deficiency as the case may be. 6. Dividends declared, and losses incurred and profits accruing during the preceding year. A copy of this report shall be furnished to each stockholder requiring it, with a list

of the stockholders and their residences. But this report is not required to be published.

VI. FOREIGN CORPORATIONS:

No corporation incorporated under the laws of another state may hold property or transact business in this State, until it shall have filed with the Secretary of State a copy of its articles of association and of the law and authority under which it is incorporated. A certificate that this has been done will be issued by the Secretary of State, and this certificate shall be filed and recorded in the office of the clerk of the County Court of one of the counties in which the business of the corporation is conducted. Every such corporation which shall do business in this State without complying with said provisions shall be guilty of a misdemeanor, and upon conviction thereof shall be fined not less than five hundred dollars nor more than one thousand dollars for each month its failure so to comply shall continue.

MINING.

I. RIGHT OF WAY:

Mining property is not subject to a right of way more than any real estate, nor does it have in its favor such right of way. Mine owners desiring to drain their mines or lands through the land of others may apply to the Circuit Court for the condemnation of such right in the manner already described as to mill-dams. But it is doubtful if the statute can be enforced, as such condemnation can only be had for public uses, and the West Virginia Supreme Court have held a similar use not a public use.

A coal mine cannot be mined within five feet of adjoining land, and the owner of such land shall have the right once a month to enter the mine, and if need be, survey it. This right will be enforced by a justice of the peace on complaint made.

This State has no statutes regulating the location of mining claims on public domain and no lands on which they could be located.

The statutes do not indicate what shall be considered real estate pertaining to mining properties, but fixtures and machinery would no doubt be counted such by the courts.

II. INSPECTION OF MINES:

The State is divided into two mining districts, and two mine inspectors, one for each district, are appointed by the Governor and hold their office four years. The inspector's duties shall be to examine each mine at least twice a year and see that the provisions of the mining law are observed and strictly carried out. These examinations particularly apply to ventilation, drainage and general safety. He must make a record of such examinations and annually as of June 30th make a detailed written report to the Governor. This report shall be filed not later than December 30th following.

Proper facilities for entering and examining the mines shall always be afforded the inspector, and if his requirements are not complied with, he may enforce them by enjoining the working of the mine by injunction obtained from the Circuit Court of the county.

The inspector shall be notified of any accident occasioning loss of life, or serious personal injury, by mail, at once. In case of loss of life an inquest shall be held.

The operator or agent shall annually during July deliver to the inspector a report of the preceding twelve months ending with June 30th. The report must include the details required by the inspector. The operator or agent of each coal mine shall also make, or cause to be made, an accurate map or plan of each mine, and file a copy thereof with the inspector of the district. The original shall be kept in the mine office, subject to examination and use by the inspector. Twice a year the mine must be surveyed and the map corrected to show the extensions and changes in the mine. If the operator fails to do this the inspector may have it done at the expense of the operator.

III. VENTILATION AND MEASURES OF SAFETY:

Ample means of ventilation shall be provided, affording not less than one hundred cubic feet of air per minute for each person employed in the mine, and as much more as may be necessary, which shall be thoroughly circulated in all parts of the mine.

The mine shall be kept free of standing gas in the abandoned parts, and entrances thereto closed, warnings posted, and self-closing doors hung to divide the ventilation therein. Before each shift, all places where gas is known to or liable to exist must be examined by the "fire boss" with a safety lamp, and on each examination he must leave the mark thereof, and workmen shall not be permitted to enter until examination is made. Fine coal dust shall be watered down. Safety lamps so used shall be furnished by the operator of the mine.

A "mining boss" shall be employed who shall be an experienced coal miner, or having two years' experience in a coal mine, who shall see to all the interior workings of the mine, ventilation, safety appliances, excavations, timbering, drainage and other matters. The "mining boss" or his assistant shall visit every working place at least once in three days and see that safety in all respects is assured.

There shall be at least two outlets separated by natural strata of not less than one hundred feet if the mine be worked by shaft, and not less than fifty feet in breadth if worked by slopes or drift. There shall be a safe and available roadway from the interior of the mine to each of said outlets, which shall be kept free from all obstructions that might prevent travel in case of an emergency, and if either of said outlets be a shaft it shall be fitted with all proper appliances, ready for immediate use, whereby persons employed may readily escape. This will not apply while work is being actually prosecuted to communicate between said outlets, nor as to work being done in the final abandonment of the mine, if no more than twenty persons are employed in the mine at any one time. If the owner of a coal mine has not suitable ground to make a second outlet from the mine he may condemn ground therefor from adjoining land.

A metal speaking tube from top to bottom of the shaft, and the usual and necessary safety appliances in the hoisting apparatus must be provided, and once in every twenty-four hours inspected by a competent person. Only sober and competent engineers shall be put in charge of the machinery. Not more than ten persons shall ride in a car or cage, and on a loaded car or cage no person shall ride. Refuge holes every sixty feet shall be provided on one side of each slope.

No boys under twelve years of age and no female of any age shall be permitted to work in any mine.

IV. WEIGHT OF COAL:

A weighman shall be employed by the operator of the mine, and the miners working therein shall employ one. If they fail to do so, then the weighman employed by the operator of the mine shall weigh the coal. Each of the persons so employed shall be sworn.

All coal under contract for payment by weight shall be weighed before screening, and if paid for by measure it shall be ascertained before screening.

Each company or person operating a coal mine shall provide suitable standard scales to be tested by the sealer of weights and measures.

V. PENALTIES:

A fine of not less than fifty dollars nor more than five hundred dollars is imposed for violating the provisions of the act. The act applies only to those mines employing ten or more persons in the twenty-four hours.

Any person who shall knowingly injure any shaft, lamp, air-course or brattice, or do other acts, or fail to obey orders, whereby the life or health of any person employed or the safety of the mine is endangered, shall be liable to a fine of not less than fifty dollars, nor more than five hundred dollars, as above provided.

VI. QUARRIES:

Quarries are subject to the laws relating to real estate generally.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF WISCONSIN.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by COOPER & NELSON, Attorneys-at-Law, Racine, Wisconsin.

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I ACKNOWLEDGMENTS:

Deeds and like instruments for record must be acknowledged within the State before any judge, or clerk of court of record, court commissioner, county clerk, register of deeds, notary public, or justice of the peace; without the State, according to either the local law or the Wisconsin law before a notary with seal or other authorized officer. No "clerk's certificate" is needed for a notary, commissioner of deeds for Wisconsin, or clerk of a court of record if official seal is affixed, as should be done in all cases. For other officers it is needed to authenticate the acknowledgment. By enactment of 1893, defective acknowledgments that have been recorded twenty years are made good.

II ACTIONS:

The practice is under a code. Distinctions between actions at law and suits in equity have been abolished as to form. Actions affecting real property must be commenced in the county where the land lies; non-residents must give security for costs on commencing actions, if security is demanded. Process to begin action in all courts is by summons. In courts of record defendants must answer in twenty days. All insurance companies interested in a loss may be joined as defendants.

III ADMINISTRATION:

All probate jurisdiction is vested in the County Court of the county of decedent's domicile, or of his property situs, if a non-resident. Administrators, executors, and guardians are appointed on petition and notice, the widow and minors being preferred over creditors, unless they decline or fail to apply. Security is required. Foreign administrators and executors can act here upon filing copies of their letters, without ancillary administration. Possession and control of all realty (except homestead, q. v.) as well as personalty pertain to the administrator, etc., pending distribution of the estate. All non-exempt property is applicable to debts. Debts must be proved by affidavit filed in the County Court within six months after notice given of issue of letters, unless time is extended by the court; after that they are barred. This limitation does not bar contingent liabilities not fixed before said time expires. The Federal Courts ignore this limitation and entertain actions against the administrator, etc., on such debts within six years if assets are still in hand. Any other creditor or the administrator, etc., may contest claims. In insolvent estates all other debts pro-rate after full payment of administrative, funeral and last-sickness expenses, and debts preferred by United States laws. In solvent estates the same order obtains. The residue (except homestead, q. v.) is distributed under the will or the law of descent. (XII. post.)

IV. ALIENS:

May acquire, transfer and inherit property, like citizens, except that non-resident aliens cannot acquire more than three hundred and twenty acres of land by purchase. Alien women not barred of dower.

V. APPEALS:

Appeals may be taken to the Supreme Court direct from Circuit and County Courts having civil jurisdiction, regardless of the amount involved, within two years from entry of judgment. Bills of exceptions must be served within sixty days. The appellant must give security for costs of appeal. Appeals from Justice Courts to Circuit and County Courts with civil jurisdiction are permitted within twenty days after entry of judgment, and security may be required. The case is tried de novo in the Appellate Court if the amount in controversy exceeds fifteen dollars. Appeals as to wills and other matters of probate jurisdiction lie from the County to the Circuit Court, and thence to the Supreme Court.

VI. ASSIGNMENTS:

Assignments may be made by an insolvent debtor to such person, being a resident of this State, as he elects, who must give bond in double the nominal value of assets.

The assignee must file list of creditors and inventory within twenty days, and notify creditors, who may prove their claims by affidavit filed with assignee or with the clerk of the Circuit Court of the county where debtor lives. Proof of claim must be so filed within ninety days after assignee gives notice. That court has a general supervision of all proceedings and settles final accounts.

The assignee or any creditor can contest any claim filed. Debts to employes for wages, etc., earned within three months are preferred by law, and the same for six months may be preferred by the assignment. All others must pro-rate, and other preferences avoid assignment. Exemptions are allowed to assignor. (See XIV. Exemptions.) The assignment cancels a lien or levy under a judgment by confession entered within sixty days before; or, conditionally on the creditor's knowing or having cause to believe the debtor insolvent, any sale or security made within that time and in contemplation of an assignment or of insolvency.

Insolvent debtors, after properly noticed hearing, may be discharged from all liabilities. A debtor who has made a voluntary assignment, by filing within one year thereafter his application for discharge in the Circuit Court, where such assignment is filed, may be discharged from all debts, after notice and hearing. Such application shall have annexed thereto a sworn statement that debtor has not disposed of any property for his future benefit, or in any way fraudulently compounded with any of his creditors. Opposing creditors may have a jury trial on hearing of application for discharge, and have the right to appeal. Upon payment of final dividend judgment satisfying the balance due on all claims filed under the assignment is entered in favor of assignor. Foreign assignments are treated according to the rules of comity. A majority in number and value of creditors may procure removal of assignee, and appointment of a new one, and the Circuit judge may, upon notice and after hearing, remove assignee for cause. The assignee must file verified itemized statement annually during continuance of trust; assignor and assignee may be fully examined as to all matters relating to state of business immediately before and after assignment.

VII. ATTACHMENT:

May be had, on contracts, when indebtedness exceeds fifty dollars, for absconding from State or concealment in it, to avoid process; for fraudulent disposition or removal, actual or intended, of property; for fraudulent contraction of liability; for official defaults; or against a non-resident, or a foreign corporation. On torts, it may be had in the two latter cases. It may be had in Justice Court, when indebtedness exceeds five dollars, on the same grounds and also for residence of defendant over one hundred miles away and in another county of this State.

The writ issues only upon affidavit of the ground for it and of the debt or tort, and, except in Justice Court, a bond for two hundred and fifty dollars must go with it. No bond is required when the State, county or city is plaintiff in the attachment. (Acts, 1895.) The defendant may traverse or deny the ground for the writ, and if he succeeds on trial the writ is dismissed, but judgment (on proof of debt) given for plaintiff, less costs of attachment. Attachment may be had on a debt not due, if bond is given for thrice the debt; but on failure to sustain the writ, the action, too, fails. This is the only case where an action lies before debt is due.

VIII. CLAIMS AGAINST ESTATES:

The County Court shall at the time of granting letters testamentary or of administration fix the time within which creditors shall present their claims for examination and allowance. Such time shall be fixed by an order and shall not exceed one year nor be less than six months from the date of the order. Upon giving notice this time may be extended for good cause shown, but in no case shall the time exceed two years. The order shall also specify the time and place to receive, examine and adjust such claims,

and the County Court shall cause notice of such time and place to be given by publication for four successive weeks, or in such manner as it shall direct, the first publication to be within fifteen days after the making of the order. Failure to file claim within the time limited by the order bars the claim, excepting in the Federal Courts, which do not recognize this provision. ("III. Administration.")

IX. COURTS:

The Circuit Court has general jurisdiction over all actions except those against the State. Some County Courts have a limited civil jurisdiction. Superior courts have jurisdiction over civil cases within a limit specified by law establishing them.

Justices of the peace have jurisdiction in civil actions where the amount involved does not exceed two hundred dollars; but cannot try suits in which title to land is involved. Their jurisdiction over torts is limited.

Regular terms of County Courts are held the first Tuesday in each month, except the months of July and August. Special terms may be held on any other Tuesday. Terms of the Circuit and Superior Courts are held at times specified in the statutes.

X. DEEDS:

Conveyances of land or of any estate or interest therein may be made by deed signed and sealed by the person from whom the estate or interest is intended to pass, being of lawful age, or his lawful agent or attorney, and acknowledged or proved in form prescribed, without any other act or ceremony whatever; but no mortgage or alienation by a married man of his homestead exempt by law from execution shall be filed or have any effect as to such homestead without the signature of his wife to the same. A husband can convey directly to his wife.

XI. DEPOSITIONS:

Depositions may be taken in pursuance of a stipulation, or after due notice, to be used before any court or magistrate in any action or proceeding, or on any motion therein. In criminal cases in courts of record the defendant may, on notice of the district attorney, apply to the court or presiding judge thereof to take the deposition of any material witnesses within the State in imminent danger of death, or of any material witness who is without the State. The deponent shall be sworn and his testimony taken in writing, and when completed, carefully read over by the officer taking the same, to, and signed by the witness; and thereafter forwarded under seal; such deposition to remain so to the clerk of the court or the magistrate or other person before whom the matter is pending, sealed until opened by the court. Depositions may be taken by any judge, justice, court commissioner, or master in chancery of any court of record in the United States, or any notary public or justice of the peace.

XII. DESCENT:

Realty (except homestead, q. v.), undevised, descends to: 1. Children and their issue, if all are in the same degree; else by right of representation. 2. Widow. 3. Parents, or survivor of them. 4. Brothers and sisters, or if deceased, their issue by right of representation. 5. Other next of kin in equal degree.

All realty owned in husband's life, except homestead, is subject to dower, unless barred by wife's assent to deed, or by a jointure or provision by will accepted in lieu of it; and all owned by wife at death and not devised by her or descended to issue by a former husband is subject to tenancy by curtesy. A non-resident wife is dowable only of lands owned by husband at decease. Tenancy by curtesy is independent of issue. Personalty is distributed by rules of descent.

XIII. EXECUTIONS:

Executions from a Justice Court may be stayed by bond for periods varying with amount; from a court of record only by security on appeal. There is no lien on chattels till levy; and sale is on twenty days' notice.

On realty, lien begins with docket of judgment or transcript from Justice or Record Court, in the office of clerk of the Circuit Court of the county wherein the land lies. All papers or certified copies thereof may be filed in county where land lies for enforcement of judgment. Sale is had on six weeks' notice, and sheriff's deed absolute issues after fifteen months without redemption. Supplementary proceedings lie after issue of execution and before or after return unsatisfied. Execution is issued, as of course, within five years after judgment; after five years, only on authority from the court.

XIV. EXEMPTIONS:

Exempt chattels are growing crops, clothing, bedding, stoves, cooking utensils, and other furniture to value of two hundred dollars; library; two cows, ten swine, two horses or mules (or one of either and a yoke of oxen), ten sheep and their wool, and a year's food for all exempt live stock; a wagon, sleigh, dray, plow and two hundred dollars' worth of other farm tools or tackle for teams; a year's provisions for debtor and family; tools and implements, or stock in trade, or both, up to two hundred dollars in value; sewing machines for family use; printing materials and presses of a printer or publisher up to one thousand five hundred dollars in value (except that as to claims of laborers and servants for services, only four hundred dollars shall be exempt); patents, owned by the inventor; three months' earnings (not over $60 a month), if the debtor has a family to support; and all insurance money on exemptions.

Most of these exemptions avail only residents. Corporations have no exemptions. Partners, however many, may take exemptions as individuals from joint assets. None of the above property is exempt from execution or attachment in action for purchase money of the same property. If husband does not select exemptions, the wife may.

XV. HOMESTEAD:

Real estate of whatever value, not over one-quarter of an acre in a city or village, or forty acres for agriculture in the country, is exempt to the actually resident owner. So, too, is its insurance, when burned, or its proceeds when sold, and held not over two years for purchase of a new one. But it is subject to mechanics' and mortgage liens, created with the wife's assent, and it cannot be conveyed without her signature (except that purchase money mortgage is good without wife's signature). On death of owner (unless widow is otherwise provided for to her satisfaction) it goes to her for life or widowhood; then, as other realty, to the heirs. (XII. Descent.)

XVI. INSOLVENCY:

An insolvent, independently of an assignment for his creditors, may procure a discharge as to creditors within (but not without) the State, by surrender of all non-exempt property, and petition. The property is distributed to creditors through an assignee. On notice to creditors, and an examination of the debtor, in the absence of fraud, the discharge is granted. (VI. Assignments.)

XVII. INTEREST AND USURY:

The legal rate is six per cent; maximum contract rate, ten. Usury forfeits the whole interest.

XVIII. JUDGMENTS:

Judgments in the Circuit Court keep debts alive for twenty years, are liens on land for ten years, and bear interest at the rate of seven per cent.

XIX. LIENS:

Every person who, as principal contractor, architect, civil engineer or surveyor, performs any work or labor, furnishes any materials or prepares any plans or estimates for, in or about the erection, construction, repairs, protection or removal of any dwelling-house or other building, or any machinery erected or constructed so as to be or become a part of the freehold upon which it is to be situated, or of any bridge, or in the filling up of any water lot, or the construction thereon of any wharf or permanent erection, or in the dredging of the channel in front of such water lot, or in digging or constructing any well or fountain, or in digging, building, or repairing any fences upon land, and the making or repairing of any walk, sidewalk or curbing, upon land, irrespective of any easement on or over said land, or doing manual labor thereon, shall have a lien thereupon, and upon the interest of the owner of such dwelling-house, building, machinery, etc., in and to the land upon which the same is situated, or of the person causing such manual labor to be done, and upon the water lots so filled or in front of which such dredging is done not exceeding forty acres; or, if within the limits of an incorporated city or village, upon the piece or parcel of land used or designed for use in connection with such dwelling-house, building, machinery, etc., or land on which such manual labor is done, not exceeding one acre. Such lien shall be prior to any other lien which originates subsequent to the commencement of the construction, repairs, removal or work aforesaid of or upon such dwelling house, building, machinery, etc., and shall also attach to and be a lien upon the real property of any person or whose premises such improvements are made, such owner having knowledge thereof and consenting thereto, and may be enforced as provided by statutes.

In case any person shall order or contract for the purchase of any machinery to be placed or connected to or with any building or premises, and such person not having an interest in such building or premises in or connected with which such machinery is placed, sufficient for a lien to secure payment for said machinery, the person furnishing such machinery shall have and retain a lien upon such machinery, and shall have the right to remove from such building or premises such machinery, in case there shall be default in the payment for such machinery when due, leaving such building or premises in as good condition as they were before such machinery was placed in or on the same.

And whenever the doing of manual labor on land for which a lien is given by this section shall consist of the building of a continuous roadbed or structure designed or intended for use as a single thing, or as a part of a single thing, and such roadbed or structure is not limited in extent to one acre of land in an incorporated city or village, or to forty acres of land outside such city or village, but extends over and across more than forty acres of land, whether within or without or partly within and

partly without such city or village, then in every such case the limitation to an acre or forty acres, as the case may be, in this section contained, shall not apply, but the party entitled shall have a lien upon all the interests of the owner in and to the whole of said continuous roadbed and structure and the whole of the land of the owner on which the same is constructed, or which is intended to be used or is used for the purpose of such roadbed or structure, and the claimant may make and file a single petition or claim for a lien on all of the same, which petition, or a copy thereof, shall be filed in the office of the clerk of the Circuit Court of such county in which such roadbed is situate or partly situate, and such lien may be foreclosed or enforced by the party entitled thereto in the Circuit Court of any of the said counties in which the said claim or petition is so filed, and in the enforcement of such lien the said roadbed or structure, if sold, shall be sold as one continuous and single thing.

Every person who, as sub-contractor of a principal contractor, or employe of any contractor or sub-contractor, performs any work or labor for or furnishes any materials to a principal contractor or sub-contractor, in any of the cases mentioned in the preceding section, shall be entitled to a lien, if, within sixty days after performing such work or labor, or furnishing such materials, he shall give notice in writing to the owner or his agent of the property to be affected by such lien, setting forth that he has been employed by such principal contractor or sub-contractor to perform or furnish, and has performed or furnished such work, labor or material, with a statement of the labor performed or materials furnished, and the amount due therefor from such principal contractor or sub-contractor, and that he claims the lien given by law. In all cases where a lien shall be filed by any person other than the principal contractor it shall be the duty of the principal contractor to defend any action brought thereupon at his own expense, and during the pendency of such action the owner may withhold from the contractor the amount of money for which such lien shall be filed; and in case of judgment against the owner or his property upon the lien, he shall be entitled to deduct from any amount due by him to the contractor the amount of such judgment and costs, and, if he shall have settled with the contractor in full, shall be entitled to recover back from the principal contractor any amount so paid by the owner, for which the principal contractor was originally liable. And any contractor or sub-contractor who shall purchase materials on credit, and represent at the time of purchase that the same are to be used in a designated building or other improvement, and shall thereafter use or cause to be used the said material in the construction of any building or improvement other than that designated, without the written consent of the person from whom the materials were purchased, with intent to defraud such person, shall be deemed guilty of a misdemeanor, and on conviction shall be punished by imprisonment in the county jail not more than three months, or by a fine not exceeding three hundred dollars.

Such claim for lien shall contain a statement of the contract or demand upon which it is founded, the name of the person against whom the demand is claimed, the name of the claimant or assignee, the last date of the performance of labor or furnishing of materials, a description of the property affected thereby, a statement of the amount claimed, and all other material facts in relation thereto. It shall be signed by the claimant, or his attorney, and need not be verified, and may be amended in case of action brought by order of the court as pleadings may be. Lien shall be filed in the office of the clerk of the Circuit Court of the county in which the lands affected thereby lie. Statutory procedure provides for the manner of foreclosing liens.

Miners' Liens: Any person who shall do or perform any work, labor or services, for any person or corporation engaged in or organized for the purpose of mining, smelting or manufacturing iron, copper, silver, or other ores or minerals in this State, and any bona-fide holder of any draft, time-check or order for the payment of money due for any such labor issued or drawn by any person or corporation, shall have a lien for the wages due him, or for the amount due on such draft, time-check or order, upon all the personal property connected with such mining, smelting or manufacturing industry belonging to such person or corporation, including the ores or products of such mine or manufactory, together with the machinery and other personal property used in the operation of such industry, and all the interest of such person or corporation in any real estate belonging thereto and connected with such business, which said lien shall take precedence of all other debts, judgments or decrees, liens or mortgages, against such person or corporation, except liens accruing to this State for taxes, fines or penalties, subject to the exceptions and limitations set forth in the law. Liens may be assigned.

XX. LIMITATIONS:

On sealed instrument, when cause of action accrues within the State, twenty years; when it accrues without the State, or on equitable cause for action, or a foreign judgment, ten years; on a municipal bond or other contract even when sealed, or any unsealed contract or liability at law, or trespass, trover or replevin, six years; on action against a sheriff or other officer for violation of duty, three years; on action for a penalty or forfeiture, or for an injury to person or character, two years; on an action for equitable relief against fraud, within six years after discovery of the facts constituting the fraud; on an action for recovery of realty, ten years after the adverse possession begins, where occupant claims under a paper title; otherwise, twenty years. Absence from State, after cause of action accrued, suspends statute.

XXI. MARRIED WOMEN:

Married women have in general the same rights as o her adults, except that they cannot become liable as sureties without an express charge of the debt on their separate estate. A deed by a married woman without her husband's signature passes her entire estate in land, free of his tenancy by curtesy.

XXII. MORTGAGES:

Mortgages are executed precisely as deeds, except that the wife need not join in a purchase money mortgage to bar dower. One year's redemption is allowed after sale, when sale is made on a mortgage with power of sale inserted. The general practice is to get judgment of foreclosure in the Circuit Court and then sell at the expiration of one year from the date of judgment.

Chattel mortgages must be filed in the town or city clerk's office, or actual possession must be taken and kept by mortgagee, to make them good against third parties; and when filed, they must be renewed by filing affidavit of amount unpaid every two years from date. If on household furniture or exempt chattels they are invalid without the wife's signature before two witnesses. If on stocks of merchandise, they become due between the parties unless the mortgagor every sixty days files a verified statement of the amount sold, payments made and new stock added; if this statement is not so filed, the mortgage becomes due between the parties and invalid as to third parties fifteen days afterward. Foreclosure sales cannot be had without mortgagor's consent, and the goods cannot be removed from the county within five days after seizure. On satisfaction of mortgage, certificate of mortgagee may be filed and original mortgage removed from files.

XXIII. NOTES AND BILLS:

The common law prevails as to negotiability, protest and rights and liabilities of the various parties to them. Warehouse receipts are negotiable unless expressed not to be. Municipal bonds are not negotiable, unless expressly authorized to be. Damages on foreign bills, five per cent. One action may be brought against all parties liable on a note or bill. Negotiable paper maturing on Sunday or holiday becomes due on the next preceding secular day. Days of grace abolished.

XXIV. PARTNERSHIPS:

There is no statutory regulation of general partnerships. Limited ones may be formed, to consist of general partners and special partners. The latter contribute a stated amount of capital and are liable for no losses beyond that. Public notice must be given of the formation of the firm, its members' names, their contributions of capital, etc. The special partners must pay all their shares in cash, and must be strictly non-participating—else they become liable as general partners, but they may examine into the business and advise as to its management.

XXV. REPLEVIN:

Specific personalty may be recovered by this action, on an affidavit by or for plaintiff showing his title or right of possession and defendant's wrongful detention or taking. The limit of jurisdiction in Justice Court is two hundred dollars. All cases above that must be in courts of record. Security in double its value for return of the property and payment of damages is required in the latter, but not in the former court; and the defendant can reclaim the property pending the suit by due security in his turn. In case of contest, allegations of affidavit must be proved as questions of fact.

XXVI. SALES:

Sales are prima facie invalid, unless accompanied by immediate and continued change of possession. Unless the vendee proves his good faith this presumption is absolute. Installment leases and contracts for sale reserving title to vendor till full payment must be written and filed like chattel mortgages.

XXVII. TAXES:

Taxes are levied about December 10th in each year, and must be paid about January 20th following or interest and costs are incurred. If taxes are not paid, and land not previously redeemed, the land is returned delinquent to the County Treasurer and sold on the third Tuesday in May following. The tax certificates issued therefor bears fifteen per cent interest, and after three years (unless sooner redeemed) a deed is due the purchaser, which is absolute.

XXVIII. WILLS:

Any person over twenty-one and a married woman over eighteen, of sound mind, may make a will, which must be

attested by two witnesses in sight of each other in the presence and at the request of the testator. Nuncupative wills under certain strict conditions are allowed. Revocation is by usual modes of destruction or by writing executed under the formalities of a will.

CORPORATIONS.

I. ORGANIZATION:

Three or more adult persons, residents of this State, may form a corporation for any lawful mercantile, trading, mining, smelting, quarrying, producing, lumbering, manufacturing business, etc., or for any two or more of such. In the acts of 1895 provision is made for trusts and corporations for furnishing security bonds; also for corporations affording protection to abandoned and ill-treated children.

Articles of incorporation containing certain statutory requirements shall be made, signed and acknowledged, and the original articles, or a copy verified as such by the affidavit of two of the signers thereof, shall be recorded by the register of deeds of the county in which the corporation is located, and a like verified copy shall be filed within thirty days with the Secretary of State. By enactment in 1895 it is provided that a copy of articles of association are not invalidated by failure to verify.

The first meeting of any stock corporation may be held after one-half of the capital stock shall have been subscribed. At least twenty per cent of the capital stock must be actually paid in before a corporation can transact business with others than its members. The business of every stock corporation shall be managed by a board of directors, who shall be chosen annually by the stockholders from among their number as provided by the articles of organization or the by-laws, and shall hold office for one year and until their respective successors are chosen, except that when classified by the articles of organization they may be elected to hold office accordingly.

II. POWERS:

Any corporation formed for the purpose of mining, smelting, quarrying or any mechanical or manufacturing purpose, upon and with the assent of three-fourths of its capital stock, may and shall have power, in its corporate capacity, to subscribe for, purchase, take and hold stock in any corporation, foreign or domestic, formed for the purpose of manufacturing, creating or generating any kind of power or light, to be used as a mechanical agency, when such power or light is to be used wholly, or in part, in facilitating the operations of such mining, smelting, quarrying or manufacturing company, or the transaction of its business.

Every corporation organized under any law of this State, when no other provision is specially made by law or by its articles of organization, shall have the usual powers vested in corporations; of making all necessary and proper contracts to effect its purposes and conduct its business; to sue and be sued, and to appear and defend in all actions and proceedings in its corporate name; to have a common seal and alter the same at pleasure; to elect and appoint all necessary officers, define their duties and obligations, fix their compensation, and to establish branch offices or places of business in this State or elsewhere; to make, amend and repeal by-laws and regulations for its own government and such others as shall be necessary or convenient for the accomplishment of its purposes; to take and hold property, both real and personal, and sell, convey or otherwise dispose of the same; to mortgage its franchises, tolls, revenues and property, both real and personal, to secure the payment of its debts, or to borrow money for the purposes of the corporation, and no other, with the consent of a majority of its stockholders, or, if not a stock corporation, of a majority of its members; and to establish, with the like consent, a sinking fund for the payment of its debts.

A majority of the directors or trustees of every corporation, convened according to the by-laws thereof, shall constitute a quorum for the transaction of business. The members owning a majority of the stock in stock corporations and a majority of the members of other corporations shall constitute a quorum at any meeting of the stockholders or members, and be capable of transacting any business thereof, except when otherwise specially provided by the laws or the articles of organization of the corporation.

III. CAPITAL STOCK:

Capital stock is deemed personal property, and when certificates thereof are issued shares may be transferred by indorsement of the owner, his attorney or legal representatives, and delivery of the certificates. Delivery of a stock certificate to a bona-fide purchaser or pledgee, for value, together with a written transfer of the same, shall be sufficient delivery to transfer the title as against all parties; such transfer to be recorded upon the books of the corporation or a new certificate issued before the rights of the corporation are affected. Transfer of stocks on books can, by proceeding, be compelled.

Stock shall not be issued, nor any bond, or other evidence of indebtedness, except in consideration of money, labor, or property estimated at its true money value, actually received by the corporation, and equal to the par value of such stocks, bonds, etc., and all stocks and bonds issued contrary to these provisions, and all stock dividends or other fictitious increase of the stock of any corporation shall be void, provided, however, that any corporation whose stock or bonds have been or shall hereafter be admitted to the stock exchanges of Chicago, New York, Boston, or Philadelphia, or of either of said cities, may sell such stock or bonds so admitted at the best price or prices for the time being obtainable therefor on any of the said exchanges at which the same shall be offered for sale.

Payment of subscriptions to stock may be enforced, or in case stockholder shall neglect or refuse payment of any installment on the stock for the space of sixty days after due, and after notice, such stock may be sold at public auction and the proceeds applied in payment of the installment called for and expenses attending the sale, and residue refunded to owner; if proceeds are insufficient, the stockholder remains liable to the corporation for the deficiency.

IV. LIABILITIES:

Whenever the capital stock of any corporation shall be diminished by any corporate vote, the stockholders thereof shall be liable for the payment of all debts then remaining unpaid, in an action by any such creditor or lawfully appointed receiver or assignee of such corporation, to an amount equal to the sum respectively refunded to them, or credited upon their debts for unpaid stock, or both. And also the stockholders voting for such diminution shall be jointly and severally liable to any creditor whose debt shall then remain unpaid, to an amount equal to the whole amount refunded to the stockholders or credited upon their debts for unpaid stock, or both; but all stockholders shall be liable for contribution to every stockholder compelled to discharge corporate debts under this section, proportionably to the amount so refunded or credited to them respectively.

If any stock shall be transferred which is not fully paid, the corporation may, by agreement, to be noted on its stock-book, discharge the stockholder making such transfer from liability to it for the unpaid part of his stock subscription, and accept that of the person to whom the stock is transferred in his place; but the person transferring such stock shall be liable for the amount unpaid thereon to the then creditors of such corporation, and those who may become such within six months after such transfer, or to any lawfully appointed receiver or assignee of the corporation for their use.

Stockholders of corporations, other than railroad corporations, are personally liable to the amount of their stock for debts due to its clerks, servants and laborers for services performed for the corporation, but not exceeding six months' service in one case.

V. DIVIDENDS:

No dividends shall be paid to the stockholders of any corporation until the capital stock has been fully paid in. All subsequent dividends shall be paid out of the net proceeds. By law of 1893, dividends are allowed to be paid out of the amount of improvements made.

VI. BOOKS AND RECORDS:

Every corporation organized under the laws of this State, except such railroad corporations as own or operate railroads in another in connection with their railroad in this State, shall have its principal office in this State, and shall keep in such office its general and principal books of account, including its stock-books; and its principal managing officer or superintendent shall reside within this State. Corporations not having their principal office or books of account within this State shall, when required by the railroad commissioner, the Legislature or any committee thereof, or any court of record, produce its books of account and stock-books.

At least once in each year each stock corporation shall file in its principal office, and keep on file there for the use of its stockholders, a statement of the assets and liabilities of such corporation, and of its financial transactions for the previous year, which statement shall be verified by the affidavit of the treasurer or other proper officer of such corporation, and shall contain a brief statement of the sources whence its receipts have been received, stated in classes, and a similar statement of its expenditures, showing the amount disbursed for each class of objects and purposes.

Any stockholder may at all reasonable times inspect the books of the corporation. Every creditor of a corporation shall be informed at any time of the amount of capital stock of such corporation subscribed, the amount paid in, who the stockholders are, the number of shares of stock owned by each, and the amount unpaid by each stockholder upon the shares owned by him; and if any shares of stock which were not fully paid for have been transferred within six months of the time of inquiry, the name of the person who transferred the same and the amount due thereon at the date of such transfer.

A complete record of the proceedings of the corporation shall be kept. Every stockholder is entitled to one vote for each share of stock. When all the members of any corporation shall be present at any meeting, however notified, and shall sign a written consent to the holding of such

meeting on the records thereof, they may transact any business at such meeting which could lawfully be transacted at any meeting of the members of such corporation regularly called and notified. Unless otherwise provided, election of officers shall take place annually.

VII. DISSOLUTION:

Whenever any corporation shall have remained insolvent, or shall have neglected or refused to pay and discharge its notes or other evidences of debt, or shall have suspended its ordinary and lawful business for one whole year, it shall be deemed to have surrendered the rights, privileges and franchises granted or required under any law, and shall be adjudged to be dissolved. This simply declares a cause for dissolution in a lawful way, and not the fact of dissolution for all purposes. In case of the dissolution of a corporation it may still continue as a body corporate for a period of three years for the purpose of settling its affairs.

VIII. FOREIGN CORPORATIONS:

Every foreign or domestic corporation, not duly organized under the laws of this State, formed for the purpose of transportation of either passengers or property, shall, before doing any business in this State, deposit in the office of the Secretary of State a written instrument, duly signed by the president and secretary thereof, and under their seal (if they shall have such officers and seal, otherwise by the principal officer thereof), and therein appoint an attorney to reside in this State and have an office therein, specifying his place of residence and office, upon whom and where any summons, notice, pleading, etc., may be served, and it shall therein be stipulated that any service of any such summons, notice, pleading, etc., upon such attorney, or in his absence at his said office, in any action brought against said corporation in this State upon any cause of action arising out of any business or transaction in this State, shall be accepted irrevocably as a valid service thereon, unless another attorney shall be subsequently appointed, with like authority in his stead. Such corporation can do no business in this State until it complies with these provisions. The penalty for failure to appoint an attorney and establish an office for service of legal process is five hundred dollars for the first, and not less than one thousand dollars for any subsequent offense.

Every foreign corporation engaged in manufacturing within this State shall, upon the written request of any resident creditor, within sixty days thereafter, and annually thereafter, upon a like request, file in the office of the Secretary of State a statement showing the capital stock subscribed, the amount thereof actually paid in, the full name of each of its stockholders and the amount of stock held by each; and shall at the time of so filing the first statement also file in such office a certified copy of its articles of organization. A formal request so to do may be served upon an officer of the corporation by mail, or upon any officer thereof who may be in this State, and the penalty for non-compliance therewith is forfeiture of the right to do business within the State.

MINING.

I. MINING RIGHTS:

Where there is no contract between the parties, or terms established by the landlord to the contrary, the following rules and regulations shall be applied to mining contracts and leases for the digging of ores and minerals, viz.: 1. No license or lease, verbal or written, made to a miner, shall be revocable by the maker thereof, after a valuable discovery or prospect has been struck, unless the miner shall forfeit his rights by negligence. 2. The discovery of a crevice or range containing ores or minerals shall entitle the discoverer to the ores or minerals pertaining thereto, subject to the rent due his landlord, before as well as after the ores or minerals are separated from the freehold, but such miner shall not be entitled to recover any ores or minerals, or the value thereof, from the person digging on his range in good faith, and known to be mining thereon, until he shall have given notice of his claim; and he shall be entitled to the ores or minerals dug after such notice. 3. Usages and customs among miners may be proved in explanation of mining contracts, to the same extent as usage may be proved in other branches of business.

II. DRAINAGE:

Every corporation, company or person engaged in mining may, when it is necessary in order to prosecute their work in mining, upon compliance with the provisions of the statute for the determination of the damages, conduct or convey the water away from their shafts, levels or land upon, over or below the surface of the land of any adjoining owner, in pipes, ditches, races or tunnels, doing as little damage as the case will admit of. The nature of the proceedings for the determination of damages is an award by commissioners upon petition of the county judge. Either party may appeal from the award of the commissioners within twenty days after the same is filed, by filing with the clerk a written notice of appeal.

III. SMELTER RECORDS:

Every smelter and every purchaser of ores and minerals shall keep a substantially bound book, ruled into suitable columns, in which shall be entered from day to day, as ores or minerals are received, the following items: The day, month and year when received; the name of the person from whom purchased; the name of the person by whom hauled and delivered; the name of the owner of the land from which the ores or minerals were obtained, or, if not known, the name of the diggings or some distinct description of the land. Said book shall be kept at the furnace, or at the usual place of business of such smelter or purchaser, or his agent, in this State, and shall be open to all persons at reasonable times for inspection and taking extracts.

DIGEST OF THE

Commercial, Corporation and Mining Laws OF WYOMING.

Compiled for THE MINE, QUARRY AND METALLURGICAL RECORD by E. W. MANN, Attorney-at-Law, Cheyenne, Wyoming.

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COMMERCIAL LAW.

I. ALIENS:

The Constitution of the State provides that no distinction shall ever be made by law between resident aliens and citizens as to the possession, taxation, enjoyment and descent of property.

II. ASSIGNMENTS:

Any debtor in embarrassed or failing circumstances may make a general assignment of all his property in trust for the benefit of his creditors, and all assignments, except as provided for in the act, will be deemed fraudulent and void.

Assignment is by deed, and it must designate all of the real and personal property conveyed. The proceedings are controlled by the District Court. Any creditor accepting dividend thereby releases the assignor from further liability. No preferences can be made except in favor of wages due from the assignor and earned within three months immediately preceding the date of assignment.

III. ATTACHMENTS:

Plaintiff in a civil action for the recovery of a money judgment may have an attachment against the property of the debtor in the following cases, wherein the debtor:

1. Is a foreign corporation, or non-resident of Wyoming, or is about to become a non-resident thereof. 2. Has absconded with intent to defraud his creditors. 3. Has left the county of his residence to avoid the service of summons. 4. So conceals himself that service of summons cannot be had upon him. 5. Is about to remove his property, or a part thereof, out of the jurisdiction of the court, with intent to defraud his creditors. 6. Is about to convert his property, or a part thereof, into money, for the purpose of placing it beyond the reach of his creditors. 7. Has property or rights of action which he conceals. 8. Has assigned, removed or disposed of his property, or a part thereof, with intent to defraud his creditors. 9. Fraudulently or criminally contracted the debt for which suit is brought.

In all cases, except against foreign corporations, plaintiff must file an undertaking, in a sum not less than double the amount of the claim, conditioned that the plaintiff will answer all damages which the defendant may sustain by reason of the attachment, if the order prove to have been wrongfully obtained.

IV. CLAIMS AGAINST ESTATES:

All claims arising upon contract must be presented to the executor or administrator within six months after the date of the letters, or they may be precluded from any benefit from such estate, and if such claims be not exhibited within one year from the date of said letters, they are forever debarred; provided, however, that when it is made to appear by affidavit of the claimant to the satisfaction of the court, or the judge thereof, that the claimant had no notice of the issuance of the letters, by reason of being out of the State, it may be presented at any time before decree of distribution is entered. The claim must be supported by an affidavit showing that the account is justly due, that no payments have been made thereon which are not credited, and that there are no offsets to the same, to the knowledge of the affiant.

V. COURTS:

The Supreme Court holds two regular terms annually at the capital of the State. Its business is principally of an appellate character.

District Court is held twice a year in each organized county, except Albany county, where it is held three times a year. Said court has full common law and chancery powers. It also has exclusive jurisdiction in all probate matters, and the administration, settlement, and distribution of the estate of deceased persons.

Justices of the peace have jurisdiction in civil actions where the amount in controversy, exclusive of costs, does not exceed two hundred dollars.

Va. FEES:

Acknowledgment before notary public, justice of the peace, or other officer: First person	$ .50
Each additional person	.25
Appeal: From Justice Court	1.50
From District Court, no special fee.	
Commencement of suit in District Court (which is also a court of record): Docket fee	5.00
Incorporation: Filing necessary papers for foreign corporations	4.50
To county clerk	1.00
Filing articles of incorporation	1.00
Recording the same, first folio	1.00
Each subsequent folio	.15
To county clerk	.25
Recording articles with county clerk, first one hundred words	.50
Each additional one hundred words or fraction thereof	.10
Certificate and seal to articles	1.00
Copy of articles, per folio	.15
Mandamus: No special fee.	
Probate: For issuing letters to executors, administrators, etc	2.00
Taking bond of executor, administrator, etc	1.00
Administering oath	.50
Recording will or other paper, and all copies of orders and other papers, per folio	.15
Each writ, summons or citation	.75
Recording assignments, per folio	.15
Protest	1.00
Each notice of protest	.50
Certificate and seal	.50
Record: Any deed or instrument, less than one hundred words	.50
Over one hundred words, for first one hundred 50 cents, and for each additional one hundred or fraction thereof	.10
Each entry on index or receiving book	.05
Abstracting deed for five entries or less	.50
Each additional entry	.10
Sheriff: Serving and returning any writ, process or notice, first person	1.00
Each additional person	.25
Serving attachment, order of arrest, order for delivery of property or injunction order	1.50
Executing writ of possession	3.00
Making levy	1.00
Commission on money collected on execution or other final process, where the same is collected without sale of property, first five hundred dollars, two per cent, for the second five hundred dollars, one per cent; for all over one thousand dollars, one-half of one per cent.	
Where collection is made upon a sale of the property: First five hundred dollars, four per cent; second five hundred dollars, two per cent; all over one thousand dollars, one per cent.	
Mileage	.15
Other fees for different services; fees largely contingent.	
Transcription; per folio, 10 to	.15
Witness: District Courts, per day	2.00
Justice Courts, per day	1.50
Mileage	.10

VI. DEEDS:

If executed within the State, must be so in the presence of one witness, who shall subscribe his name thereto as such. Want of record does not affect validity of deeds, except as against subsequent purchasers and incumbrancers. They should be acknowledged. Acknowledgments must be made before a judge or clerk of a court of record, or before a county clerk, notary public, justice of the peace, or United States court commissioner within this State. If made out of the State, before any officer authorized by the state or territory in which it is made to take acknowledgments, before the clerk of any court of record, or before any commissioner appointed by the Governor of this State for such purpose, provided that if such acknowledgment is not made before an officer having a seal, it must have attached thereto a certificate of the clerk of a court of record, or a county clerk of the same place, having a seal, certifying that the officer taking the acknowledgment is authorized to take the same, and that said clerk believes the signature appended to the acknowledgment is genuine. Every notary public, justice of the peace, and commissioner of deeds for Wyoming who takes an acknowledgment to any written instrument to be recorded in any public office in Wyoming, shall add to the certificate the date when his commission or term of office expires.

VII. DEPOSITIONS:

May be taken in this State before a judge or clerk of the Supreme Court, or judge or clerk of the District Court; a justice of the peace, notary public, or mayor or magistrate of a municipal corporation; or any other person authorized by law to administer oaths, or empowered by a special commission.

May be taken out of the State before a judge, justice or chancellor of any court of record, justice of the peace, notary public, mayor or chief magistrate of any municipal corporation, a commissioner appointed by the Governor of this State to take depositions, or any other person authorized by law to administer oaths, or any person authorized by a special commission from this State. Provided, that whenever a deposition is taken before an officer not having a seal, the jurat of such officer shall be accompanied by a certificate of the clerk of the county in which such deposition is taken, setting forth that the officer taking such deposition is in fact such officer, and that his signature to such deposition is genuine.

VIII. DESCENT:

The real and personal estate of an intestate descends and is distributed in parcenary to his kindred, male and female, subject to the payment of his debts, as follows:

If such intestate leave a husband or wife, and children, or the descendants of any children, one-half of such estate descends to such husband or wife, and the residue thereof to such surviving children and descendants of children. But if the intestate leave an estate exceeding ten thousand dollars in value, and leave a husband or wife, but no child, or descendants of children, three-fourths of such estate shall descend to the surviving husband or wife, and one-fourth to the father or mother of the intestate, or the survivor of them; but if the estate does not exceed in value the sum of ten thousand dollars, and the intestate leave no child, nor the descendants of any child, the whole of such estate shall descend to the surviving husband or wife.

In other cases the estate will descend as follows: To the children surviving, and the descendants of children who are dead (the descendants collectively taking the share which their parent would have taken if living); if there be no children nor their descendants, then to the father, mother, brothers and sisters, and to the descendants of brothers and sisters who are dead (the descendants collectively taking the share their parent would have taken if living), in equal parts; if there be no father, mother, brothers or sisters, nor descendants of deceased brothers or sisters, nor husband nor wife living, then the grandfather, grandmother, uncle, aunts and their descendants (the descendants taking as before), in equal parts.

IX. EMINENT DOMAIN:

Provision is made in the law for condemnation proceedings for the purpose of laying out public roads, railroads,

irrigating ditches, flumes, or telegraph lines; and also for the State, counties, and municipal corporations to acquire any real estate, including streets, alleys or public highways, as sites for public buildings, or for any other necessary public purposes. The State Constitution provides that private property shall not be taken for private use, unless by the consent of the owner, or taken or damaged for public or private use without just compensation, and that no person shall be deprived of property without due process of law.

X. EXECUTIONS:

Execution may issue immediately after judgment is rendered, and is returnable in sixty days from a court of record, and thirty days when issued by a justice of the peace. There is no stay law, except in Justices' Courts, and when the case is taken on error or appeal to a higher court.

XI. EXEMPTIONS:

Household furniture, provisions, etc., for head of family residing with same, to value of five hundred dollars; tools, team, implements or stock in trade of mechanic, miner, or other person, kept for his trade or business, to value of three hundred dollars; library and instruments of professional man to value of three hundred dollars; homestead actually occupied as such by head of family, in country, one hundred and sixty acres; in town, lot or lots in value not exceeding one thousand five hundred dollars; and necessary wearing apparel of every person to the value of one hundred and fifty dollars. The earnings of a judgment debtor are exempt to the amount of one hundred dollars where necessary to the use of a family supported wholly or in part by his labor. No property is exempt to a person removing or absconding from the State, and all persons claiming exemption must be actual, bona fide residents of the State. No article of property is exempt from attachment or sale on execution for its purchase price.

XII. INTEREST AND USURY:

In the absence of express contract, all moneys, claims, or judgments draw interest at the rate of eight per cent per annum. Any rate may be agreed upon in writing, not exceeding twelve per cent per annum. If any greater rate is agreed upon the lender forfeits all interest. Unsettled accounts draw interest after thirty days from date of last item.

XIII. JUDGMENTS:

Judgments are a lien on debtor's real estate within the county from the first day of the term at which judgment is entered, but judgments by confession and judgments rendered at the same term at which the action is commenced bind the debtor's real estate only from the time of entry, which lien continues for five years.

XIV. LIENS:

The law provides for liens of agistors and stable-keepers, common carriers and warehouse men, upon property entrusted to them to care for; also of mechanics and material men for labor and materials furnished for the construction or repair of buildings; and also a lien of mechanics, artisans or other persons who may make, alter, repair or bestow labor upon any article of personal property at the request of the owner or party having possession thereof. ("XVII. Miners' Liens.")

XV. LIMITATION:

On contracts not in writing, eight years; upon specialty or agreement in writing, five years; on all foreign judgments, or contracts made or incurred before debtor becomes a resident, within two years after he establishes residence in the State; recovery of lands, ten years. Revivor: Part payment or acknowledgment in writing.

XVI. MARRIED WOMEN:

A married woman retains her property, both real and personal; may make a will; carry on business; sue and be sued; and retain her own earnings in the same manner as if sole. She may also vote and hold office. There is no right of dower under the State law. In cases where an unmarried woman is appointed executrix or guardian her authority to act in either of those capacities is extinguished by her marriage. A married woman cannot be appointed administratrix.

XVII. MINERS' LIENS:

He who shall work, at the request of the owner thereof, on a vein or lode, mine or bank, shall have a lien thereon to the amount due, at any time when a demand shall be made upon such owner therefor and payment shall be refused.

Any person who shall labor as a mechanic or otherwise, or who shall furnish materials for erecting or constructing apparatus upon any mine shall also have a lien upon the mine for his reasonable charges.

Any person performing labor or furnishing materials shall have like liens upon oil territory upon which he labored or furnished materials, as miners or other laborers upon or in mines, as provided in this chapter.

Any sub-contractor, whose demand has not been paid, by giving notice to the owner and an attested account of his work performed and material furnished, is entitled to the amount of his claim out of the money due the contractor; and the owner shall thereupon notify the contractor, so that if there be any disagreement as to the true sum due, the account may be amicably adjusted. But if, within thirty days after the receipt of such notice, the contractor does not notify the owner that he intends to dispute the claim, he shall be considered as assenting to the demand, and the owner shall be justified in paying the sum when it becomes due.

All liens afore mentioned, in every case, shall hold not only against the owner of the mine, but against all persons who shall have purchased such mine.

Any person entitled to a lien under this chapter shall make an account in writing of the items of labor, skill, machinery or material furnished, and making oath thereto, shall within sixty days from the time of completion of said work or furnishment of said material, file the same in the office of the register of deeds of the county where the mine is located, with a correct description of the property, which account so made and filed shall for one year thereafter operate as a lien upon the described property. He may then proceed by civil action, and the lien shall continue until such suit or suits be finally determined. All persons claiming liens shall be made parties defendant, and their rights therein shall be determined by the court. Such action shall be brought in the county where said lien is filed. Service therefor may be had in any county in the State, or by publication if the owner or owners of the mine live out of the State, or being a corporation, has no office within the State. All lien claims for labor performed or material furnished shall be concurrent and paid pro rata out of the proceeds arising from the sale thereof.

XVIII. MORTGAGES:

Chattel mortgages are required by law to be executed and acknowledged in the same manner as are mortgages of real estate. They are required to be filed, but not recorded, in the office of the county clerk of the county where the mortgaged property is situated. The lien of the chattel mortgage continues until the indebtedness thereby secured, or the last installment thereof, becomes due, and for sixty days thereafter. After that time it continues in force as between the parties thereto, but it ceases to be valid as against the creditors of the mortgagee and as against subsequent purchasers, or mortgagees, in good faith. The chattel mortgage may be renewed by filing, during the said period of sixty days, an affidavit setting forth the amount still due and unpaid of the original indebtedness. This affidavit, when filed in the office of the county clerk, continues the lien of the mortgage in force for a period of one year, and a similar affidavit may be filed within thirty days next preceding the expiration of said period of one year, and each year thereafter, by means of which the lien of the mortgage is continued in force. Chattel mortgages are foreclosed by a sale of the mortgaged property, notice of which must be given by publication once each week for three successive weeks in a weekly newspaper published in the county in which the sale shall take place, or by posting notices in three public places in said county, if no newspaper is published therein. Contracts or leases providing for the sale of personal property, dependent upon conditions, are required to be in writing, signed by the vendee, or lessee, and filed in the office of the county clerk of the county where the property is.

Real estate mortgages must be attested by one witness, acknowledged and recorded in the manner provided by law for the execution and recording of deeds, and are foreclosed by action at law, or by advertisement for six weeks. Real property sold under foreclosure of mortgage, either by decree of court or by advertisement, may be redeemed within six months from the date of sale, upon payment of the amount for which the property was sold, and interest thereon at the rate of ten per cent per annum from the date of sale.

XIX. NOTES AND BILLS:

Notes and bills of exchange are subject to a State law which substantially enacts the law merchant. The first day of January, twenty-second day of February, thirtieth day of May, fourth day of July, the day appointed by the President of the United States or the Governor of the State as a fast or Thanksgiving Day, the twenty-fifth day of December, a day appointed by the Governor of the State as Arbor Day, and all days on which regular State and county elections are held are legal holidays.

XX. SUITS:

There is but one form of action, and the code of procedure is very similar to that of Ohio.

XXI. TAXES:

Taxes become due and payable on the third Monday in September in each year, and the taxpayer should pay the entire amount of his taxes after that time and before the thirty-first day of December following. In all cases where the tax is not paid on the thirty-first day of

December succeeding the levy thereof, the amount of the tax charged against any taxpayer so failing to pay such tax shall become delinquent from that day. A penalty of ten per cent on the amount unpaid is added to all taxes when they become delinquent. Delinquent taxes draw interest at the rate of twenty-five per centum per annum until paid or collected by distress and sale. Taxes upon real property are made a perpetual lien thereupon, and taxes due from any person upon personal property are a lien upon any real property owned by such person. Both personal and real property may be sold for taxes in the manner provided by law. Real property may be redeemed from tax sale at any time within two years after the sale, by payment of the amount for which it was sold, thirty per cent of the same, interest on the whole amount at the rate of twelve per cent per annum, and subsequent taxes.

XXII. WAGES:

Wages due to the employees of an insolvent debtor, who has made an assignment, for three months prior to the date of the assignment, constitute preferred claims against the estate of assignor and must be paid first. See "XI. Exemptions," in regard to earnings of a judgment debtor which cannot be garnisheed.

XXIII. WILLS:

Any will, to be valid, must be in writing or typewritten, witnessed by two competent witnesses, and signed by the testator, or by some person in his presence, and by his express direction; and if the witnesses are competent at the time of attesting the execution of the will, their subsequent incompetency, from whatever cause it may arise, shall not prevent the probate and allowance of the will. No subscribing witness to any will can derive any benefit therefrom, unless there be two other disinterested and competent witnesses to the same; but if without a will such witness would be entitled to any portion of the testator's estate, such witness may still receive such portion, to the extent and value of the amount devised. Wills are admitted to probate in the court of the proper county upon petition being filed, and after notice by publication for not less than ten, nor more than thirty days from the production of the will. Every custodian of a will, within thirty days after receipt of information that the maker thereof is dead, must deliver the same to the District Court having jurisdiction of the estate, or to the executor named in the will.

CORPORATIONS.

I. ORGANIZATION:

Three or more persons who may desire to form a company for the purpose of carrying on any kind of manufacturing, mining, chemical, macadamizing or mechanical business; constructing wagon roads, railroads, telegraph lines, ditches, building flumes, running tunnels, or carrying on any branch of business designed to add to the industrial or productive interests of the country, may make, sign and acknowledge, before some officer competent to take acknowledgment of deeds, duplicate certificates in writing, in which shall be stated: the corporate name, the object, the capital stock, the term of its existence (not to exceed fifty years), number of shares, the number of trustees and their names, and the names of the town and county in which the operations of said company shall be carried on; and shall file one of the said certificates in the office of the county clerk of each county wherein the business of the company is to be carried on, and one other in the office of the Secretary of State.

II. POWERS:

When said certificate is certified to by the Secretary of State it shall be evidence of the existence of such company, which shall be a body politic and corporate, and by its name have succession, be capable: of suing and being sued; of acquiring by purchase, pre-emption, donation or otherwise, holding or conveying by deed or otherwise any real or personal estate necessary to enable the said company to carry on the operations named in the certificate; of having, using and altering at pleasure a common seal, of appointing such officers and agents as may be necessary in its business; and of making by-laws, not inconsistent with existing laws for the regulation of its business.

III. TRUSTEES:

Not less than three nor more than nine trustees, who shall respectively be stockholders, and annually elected by the stockholders at such time and place as shall be directed by the by-laws, shall manage the property and concerns of the company. The elections shall be by ballot, and each stockholder shall be entitled to as many votes as he owns shares of stock. When a vacancy shall happen among the trustees it shall be filled for the remainder of the year as the by-laws provide. The failure to elect trustees shall not dissolve the company.

IV. BY-LAWS:.

The stockholders, if the certificate so provides, shall have the power to make by-laws for the management of the business affairs and disposition of the stock of the company, not inconsistent with the State laws.

V. CAPITAL STOCK:

The trustees may demand from the stockholders, respectively, all such sums of money by them subscribed as the trustees shall deem proper, the proportion thereof to be paid at one time, not to exceed ten per cent thereof per month, under the penalty of forfeiting the shares of stock subscribed for and all previous payments.

The stock shall be transferable as the by-laws prescribe. The company cannot use any of its funds in the purchase of stock in any other company, nor in its own; provided, however, that it may hold and own any stock to any amount in any other company that is or may be subsidiary to, and that does contribute to the objects and purposes of the first company named.

Full-paid stock may be issued for property. Any corporation may increase or diminish its capital stock to any amount which may be deemed sufficient and proper for the purposes of the corporation.

Any corporation may provide in its certificate of incorporation for the issuance and disposal of preferred stock which shall be entitled to dividends not exceeding seven per centum per annum in preference to all other stock. In cases of the liquidation of any corporation which shall have outstanding both common and preferred stock, the net assets of such corporation shall be distributed to all stockholders share and share alike.

VI. LIABILITY OF STOCKHOLDERS:

The stockholders shall be severally and individually liable to creditors to the amount of the unpaid assessments on capital stock held by them respectively for debts and contracts made by the company.

VII. ACCEPTANCE OF CONSTITUTION:

No corporation organized under the laws of the Territory of Wyoming, or any jurisdiction other than that of the State of Wyoming shall be permitted to transact business in the State until it shall have accepted the constitution of the State. Every acceptance of the constitution shall be filed and recorded in the office of the Secretary of State, who shall note on the margin of the record the corporation filing such acceptance, and the fact that the same is filed.

MINING.

I. MINING DISTRICTS:

In any mining district the miners may meet and organize, and elect a recorder and make regulations, not in conflict with the laws of the United States or this State, governing the location of, manner of recording and amount of annual work necessary to hold possession of claims, subject to the following requirements: 1. Any five miners owning in part or in whole claims within the proposed district shall give at least three written notices of a meeting called by them for organizing such district. 2. The meeting must be attended by at least ten persons, owning in part or in whole claims within the proposed district. 3. The recorder elected shall hold office until his successor is elected and qualified; he shall give bonds for at least one thousand dollars, which shall be approved by the Probate judge, and filed in the office of the county clerk. 4. When a district is once organized it cannot be subdivided, except in accordance with the local laws of the district, or by action of the Legislature. In case of abandonment the recorder shall deposit all records pertaining to his office in the office of the register of deeds of the county. 5. Each mining district may regulate the fees for recording certificates and other instruments. 6. The laws and records of each mining district shall be filed with the county register of deeds.

[Lode Claims.] II. LOCATION AND RECORD:

A discoverer of any mineral lead, lode, ledge or vein shall, within sixty days from the date of such discovery, cause such claim to be recorded in the office of the county clerk and ex-officio register of deeds of the county within which said claim may exist, by a location certificate which shall contain the following facts: 1. The name of the lode claim. 2. The name or names of the locator or locators. 3. The date of location. 4. The length of the claim along the vein measured each way from the center of the discovery-shaft, and the general course of the vein as far as known. 5. The amount of surface ground claimed on either side of the center of the discovery-shaft or discovery workings. 6. A description of the claim by such designation of natural or fixed objects, or, if upon ground surveyed by the United States system of land survey, by reference to section or quarter section corners, as shall identify the claim beyond question. Any certificate of the location of a lode or claim which shall not fully contain all the requirements named in the preceding section, together with such description as shall

identify the lode or claim with reasonable certainty, shall be void.

Before the filing of a location certificate in the office of the county clerk the discoverer of any lode, vein or lissure shall designate the location thereof as follows: 1. By sinking a shaft upon the discovery lode or fissure, to the depth of ten feet from the lowest part of the rim of such shaft at the surface. 2. By posting at the point of discovery, on the surface, a plain sign or notice, containing the name of the lode or claim, the name of the discoverer and locator, and the date of such discovery.

By making the surface boundaries of the claim, which shall be marked by six substantial monuments of stone or post, hewed or marked on the side or sides which face toward the claim and sunk in the ground, one at each corner and one at the center of each side.

The length of any mining claim located within the State shall not exceed fifteen hundred feet horizontally along such lode, vein or fissure as aforesaid; and the width shall not exceed three hundred feet on each side of the discovery-shaft.

An open cut which shall cut the vein ten feet in length, and with a face ten feet in height; or any cross-cut tunnel or tunnel on the vein ten feet in length which shall cut the vein ten feet below the surface, measured from the bottom of such tunnel, shall hold such lode the same as a discovery-shaft were sunk thereon. The discoverer of any mineral lode or vein shall have the period of sixty days in which to sink a discovery-shaft thereon.

III. RE-LOCATION:

In case an abandoned lode claim is re-located, such relocation shall be perfected by sinking a new discovery-shaft and fixing new boundaries in the same manner as provided for the location of a new claim; or the relocator may sink the original discovery-shaft ten feet deeper than it was at the time of its abandonment, and take new or adopt the old boundaries, renewing the posts or monument of stone if removed or destroyed. In either event a new location stake shall be fixed. The location certificate of an abandoned claim may state that the whole or any part of the new location is located as an abandoned claim.

When there is error in the original location certificate, or where it is desired to change the surface boundaries of the claim, such locator may file an additional location certificate in compliance with and subject to this act, provided such re-location shall not infringe upon the rights of others. No location certificate shall contain more than one claim or location.

[Placer Claims.] IV. LOCATION AND RECORD:

The discoverer of any placer claim shall, within thirty days after the date of such discovery, record such claim with the recorder of the mining district in which it is located, if such district be organized; and shall, within ninety days from the date of discovery, cause to be recorded such claim within the office of the recorder of deeds of the county within which said claim may exist, (1) a location certificate, which shall contain in each case the following facts: 1. The name of the claim, designating it as a placer claim. 2. The name or names of the locator or locators thereof. 3. The date of location. 4. The number of feet or acres thus claimed. 5. A description of the claim by such designation of natural or fixed objects as shall identify the claim beyond question.

Before filing such location certificate the discoverer shall locate his claim by: 1. Securely fixing upon said claim a notice in plain printed or written letters containing the name of the claim, the name of the locator or locators, the date of discovery, the number of feet or acres claimed. 2. Designating the surface boundaries by substantial posts or stone monuments at each corner of the claim.

ASSESSMENT WORK:

The annual assessment work shall consist of manual labor, permanent improvements made on claim by building flumes or ditches, made for the benefit of working such claim, or after any manner, so long as the work done contributes to the improvement of the claim, or shows good faith and intention on the part of the owner or owners, and their intention to hold possession of said claim.

On placer claims of an area of one hundred and sixty acres not situated in an organized district not less than one hundred dollars worth of assessment work shall be performed during each calendar year; and on every placer claim so located of less than one hundred and sixty acres, the amount of annual assessment work shall be at the rate of sixty-two and one-half cents per acre for each and every acre and fraction thereof; provided, that the total amount to be annually expended be in no case less than one hundred dollars.

When two or more placer claims lie contiguously and are owned by the same person or persons or corporation, the combined yearly expenditure of labor and improvements required upon each of said claims may be made upon any one of such contiguous claims if the owner or owners thus prefer.

When such placer claims are situated in an organized mining district, then the amount of assessment work and the manner of its accomplishment shall be regulated entirely by the district laws.

If the required assessment work is not done within the time provided by law, then the claim or claims upon which such work has not been completed are open to re-location on or after the first day of January in any year after such failure, if the original locators, or their representatives, have not resumed work upon such claim or claims after such failure, and before any subsequent location has been made.

The law provides that when the required assessment work has been done upon any mining claim an affidavit setting forth the facts thereof shall be recorded within thirty days after the completion of the work in the office of the recorder of the district in which said claim is situated, if within an organized district; or if not, such affidavit shall be filed for record in the office of the register of deeds of the county in which said claim is located, within sixty days after the completion of the work.

VI. PATENTS:

When any person has held and worked a placer claim in conformity with the laws of this State and the regulations of the mining district for five successive years after the first day of January succeeding the date of location, he shall be entitled to obtain a patent for his claim from the United States without performing further work; or, if he desires to obtain a United States patent before the expiration of five years from said date, he shall be required to expend work upon said placer claim to the value of at least five hundred dollars.

[General.] VII. WATER RIGHTS:

Any person mining or milling in the State shall have the right to bring water from mines or natural watercourses as their business interests may require, provided it shall not infringe on vested rights.

VIII. RIGHT OF WAY:

All mining claims shall be subject to the right of way of any ditch or flume for mining purposes, or of any tramway, pack trail or wagon road across such claim or property; provided, such right of way shall not be exercised against such property without the consent of the owner, except in condemnation, as in the case of land taken for public highways.

IX. MISDEMEANORS AND FRAUD:

Where there is collusion between any two or more persons for the purpose of obtaining possession of any mineral claim then in the actual possession of another, by force, threats or stealth, and they shall proceed to carry out such purpose, such persons so engaging shall be guilty of a misdemeanor; and upon conviction shall be fined a penal sum not exceeding twenty-five dollars, and be imprisoned in the county jail for not less than sixty days nor more than six months.

Any person who shall unlawfully destroy any mining property shall be guilty of a misdemeanor, and upon conviction thereof shall be fined a penal sum of money not less than fifty dollars nor more than one thousand dollars, or be imprisoned not less than thirty days nor more than one year, or both.

Any person who shall engage in any swindling, in relation to any mine or mining property, designed to cheat and deceive others for the purpose of gain, shall be guilty of a felony, and upon conviction thereof shall be fined any penal sum of not less than fifty dollars nor more than five thousand dollars, or imprisoned in the penitentiary for not less than thirty days nor more than three years, or both.

X. PROTECTION OF SHAFTS:

Any persons who have sunk mining-shafts upon any mining claim shall forthwith secure such shafts and openings against the injury of live stock running at large upon the public domain, by covering them in a manner to render them safe, or by making a strong fence around such shafts or openings aforesaid. Any person who shall fail to comply with this section shall be guilty of a misdemeanor and, upon conviction, shall be liable for damages sustained by loss of live stock thereby.

[Coal Mines.] XI. INSPECTION:

The Governor shall nominate a State Inspector of Coal Mines, who shall hold his office for two years, and until his successor is duly appointed and qualified. He shall be not less than thirty years of age, a citizen of the United States, and of temperate habits. He is authorized to procure such instruments and chemical tests as may be necessary to discharge his duties, at the cost of the State, subject to the approval of the Governor.

The inspector is required to devote the whole of his time to the duties of his office, which consist in part of examining the coal mines of the State as often as possible, and not less than once in three months; also to see that all the provisions of the laws relating to coal mines are observed and strictly carried out.

Provision is made for a trial in the District Court of the proper county of complaints which may be made against

said inspector for neglect of duties, incompetency or malfeasance in office, and if upon such examination the inspector is found to be guilty of the charge made the court or judge shall certify the same to the Governor, who shall thereupon declare the office of said inspector vacant.

Provision is also made for an appeal from the decision of the inspector to the District Court of the proper county in cases where the operator or mine owner shall not be satisfied with such decision, and the law further provides that the court shall hear and determine the matters in controversy as speedily as possible, which determination shall be final, subject only to an appeal to the Supreme Court of the State.

XII. MINING BOSS:

The owner or operator of any coal mine shall employ a competent and practical inside mining boss, who shall keep a careful watch over the ventilating apparatus, the drainage and traveling ways; he shall measure the air current at least once a week at the inside and outside, and shall keep a record of such measurements, which shall be open for examination by the State Inspector.

Provision is made for the appointment of an examining board by the District Court of any county, whose duty it shall be to examine any person applying thereto as to his competency and qualifications to discharge the duties of mining boss. Said board of examiners shall grant certificates to all persons whose examination shall disclose their fitness for the duties of mining boss. If the inspector becomes satisfied that any mine boss or fire boss is incompetent in the performance of his duties, he may request them to undergo re-examination before the examining board, and in the event of their refusing to undergo such examination he is authorized to cancel their certificate of competency and cause the same to become null and void.

XIII. MAPS:

Every operator of a coal mine shall cause to be made an accurate map of such coal mine, of a scale not to exceed two hundred feet to the inch, which shall exhibit all the openings, the direction of the air currents therein, and the boundary lines of said mine. Said map shall be kept at such mine for the use of the State Inspector of Coal Mines. Said operator shall, as often as once in every six months, accurately trace a plan of the excavations made, and of all the working places during the preceding six months, exhibiting clearly the parts abandoned, or parts in proximity to the boundary line. Said map will be the property of the State, and shall remain in the care of the Inspector of Coal Mines. If said inspector believes said plan to be inaccurate he may authorize a correct plan to be made at the expense of the operator of said mine.

XIV. MEASURES OF SAFETY:

No person shall work in any coal mine unless such mine is in communication with at least two openings, separated by a distance of not less than fifty feet. When a second opening is made, not to exceed seventy-five feet in vertical depth, it shall be set apart exclusively for ingress and egress; shall be clear of any obstructions, and shall not exceed an angle of sixty degrees in descent.

The hoisting machinery and stairs shall be kept in safe condition and inspected once in each twenty-four hours by one employed for that purpose.

The operator of any coal mine shall maintain therefor ample means of ventilation, affording not less than one hundred cubic feet of pure air per minute for each and every person employed in said mine.

Any workman who shall intentionally injure any mining apparatus or disobey any order given in carrying out the provisions of this chapter shall be deemed guilty of a misdemeanor.

The State constitution provides that no boy under the age of fourteen years, and no woman or girl of any age shall be employed or permitted to be in or about any coal, iron or other dangerous mines for the purpose of employment therein. Such persons may, however, if of suitable age, be employed in an office or in the performance of clerical work at such mine or colliery.

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Patten, H. B. (C. E.), Cheyenne, Wyo....
Patten, T. M. (C. E.), Sioux Falls, S. D..
Pearce, Giles Otis (As. and Min.), Colorado City, Colo. .....
Pearl, J. W. (C. E.), Benton Harbor, Mich.
Peele, Robert (M. E.), New York.....
Peirce, F. A. (C.E.& Sur.),Greensboro,N.C.
Pelton, Frank (C. E. and Sur.), Des Moines, Iowa .....
Pemberton, C. C. (Barrister), Victoria, B.C.
Penhale, Capt. Matthew (M. E.), Black Lake, Que. .....
Penrose, R. A. F., Jr. (Geol. and M. E.), Philadelphia, Pa. .....
Pettee, John W. (As.&Chem.),Denver,Colo.
Pettee, Wm. H. (Geol. and Min.), Ann Arbor, Mich. .....
Pew, Arthur (C. E.), Macon, Ga.....
Pierce, Geo. H.(C.&M.E.),Richmond, Que.
Pim, J. Phelps (C. E.), Portland, Ore.....
Platt, George (C. E.), Erie, Pa.....
Pocock, F. A. (M. E.), Pottsville, Pa.....
Porter, S. D. (As.& M. E.), Keystone, S.D.
Pratt, J. H. (C. & M.E.),Birmingham, Ala.
Prentiss, Geo. N.(Chem.),Milwaukee, Wis.
Preston, Ed. B. (M. E.), San F., Cal.....
Price, P. L. A. (C. E.), Kentville, N. S...
Priest, E. (C. E.), Nanaimo, B. C.....
Pushie, Joseph A. (M. E.), Halifax, N. S..
Ralston, S. H.(C.E. & Sur.),Pittsburg, Pa.
Ramsey, E. (M. E.), Birmingham, Ala....
Randolph, J. C. F.(A.M.,E.M.), New York.
Rannheine, S. E. (M. E.), New York.....
Rasor, C. M. (C. E.), Yellow Jacket,Idaho.
Ravenel, S. W. (C. E.), Boonville, Mo....
Raymond, R. W. (Met. & M.E.),New York.
Reese, Thos. W. (C. E.), Oroville, Cal.....
Reno, Jesse W. (Elec. & M. E.),New York.
Resor, W. (M. E.), Cincinnati, Ohio.....
Rhoades, I. P. & Co. (C. and Con. E.), Trappe, Pa. .....
Rice, F. A. (C. E. & Sur.), Alpena, Mich.
Rice, Geo. S. (M. E.), Ottumwa, Iowa....
Richards, Robt. H. (Met. and M. E.), Boston, Mass. .....
Richardson, J. (U.S.Sur.),Goldendale,Wash.
Rickard, T. A. (Met.&M.E.), Denver,Colo.
Rinearson, A. L. (Sur. and Ir. E.), Horseshoe Bend, Idaho.....
Rinfret, R. (C.E. & Sur.), Montreal, Que.
Roberts, F. C. (C. E.), Philadelphia, Pa..
Roberts, Chas. (C. & M.E.), Nacoochee,Ga.
Robertson, Jas. O. (M. E.), Canton, Ga....
Robinson, A. D. (C.M.E.),Rathdrum,Idaho.
Robison, Geo. M. (M. E. and U. S. Sur.), Morenci, Ariz. .....
Ropes, L. S. (M. E.), Franklin, N. C.....
Sanderson, J. (Chem.) Middleborough, Ky.
Sapp, H. (Sur.), Cheyenne, Wyo.....
Sargent, E. (C.&Con.E.),New Lisbon,Wis.
Schamberg, Meyer (Chem.), Ashland, Ky.
Schmitz, Emerich Joseph (C. and M. E.), New York .....
Schnitzel & Danckwardt(Assay.),Lead,S.D.
Schoew, G. L. (C.&M.E.), Bramwell, W.Va.
Scholz, C. (C. & M.E.), Mammoth, W. Va.
Schwartz, J.B.(Mg.Ex.),Crystal Falls,Mich.
Schweitzer, Dr. H. (Chemist), New York.
Scully, Dennis (C.E.&Sur.), Austin, Nev.
Seamon, W. H. (Geol. and Chem.), Socorro, N. Mex. .....
Secor, W. O. (C. and M. E.), Albuquerque, N. Mex. .....
Senn, George (Mg. Op.), San F., Cal.....
Seymour, John A. (C. E.), Bradford, Pa..
Shackleton, J. W. (C. E.), Chatham, Ont.
Shanly, J. M. (C. E.), Montreal, Que.....
Sharples, S. P. (As.&Chem.),Boston, Mass.
Sharpless & Winchell (Met., M. S.), Minneapolis, Minn. .....
Shaw, T. (Mech. E.), Philadelphia, Pa....
Shedd & Sarle (C. E.), Providence, R. I..
Sicklesteel, F. A. (C. E.), North Branch, Mich. .....
Siddell, W. F. (C. E. and Sur.), Chippewa Falls, Wis. .....
Sims, H. N. (Geol. and M. E.), Rockhill Furnace, Pa. .....
Skewes, Edw. (M.E.),Cripple Creek, Colo.
Skiff, F. M. (M. E.), Leadville, Colo.....
Skuse, R. H. (Arch.&C.E.),Savannah, Mo.
Slosson, Edw. E. (Chem.), Laramie, Wyo.
Smith, A. D. W. Smith (Geol. and M. E.), Wilkes-Barre, Pa. .....
Smith, E. A., A. M., Ph. D. (Geol.), University, Ala. .....
Smith, Frank A. (C. E.), St. Cloud, Minn.
Smith, Frank Clemes (Met. and M. E.), Rapid City, S. D.....
Smith, F. O. (C. E.), Bourne, Mass.....
Smith, Harry E.(Chemist), Milwaukee,Wis.
Smith, Jesse M. (Mech. E.), Detroit, Mich.
Smith, Oberlin (Mech. E.), Bridgeton, N. J.
Smith, Orville (Sur.), Wellington, Kan....
Smith, W. L. G. ((M. E. and U. S. Dep. Sur.), Leadville, Colo.....
Smythe, W. R. (C.E.&Sur.),Madison, S.D.
Snell, E. S. (C. E. and U. S. Sur.), Colorado Springs, Colo. .....
Sonnemann, Geo. A. (M.E.), Kellogg,Idaho.
Sperr, F. W. (C. & M. E.),Houghton,Mich.
Staples, C. E. (C. E. and Sur.), Cape Elizabeth, Me. .....
Stebbins, Dr. J. H., Jr. (Chem.),New York.
Steinhagen, Gustav (C. E. and Sur.); Milwaukee, Wis. .....
Stevens, M. (Chem.& Met.), Newport, Pa.
Stevenson, C. C. (C. E.), Boise, Idaho....
Stevenson, D. O. (C. E.), Boise, Idaho....
Stevenson, R. (M. E.), San Francisco, Cal.
Stewart, J. A. (C. E.), Cincinnati, Ohio...
Stickney, C. W. (M. E.), Ketchum, Idaho.
Stoek, H. H. (Met.&M.E.),State College,Pa.
Stoems, W. H. (M. E.), San F., Cal.....
Stonestreet, Geo. D. (M. E.), Johannesburg, South Africa.....
Stow, A. H. (C. & M. E.), Matewan, W.Va.
Strout, Richard (C. E.), Emporia, Kan....
Struthers, Joseph (Chem.), New York....
Stutz, S. (Mech. and M. E.), Pittsburg, Pa.
Sutton, L. B. (M.E.), Iron Mountain,Mich.
Symington, R. B. (C. and M. E.), San Francisco, Cal. .....
Taft, S. C. (C. and M. E.), Franklin, Mass.
Tappan, Chas. (C. and M. E.), Livingston, Mont. .....
Taylor, Jno. M. (C. E.), Idaho Falls, Idaho.
Taylor, N. Y. (Sur.&C.E.),Litchfield,Minn.
Taylor, S. A. (C.&M.E.), Wilkinsburg, Pa.
Teed, A. J. (C. E.), Cadillac, Mich.....
Teskey, J. A. & Sons (C. E. and Sur.), Wilmot, Mich. .....
Textor, O. (As. and Met.), Cleveland, Ohio.
Thacher, E. (C. E.), Detroit, Mich.....
Thayer, L. F. (C. E. and Sur.), Westfield, Mass. .....
Thibaudeau, W. (C. H. and M. E.), New Westminster, B. C.....
Thompson, Jas. R. (M.E.),Ironwood,Mich.
Thompson, W. L. (Sur.), Manson, Iowa...
Thorpe, C. M. (C.E.&Sur.),Bozeman,Mont.
Thurman, Albert Lee, Columbus, Ohio...
Tilden, B. P. (C.&M.E.),Jamestown, N. D.
Tindall, Wm. F. (As. and Met.), Rapid City, S. D. .....
Toulmin, P. (M. E.), Coalburg, Ala.....
Train, Percy (As. and Min.), Helena, Mont.
Trask, Geo. R. (C.&M.E.), Wallace, Idaho.
Tripp, O. H. (C. E.), Rockland, Me.....
Ure, F. J. (C. E. & Sur.), Woodstock, Ont.
Van Antwerp, E. H. (C. E. and Sur.), Yankton, S. D. .....
Van Denbergh, F. P. (Chem.), Buffalo,N.Y.
Van Deventer, H.F.(M.E.),Knoxville,Tenn.
Van Sant, R. L. (C. E.), St. Louis, Mo....
Van Wagenen, T. F. (M.E.),Telluride,Colo.
Viggers, Wm. (M. and Mech. E.), Durango, Mex. .....
Von Ringharz, Theo. (Geol. and M. E.), Middletown, Va. .....
Wallace, W. R. (M. E.), Auburn, Cal.....
Walton, C. W. (C. E.), Detroit, Mich.....
Warriner, S. D.(Mech.E.),Wilkes-Barre,Pa.
Washington, Wm. D. H. (C. and M. E.), New York .....
Waters Bros. (M.&Mech.E.),Denver, Colo.
Waters, J. A. R. (M. E.), Denver, Colo...
Waters, Thos. J. (M. E.), Denver, Colo....
Watts, W. L. (Chem. and As.), San Francisco, Cal. .....
Weber, W. T. (C. E.); Corvallis, Ore.....
Weed, Walter Harvey (Geol.), Helena, Mont. .....
Weedin, B. D. (C.E.&Sur.), Lexington,Mo.
Weld, E. J. (M. E.), Meyersdale, Pa.....
Welsh, H. F. (M. E.), Middleborough, Ky.
Wendel, C. W. (C. E. and U. S. Sur.), La Porte, Cal. .....
Weston, W. (M. E.), Cripple Creek, Colo.
Whatley, Edgar T. (M. E. and Geol.), Santa, Ga. .....
Wheeler, B. S. (Sur.), Iroquois, S. D.....
Wheeler, H. A. (M. E.), St. Louis, Mo....
Wheeler, H. V. (C. E.), Helena, Mont.....
Whinnerah, R. (C. and M. E. and U. S. Min. Sur.), Ouray, Colo. .....
Whitney, H. K. (Sur.), Battle Creek, Mich.
Wight, R. G. (Sur.), White Sulphur Springs, Mont. .....
Wight, W. W. (C. E.), Natick, Mass.....

ENGINEERS, ASSAYERS—Cont'd.

Wilhelm, H. W. (C. E.), Toledo, Ohio.....
Wilkes, John (C. E.), Nashville, Tenn.....
Wilkes, L. E. (Sur.), Hillsboro, Ore.....
Wilkins, O. (M. and C. E.), Brazil, Ind....
Wilkinson, T. L. (Mech. E.), Denver, Colo.
Williams, G. S. (C. E.), Detroit, Mich...
Willson, A. (M. E.), Radersburg, Mont...
Wilson, Albert D. (C. E. and Sur.), Deadwood, S. D.....
Wilson, J. A. (C. E.), Philadelphia, Pa..
Wilson, W. A. (M. E.), Salt L. City, Utah.
Winchell, H. V.(M.E.), Minneapolis, Minn.
Winslow, Arthur (Geol. and Exp't), St. Louis, Mo. ....
Wishon, W. W. (M. E.), Butte, Mont.....
Wittingley, R. X. (M. E.), San F., Cal....
Woliston, R. T. (As.&Met.),Elkhorn,Mont.
Womelsdorff, P. E.(M.E.),Philipsburg, Pa.
Wood, Henry E. (As.), Denver, Colo.....
Wood, W. P. and A. B. (C. E. and Sur.), Tacoma, Wash. .....
Woodring, J. (C. & M.E.),Sandy Run, Pa.
Woods, D. S. (C. & Hy. E.), Barstow, Tex.
Wuensch, A. F. (M. E.), Denver, Colo...
Wulsten, Carl (C. & M. E.), Rosita, Colo..
Wyer, Geo. F. (C. E.), Wellfleet, Mass....
Wynn, Geo. W. (C. and Hy. E.), Cedar Rapids, Iowa .....
Zelle, Wm. C. (M E.), Ouray, Colo.....

ALPHABETICAL LIST

— OF —

MINING AND QUARRYING COMPANIES AND OPERATORS

[CLASSIFIED ACCORDING TO PRODUCTS.]

Giving Name of Company, Owner or Operator and Post Office Address.

ALUMINUM:

Canadian Aluminum Co., Montreal, Que..
Cowles Electric S. & Aluminum Co., Lockport, N. Y.....
Georgia Bauxite & Mg. Co., Pittsburg, Pa.
Idaho Aluminum Mg. & Mfg. Co., Rathdrum, Idaho .....
Pacific Coast Aluminum Co., San F., Cal..
Southern Bauxite Mg. & Mfg. Co., Wilmington, Del. .....
U. S. Aluminum Metal Co., Boonton, N. J.

ANTIMONY:

Peavine Antimony Mg. Co., Peavine, Nev.
Shriver, Geo., Hollister, Cal.....
Sumner & Brown, Kernville, Cal.....
Sutherland, Jas., New York.....
U. S. Antimony Co., Philadelphia, Pa....
Van Reed, W. A., Bernice, Nev.....

ASBESTOS:

Amenian As. Co., Coleraine Sta., Que.....
American Asbestos Co., Black Lake, Que.
American As. Co., Ltd., Wertheims Mines, Que. .....
Anglo-Canadian As. Co., Montreal, Que.
Asbestos Club, Black Lake, Que.....
As. Co. of Newf'd, Port-au-Port Bay, N.F.
Asbestos Mining Co., Quebec, Que.....
Asbestos Pulp Co., Rochester, N. Y.....
Beauce As. Co., St. Francois, Que.....
Beaudoin, Veasy & Williams, Broughton Sta., Que.....
Beaver As. Co., Sherbrooke, Que.....
Bells Asbestos Co., Thetford Mines, Que..
Bergeron, A. O., Wolfstown, Que.....
Black Lake Mg. Co., Desjardins, Que.....
British Am. Land Co., Sherbrooke, Que...
Cagne, Alf., West Broughton, Que.....
Gallatin Asbestos Mg. Co., Bozeman, Mont.
Glasgow & Montreal Asbestos Co., Black Lake, Que. .....
Halifax Asbestos Co., Halifax, N. S.....
Hall & Price, Broughton Station, Que....
Hoff Asbestos Mfg. Co., Elsinore, Cal....
Hopper & Co., Montreal, Que.....
International Asbestos Mg. & Mfg. Co., Ltd., Newark, N. J.....
Jeffery, W. H., Danville, Que.....
Johnston & Co., Thetford Mines, Que.....
King Bros., Quebec, Que.....
Lamley & Co., Coleraine, Que.....
Laurier Mining Co., Arthabaskaville, Que.
Luke & Mitchell, Sherbrooke, Que.....
Mitchell, J. S. & Co., Sherbrooke, Que...
Montreal Asbestos Co., Coleraine, Que....
Newfoundland Mining Syndicate, Ltd., Blenheim House, Southampton, Eng....
Pacific Asbestos Co., Los Angeles, Cal....
Reed Asbestos Co., Reedsdale, Que.....
Reed, Dr. James, Reedsdale, Que.....
Richmond Slate Quarrying & Mfg. Asbestos Co., Richmond, Que. .....
Slater, W. & Co., Ltd., Montreal, Que..
Standard Asbestos Co., New York.....
Ste. Iulve Asbestos Co., Desjardines, Que.
Thetford Asbestos Mg. Co., Thetford, Que.
Tremblay, A., Black Lake, Que.....
United Asbestos Co., Black Lake, Que.....
Webb, Chas., Asbestos, Que.....
Whiting, F. H., Denver, Colo.....

ASPHALT:

Alcatraz Asphaltum Mg.Co.,Carpentina,Cal
Assyrian Asphalt Co., Chicago, Ill.....
Breckenridge Asphalt Co., Garfield, Ky...
California Petroleum & Asphalt Co., San Francisco, Cal.....
Colorado Asphaltum Co., Grand Junction, Colo. .....
Gilson Asphaltum Co., St. Louis, Mo....
Guild, Chas. & Sons, Piedmont, Wyo.....
Hancock, Mrs. I., Los Angeles, Cal.....
Mylan Asphalt Co., King City, Cal.....
Pacific Asphalt Co., Chicago, Ill.....
Punta Gorda A. & P. Co., Santa Barbara, Cal. .....
St. Louis Gilsonite Asphaltum Co., St. Louis, Mo. .....
San Luis Obispo Bit. Rock Co., San Francisco, Cal. .....
Santa Barbara Co., La Patera, Cal.....
Santa Cruz Rock Pav.Co.,Santa Cruz, Cal.
Santa Maria Asphalt Co., Santa Maria,Cal.
Sisar Oil & Asphalt Co., Hueneme, Cal...
Tar Springs Asphalt Co., Los Angeles, Cal. .....
Tovey, R., Rangely, Colo.....
Ventura Asphalt Co., San Francisco, Cal.

BARYTES:

Duluth Barytes Co., Duluth, Minn.....
Glen Mills Barytes Co., Marion, Va.....
Hawkins & McGready, Blackwell, Mo....
Marshall, R. M., Osage City, Mo.....

BORAX:

Columbus Borax Co., New York.....
Desert Borax Co., White Plains, Nev.....
Nevada Salt & Borax Co., Belleville, Nev.
Nevada Salt & Borax Co., San F., Cal.....
Pacific Coast Borax Co., San F., Cal.....
Salt Wells Borax Co., Independence, Cal..
San Bernardino Borax Mining Co., San Francisco, Cal. .....

CEMENT:

Acme Cement Plaster Co., Quanah, Tex..
Agatite Cement P. Co., Kansas City, Kan.
Alano Cem. Co., San Antonio, Tex.....
Allan Cement Works, Seigfried's Bridge, Pa. .....
American Cem. Co., Philadelphia, Pa....
American Imp. Cement Co., Egypt, Pa....
Ashland Lime, Salt & Cement Co., Ashland, Wis. .....
Battle, Est. of John, Thorold, Ont.....
Boston Rubien Cement Co., South Natick, Mass. .....
Bremner, A., Montreal, Que.....
Burns & McCormack, Toronto, Ont.....
California Portland Plaster Cement Co., Los Angeles, Cal. .....
Carroll, Robt., Toronto, Ont.....
Carroll & Vick, Toronto, Ont.....
Catasauqua Cement Co., Coplay, Pa.....
Collins, C. G., Toronto, Ont.....
Columbia Paving Co., Minneapolis, Kan..
Coplay Cement Co., Coplay, Pa.....
Couffer & Sultzaberger, Steelton, Pa.....
Crittenden, M. H. & Son, Minneapolis, Kan.
Currie, W. A. & F. P. Co., Montreal, Que.
De Leon Springs Co., De Leon Spgs., Fla.
Diamond Portland Cem.Co.,Cleveland,Ohio.
Dow, H. & I., Hamilton, Ont.....
Eclipse Cement Co., Philadelphia, Pa....
Edgar, I. & T., Three Brooks, N. B.....
Edwards, Thos., Milton, Mass.....
English Port. Cement Co., Montreal, Que.
Excelsior Cement Co., Milford, Mass.....
Gauvreau, T. A., Quebec, Que.....
Georgian Bay Portland Cement Co., Owen Sound, Ont. .....
Globe Cem. & L. Co., Wheeling, W. Va..
Halliwell, T., Cem. Co., Kansas City, Kan.
Hathaway, C. L. & Son, Lynn, Mass.....
Hercules Cement Co., Catasauqua, Pa....
Imperial Port. Cement Co., Montreal, Que.
Indiana Cement Co., Jeffersonville, Ind..
Johnson, J. G., Benicia, Cal.....
Keystone Cement Co., Coplay, Pa.....
Knowlton, W. H., Toronto, Ont.....
Lawrence Cement Co., Philadelphia, Pa..
Lewis, D. W., Boston, Mass.....
Lucas, John, Toronto, Ont.....
Lynn Cement Co., Lynn, Mass.....
McLaren, H. & Co., Montreal, Que.....
McLean, A., Toronto, Ont.....
Mankato Cement Works, Mankato, Kan..
Mayer, Oscar, Oakland, Cal.....
Meng, A. & Co., Philadelphia, Pa.....
Morgan, T. M., Long Point, Que.....
Morris, Ebert, Philadelphia, Pa.....
Morris, E. D., Toronto, Ont.....
Napanee Cement Works, Deseronto, Ont.
Nute, Andrew, Boston, Mass.....
Owen Sound Portland Cement Co., Owen Sound, Ont. .....
Parent, Jean B., Quebec, Que.....
Portland Cement Co., Minneapolis, Kan..
Queenston Cement Quarries, Thorold, Ont.
Ridgemont Cem.& Mfg.Co.,Ridgemont,Va.
Sawyer, H., Cookshire, Que.....
Sparhala Fire Proof Roofing Cement Co., Montreal, Que. .....
Stornell Cement Pipe Co., Los Angeles,Cal.
Stubbs, G. W. & Sons, Dallas, Tex.....
Tazewell C'm't Lime Co., Tazewell, Tenn.
Tegeler, Gustav, Boston, Mass.....
Tomeler & McVittie, Galveston, Tex.....
Twin City Cement Co., Minneapolis, Kan.
Victor Mfg. Co., Newburyport, Mass.....
Virginia L. & Cem. Co., Christiansburg,Va.
Waldo Bros., Boston, Mass.....
Western Port. Cement Co., Yankton, S. D.
Western Portland Cement Co., Yorktown, Kan. .....
Whitney, E. A., Waterville, N. B.....
Williams, Geo., Minneapolis, Kan.....
Wood, Geo. H. & Co., Boston, Mass.....
Wright, C. B., Hull, Que.....

COAL:

Abberly, J., Pottstown, Ill.....
Abbott Coal Co., Miners Mills, Pa.....
Abbey, J., Hanson, Ky.....
Aberdeen, C. & Mg. Co., Morgantown, Ky.
Aberdusky, J., Fairview, Ill.....
Abney, E., Orlando, Ky.....
Acadia Coal Co., New York.....
Acadia Coal Co., Ltd., Stellarton, N. S....
Ackers, R., Boon's Camp, Ky.....
Ackman, H., King's Creek, Ky.....
Acme Coal Co., Des Moines, Iowa.....
Acme Coal Co., Opeskiska, W. Va.....

COAL—Continued.

Acme Coal Co., Dayton, Ohio
Acme Coal Co., Philadelphia, Pa
Acme Coal Co., S. Prairie, Wash
Acme Coal Co., Streator, Ill
Acme Coal Mg. Co., Denver, Colo
Acme Coal & Mg. Co., Des Moines, Iowa
Acme Mining Co., Rimersburg, Pa
Ada Coal Co., Glenroy, Ohio
Adams, Chas., New Market, Iowa
Adams, C. S., Sandy Hook, Ky
Adams, David T., Leonard, Ala
Adams, H. C., New York
Adams, J., Jeremiah, Ky
Adams, M., Whitesburg, Ky
Adams & Co., Philipsburg, Pa
Adamson, W. H., La Veta, Colo
Adamston C. & C. Co., Clarksburg, W. Va.
Adkins, J. M., Williamsburg, Ky
Adkins, O. W., Riddle, Ky
Adkins, P., Rockhouse, Ky
Adleman, E. W., Toby, Pa
Advance Coal Co., Marissa, Ill
Advance Coal Co., Wilkes-Barre, Pa
Aetna Coal Co., Jackson, Ohio
Aetna Coal Co., Pittsburg, Ky
Aetna Mill Co., Bridgeport, Ohio
Agogebic Exp. Mg. & Mfg. Co., Milwaukee, Wis
Aikman, D., Chavies, Ky
Aisil, J. C., Creola, Ohio
Aitken, T. D., Bradford, Ill
Ajax Coal Mg. Co., Boulder, Colo
Akers, Artey, Laynesville, Ky
Akron Coal Co., Akron, Ohio
Ala. Connellsville C. & C. Co., Connellsville Mines, Ala
Ala. Cons. Mg. Co., Talladega, Ala
Alabama I. Hospital, Tuscaloosa, Ala
Alano Coal Co., New York
Alaska Coal Co., San Francisco, Cal
Alaska C. & C. Co., Claremont, W. Va
Alamo Coal Mg. Co., Alamo Mills, Tex
Alaska Summit Coal Co., Boston, Mass
Alberta Ry. & C. Co., Lethbridge, N. W. T.
Albertson & Co., Drummond, Mont
Albion Coal Co., Philipston, Pa
Albion Mining Co., Rimersburg, Pa
Albrey, Humphrey, Cleveland, Ohio
Albright Coal Co., Cleveland, Ohio
Albright Coal Co., Pottsville, Pa
Alden Coal Co., Alden Station, Pa
Alden Coal Co., Clinton, Iowa
Alden Coal Co., Gilchrist, Ill
Aldridge Bros., Danville, Ill
Alexandria Coal Co., Philadelphia, Pa
Alexander, C., Givens, Iowa
Alexander, F., Arrow Rock, Mo
Alexander, H., Petersburg, Ind
Alexander, Jas., Byrdstown, Tenn
Alexander, Jas. H., Zanesville, Ohio
Alexander, J. J., Huntington, Ark
Alexander, J. P., Dawson, Ky
Alexander, Tom, Staunton, Ind
Alexander, T. J., Monticello, Ky
Alexander & Borrowman, Huntingburg, Ind.
Alfultisch & Walker, Yankeetown, Ind
Algoma C. & C. Co., Algoma, W. Va
Algonquin Coal Co., Wilkes-Barre, Pa
Alison, Jonathan, Washington, Pa
Allegheny & Clearfield Coal Co., New York
Allegheny Trading Co., Clifton Forge, Va.
Allen, A., Alphoretta, Ky
Allen, A. C., Laurel Creek, Ky
Allen, A. M., Delaware, Ky
Allen, B. T., Tanksley, Ky
Allen, D., Alphoretta, Ky
Allen, F. L., Liberal, Mo
Allen, G., Salyersville, Ky
Allen, J., Algonquin, Ohio
Allen, J., Roodhouse, Ill
Allen, James B., Riddlesburg, Pa
Allen, John, Peoria, Ill
Allen, John, Oakdale, Pa
Allen, Levi, Treadway, Ky
Allen, M., Swampton, Ky
Allen, R., Swampton, Ky
Allen, S., Gypsy, Ky
Allen, S. C., Gypsy, Ky
Allen's, S., Son, Delroy, Ohio
Allen, T. K., Craig, Mo
Allen, Wm., Oakdale, Pa
Allen, Wm., Gypsy, Ky
Allen, W. A., Rothwell, Ky
Allen, W. J., Cat Creek, Ky
Allen, Wm. P., Marion, Ill
Allen, W. S., Rousseau, Ky
Allen, W. W., Colfax, Iowa
Allen Coal Co., Cleveland, Ohio
Allen Coal Co., Pittsburg, Pa
Allen & Nelson, Pleasant View, Ill
Allender, Thos., Shirland, Pa
Alley, J. P., White Post, Ky
Alley, N. B., Yorktown, Kan
Alley, P. N., White Post, Ky
Alley, Thos., White Post, Ky
Alliance Coal Co., Philadelphia, Pa
Alliance Mg. Co., Silver Creek, Pa
Allison, A. A., Waynesburg, Pa
Allison Bros., Loding, Ill
Allison, Elmer, Danville, Ill
Allison, J. T., Co., Sackville, N. B
Allison, Wm., Loding, Ill
Allord, Oliver, Albany, N. Y
Alloway, Newton, Waterfall, Pa
Alloway, Wm., Waterfall, Pa
Allport Coal Co., Philipsburg, Pa
Alma Coal Co., Glenroy, Ohio
Alma C. & C. Co., Matewan, W. Va
Alms, Jos., Clarksburg, Pa
Almsworth & Laizin, Dennison, Ohio
Alpers, A. L., New York
Alps Coal Co., Pittsburg, Pa
Alsip, Robt., Youngs Creek, Ky
Alta Coal Co., Palmer, Wash
Altamont Coal Co., Altamont, Ky
Atlas Coal Co., Philadelphia, Pa
Alton S. & F. B. Co., East Alton, Ill
Altoona Coal Co., Pulaski, Va
Altoona C. & C. Co., Altoona, Pa
Alward, Frank, Canton, Ill
Ambrose, B. P., Conkling, Ky
Amburgey, A. J., Buncombe, Ky
Amburgey, W. F., Buncombe, Ky
Amburgey, W. J., Buncombe, Ky
American Coal Co., Barton, Md
American Coal Co., Daysboro, Ky
American Coal Co., Knoxville Jct., Iowa
American Coal Co., Lonaconing, Md
American Coal Co., New York
American Coal Co., Oskaloosa, Iowa
American Cannel Coal Co., Cannelton, Ind.
American C. & C. Co., America, Ala
American Coal Mg. Co., Strawn, Tex
Amer. Comc'l League C. Co., K. City, Kan.
American Fuel Co., Joplin, Mo
Ames, Miner T., Est., Chicago
Amherst Coal Mg. Co., Maccan, N. S
Amick, Mat, Coal Run, Ky
Amon, Jacob, Carbon, Iowa
Amos, Henry, Deemston, Pa
Amyville Yough. Coal Co., Pittsburg, Pa.
Anchor Coal Co., Centerville, Iowa
Anchor C. & Dev. Co., San Francisco, Cal.
Anders, J. & Bro., Mont Eagle, Tenn
Anderson, Ben, New Market, Iowa
Anderson, C., Shady Plain, Pa
Anderson, C. T., Pittsburg, Pa
Anderson, D. M., Venetia, Pa
Anderson, E. H., Ashland, Ky
Anderson, E. M., Burning Springs, Ky
Anderson, G. M., Huntington, Ark
Anderson, Jas., Sewanee, Tenn
Anderson, Jas. A., Byesville, Ohio
Anderson, J. D., Laddonia, Mo
Anderson, J. F., Staunton, Ind
Anderson, John, Star, Iowa
Anderson, John, Sewanee, Tenn
Anderson, J. W., Sewanee, Tenn
Anderson, Nels, Minot, N. D
Anderson, N. A., Wataga, Ill
Anderson, O., Crockettsville, Ky
Anderson, S., Coal Hill, Pa
Anderson, Samuel, Evans, Colo
Anderson & Urban, Tara, Iowa
Andrews Bros. Co., Haselton, Ohio
Andrews, John, Clay City, Ind
Andrews, J. A., Boomer, Mo
Andrian Coal Co., Vandalia, Mo
Andrian Mfg. & Coal Co., Vandalia, Mo.
Angel Coal Co., Monero, N. Mex
Anglin, S., Orlando, Ky
Anglo-Amer. Cot. Mg. & C. Co., Kansas City, Mo
Angus Coal Co., Angus, Iowa
Angus C. & M. Co., Perry, Iowa
Anyx, J. B., Daysboro, Ky
Anyx, J. H., Hazel Green, Ky
Anthracite, Dora, Mt. Solon, Va
Anneston Coal Co., Barsboro, Pa
Anniston L. & C. Co., Anniston, Ala
Annora Coal Co., Wilkes-Barre, Pa
Annott & Lanyon, Pittsburg, Kan
Anthony Coal Co., Barton, Md
Anthony, R. M., Frostburgh, Pa
Anthony, W. W., Coal Co., New York
Anthracite Coal Co., Anthracite, N. W. T.
Anthracite Coal Co., Philadelphia, Pa
Appanoose Coal Co., Cincinnati, Iowa
Appanoose Coal & Fuel Co., Ottumwa, Ia.
Applegarth, Robt., Martins' Ferry, Ohio
Arbuckle C. & Mg. Co., Pendleton, Ore.
Archbald, Edwin, Morgan, W. Va
Archbald, John, Evansville, Ind
Argyle Coal Co., South Fork, Pa
Ark. C. & F. Clay Mg. Co., St. Louis, Mo.
Arkwright, J., Shafers, Pa
Arlington C. & C. Co., McDowell, W. Va
Armaghost, S., Scrubridge, Pa
Armitage, E., Exeter, Ill
Arms, W. B., Barnetts Creek, Ky
Armstrong, F., Woodville, Pa
Armstrong, Thos., What Cheer, Iowa
Armstrong Coal Co., What Cheer, Iowa
Armstrong & Co., Pittsburg, Pa
Armstrong, Kunst & Watson, Simpson, Wash
Arnett, H. P., Hendricks, Ky
Arnett, J. G., Whitakersville, Ky
Arnett, P., Salyersville, Ky
Arnold, G., Victoria, Ill
Arnold, J. A., Horse Branch, Ky
Arnold, J. E., Rumsey, Ky
Arnold, Wm., Peoria, Ill
Arnold, Hartwell & Co., Norborne, Mo
Arnold & Stephenson, Minersville, Ohio
Arnott, C. L., C. Co., Cedar Rapids, Iowa.
Arona Gas Coal Co., Darragh, Pa
Arron Mg. Co., Mayton, W. Va
Arrowwood, Geo., Ward City, Ky
Arthur Coal Mg. Co., Arthur, Mo
Ashbaugh, H. C., St. Petersburg, Pa
Ashcroft, John, Philipsburg, Pa
Asher, Daniel, London, Ky
Asher, J., Hyden, Ky
Ashland Coal Co., Ashland, Ill
Ashland Coal Co., Coalport, Ky
Ashland C. & C. Co., McDowell, Wash
Ashland C. & I. Co., Rush, Ky
Ashland C. & I. R. R. Co., Ashland, Ky
Ashton Coal Co., Bryant, Ill
Ashville Coal & Mg. Co., Ashville, Pa
Assumption C. & Mg. Co., Assumption, Ill.
Astoria Coal & Mg. Co., Astoria, Ill
Atcheson Coal Co., Pittsburg, Pa
Atcheson Coke Co., Dunbar, Pa
Atcheson, Thos., East Palestine, Ohio
Aten, Geo., Wellsville, Ohio
Aten, Wm., Victoria, Ill
Athens Coal Co., Marietta, Ohio
Athens Coal & Mg. Co., Athens, Ill
Atkeson, D. M., Salyersville, Ky
Atkins, Edward, Forestdale, Ohio
Atkins, D. J., Wooster, Mo
Atkins, J. B., Little Sandy, Ky
Atkinson, H. R., Hazen, N. D
Atkinson, Lewis, Colchester, Ill
Atkinson, Mathew, Kewanee, Ill
Atkinson, M., & Sons, Edwardsville, Ind
Atlantic Coal Mines, Western Port, Md
Atlantic & George's C. Con. C. Co., Atlantic, W. Va
Atlas Coke Co., Uniontown, Pa
Atoka C. & Mg. Co., St. Louis, Mo
Attalla Mg. & Mfg. Co., Chattanooga, Tenn.
Atwater, F. S., Cleveland, Ohio
Atwell, J. L., Confidence, Iowa
Auburn Coal Co., Auburn, Ill
Augle Colliery, Maybeury, W. Va
Augusta Coal Co., Augusta, Ill
Aukenan, Philip, Lycippus, Pa
Aukerman, S., Youngstown, Pa
Auld, David, Canton, Ill
Auld, Robt., Salem, Ohio
Aulta Coal Co., Coal Hill, Ark
Auman, Eli, Staunton, Ind
Aure, J. F., Slater, Mo
Aurora Coal Co., South Fork, Pa
Aurora Colliery, Palatine, W. Va
Austin C. & C. Co., Austin, W. Va
Austin Coal Co., Scranton, Pa
Austin, S., Ulysses, Ky
Avent Beattyville Coal Co., Beattyville, Ky.
Averill, John, Colchester, Ill
Avery, Abram, Marion Centre, Pa
Avery, Edward, Freeburg, Ill
Avery, Wm., Birkner, Ill
Avery & Randall, Birkner, Ill
Avoca Coal Co., Avoca, Pa
Avondale Mg. & Mfg. Co., Lawsonham, Pa.
Avonmore Coal Co., Avonmore, Pa
Ayers, Martin, Gilchrist, Ill
Ayres, R. A., Big Stone Gap, Va
Aylward, Frank, Canton, Ill
Aztec Coal Co., Gallup, N. Mex
Babylon Coal Co., Scranton, Pa
Bacco, J. J., Socorro, N. M
Bachoffen, J., Littleton, Ill
Back, F., Jeremiah, Ky
Back, Jas., Jeremiah, Ky
Back, Jas. S., Indian Bottom, Ky
Back, J. W., Hendricks, Ky

Back, Lewis, Indian Bottom, Ky.....
Back P. J. & Co., Booneville, Mo.....
Back, Wm., Indian Bottom, Ky.....
Bacon, Michael, Sandstone, Mich.....
Badenheimer, W., Scottdale, Pa.....
Baer, Jno. S. & Co., Streator, Ill.....
Bagdad Coal Co., Leechburg, Pa.....
Bagent, John, Frazeysburg, Ohio.....
Bags J. D., Lickburg, Ky.....
Baile, Andrew, Montreal, Que.....
Bailey, Geo., East Bernstadt, Ky.....
Bailey, J. F., Falcon, Ky.....
Bailey, John, Staunton, Ind.....
Bailey, P. L., Aledo, Ill.....
Bailey, R. J. & Co., Pittsburg, Pa.....
Bailey, W., Evarts, Ky.....
Baker, Webster, Kalo, Iowa.....
Bailey & Soegard, Maholm, Ohio.....
Bailey, Wilson & Co., Camden, Pa.....
Baillie, Richard, Duquoin, Ill.....
Baillie, J. & Co., Shawnee, Ohio.....
Bailly, Jos., Flushing, Ohio.....
Bain, Geo. & Co., Higbee, Mo.....
Baird Iron Co., Gore, Ohio.....
Baish, James, Effie, W. Va.....
Baltic Coal Co., Arthius, Pa.....
Baker, A., Middle Fork, Ky.....
Baker, Daniel, Grantsville, Md.....
Baker, E. J., Bakerville, Pa.....
Baker, E. W., Baker, Ky.....
Baker, Hy., Baker, Ky.....
Baker, Jas. Middle Fork, Ky.....
Baker, J. W., Eversole, Ky.....
Baker, Lewis, Danville, Ill.....
Baker, P., Helton, Ky.....
Baker, Wm., Colchester, Ill.....
Baker, W. W., Hindman, Ky.....
Baker & Adams, Ottumwa, Iowa.....
Baker Coal Co., Ottumwa, Iowa.....
Baker Coal Mg. Co., Denver, Colo.....
Baker-Hunnewell Co., Boston, Mass.....
Baker Mg. Co., Grantsville, Md.....
Baker Whitley Coal Co., Baltimore, Md..
Baldridge, Chas., Lackey, Ky.....
Baldwin, J. R., Moore's Creek, Ky.....
Baldwin, L., Worland, Mo.....
Baldwin, M. & Son, Streator, Ill.....
Baldwin & Williams, Mineral Ridge, Ohio.
Bales, D., Liberty, Ala.....
Bales, N., Milo, Iowa.....
Ball, H., Nelsonville, Ohio.....
Ball, J., Jr., Evarts, Ky.....
Ball Coal Co., Bartonville, Ill.....
Ballard-Welch C. & C. Co., Crown Hill, W. Va.....
Ballentine, A. J. & W. H., Content, Pa..
Ballinger C. & C. Co., Winona, W. Va....
Ballou, Orrin, Dillon, Ohio.....
Baltic Coal Co., Philipsburg, Pa.....
Baltimore Coal Co., Baltimore, Md.....
Baltimore C. Mg. & Ry. Co., Hillsboro', N.B.
Balt. & Cumberland C. Co., Elk Lick, Pa.
Balt. & O. Fuel Co., St. Clairsville, Ohio..
Bancroft Coal Co., Bancroft, W. Va.....
Bandy, Henry L., Alliance, Ohio.....
Banister, J. M., Ft. Stanton, N. Mex.....
Bankert, J. D., Summum, Ill.....
Banks, Jas., Taulbee, Ky.....
Bannam, J. & Bro., Fowlers, W. Va.....
Banner Coal Co., Rock Island, Ill.....
Bannereiss, J., Delhi, Ill.....
Barackman, M. J. & Son, Streator, Ill.....
Barber Bros., Beloit, Ohio.....
Barber, Wm., Nelsonville, Ohio.....
Barber & Babbitt, Colchester, Ill.....
Barber & Pubhe, Nelsonville, Ohio.....
Barbour & Sons, Tamaroa, Ill.....
Barclay, C. Mg. Co., Chicago.....
Barclay Mg. Co., Springfield, Ill.....
Bard, S. W., Cincinnati, Ohio.....
Bard, S. W., Peerless, W. Va.....
Bardsley & Lee, Coal Valley, Ill.....
Barger, Jacob, West Freedom, Pa.....
Barker, B. B., Livingston, Iowa.....
Barker, Joe, Staunton, Ind.....
Barker, T. A., Ezel, Ky.....
Barkley Bros., Kansas City, Mo.....
Barnaby & Son, Sturgis, Ky.....
Barnard, Wm., Chester, Ill.....
Barnard, W. G., Bellaire, Ohio.....
Barnard C. & Trans. Co., Chester, Ill.....
Barnes, T. P., Nebo, Ky.....
Barnes, T. & Bro., Philipsburg, Pa.....
Barnett, Wm., Johnstown, Pa.....
Barnham, F., Atlanta, Mo.....
Barnhart, D. B., Foster's Mills, Pa.....
Barnhart, Wm., Carbon Center, Pa.....
Barr, John, Brady, Pa.....
Barr, Wm., Suez, Ill.....
Barre, S. C., Zollersville, Pa.....
Barren Fork Mg. Co., Flat Rock, Ky.....
Barren Fork Mg. & C. Co., Lexington, Ky.
Barrett, Jas., Laurel Creek, Ky.....
Barrett, Jas. A., Warfield, Ky.....
Barrett, O., Abingdon, Va.....
Barritt, Benj., Colchester, Ill.....
Barrowman, Richard, Carbonado, Iowa...
Bartells, W. G., Carlinville, Ill.....
Bartine, Wesley, Philadelphia, Pa.....
Bartlett, J. A., Whitesville, Ky.....
Bartlett, Richard, Jackson, Ohio.....
Bartlett & Bradley, Cuba, Ill.....
Bartley, Howard, Ezel, Ky.....
Barton, Alfred, Zanesville, Ohio.....
Barton, John, Danville, Ill.....
Barton, Thos., Farmington, Ill.....
Barton & Georges C. V. C. Co., Balti, Md..
Barton & Manahan, Streator, Ill.....
Barwell Mine, Cutler, Ill.....
Bash, Henry, Lycippus, Pa.....
Baskett Coal Co., Baskett, Ky.....
Bass, Oscar, Toulon, Ill.....
Bassentes, B., California, Pa.....
Bassoms, Jas., Central City, Ky.....
Batch & Reniger, Krumroy, Ohio.....
Batchelder Bros., Boston, Mass.....
Batchelder, Geo., Macon, Mo.....
Bates Bros., Kewanee, Ill.....
Bates Co-op. Coal Co., Amoret, Mo.....
Bates, Geo., Fairfield, Iowa.....
Bates, John O., Steubenville, Ohio.....
Bates, R., Semiway, Ky.....
Bates, W. H. & Co., Winchester, Ill.....
Bates & Bechtol, Rushville, Ill.....
Bath, J., Lewiston, Ill.....
Batsell, W. E., Livermore, Ky.....
Battershell, Wm. & Geo., Alliance, Ohio...
Batty, John, Nyesville, Ind.....
Bauer, Frank, Dale, Pa.....
Bauer, Lewis, Dale, Pa.....
Bauerlessen, John, Delhi, Ill.....
Baugert, Geo., Pine Grove, Pa.....
Baugh, J. F., Mershons Cross Roads, Ky..
Baugh & Luce C. Co., Perryopolis, Pa....
Baughman, Geo., Wright, Ind.....
Baughman, J. G., Roseville, Ohio.....
Baxley, F., Spring Grove, Ky.....
Bayly, W., Rousseau, Ky.....
Bayne, S. S., Lone Pine, Pa.....
Beach Creek Coal Co., Philadelphia, Pa..
Beach Grove C. & C. Co., Bennington Furnace, Pa.....
Beachy, Arvon, Grantsville, Md.....
Beachy, L. L., Elk Lick, Pa.....
Beacon Coal Co., Beacon, Iowa.....
Beacon Hill Coal Co., Gallup, N. M.....
Beadling Bros., Beadling, Pa.....
Beal, Samuel, East Liverpool, Ohio.....
Beal, Brennard & Gary, Colorado, Tex....
Beale, Geo. & Co., Keim, Pa.....
Beamer, F. S., Summerfield, Ohio.....
Bean, Wm. H., Newmarket, Iowa.....
Beane, Chas., Volcano, W. Va.....
Bear, W. J., Elk Lick, Pa.....
Bear Creek Coal Co., Red Lodge, Mont..
Bear Ridge C. & C. Co., Mountaindale, Pa.
Bear Rock Coal Co., Lilly, Pa.....
Bear Run Mines, Landrus, Pa.....
Beard, John, Danville, Ill.....
Beard, Wm., Virden, Ill.....
Beard, W. N., Slater, Mo.....
Beard & Faber, Tamaqua, Pa.....
Beard & Son, Colchester, Ill.....
Beasecker, H. H. & Son, New Berlin, O....
Beasley & Larsetter, Abilene, Tex.....
Beattie Bros., Buchtel, Ohio.....
Beatty, C., Trisler, Ky.....
Beatty, J., Mascoutah, Ill.....
Beatty & Jones, Kansas City, Mo.....
Beattyville Coal Co., Beattyville, Ky.....
Beaty, J. A., Delta, Colo.....
Beauchamp, J., Lewisport, Ky.....
Beaumont Coal Co., W. Brownsville, Pa..
Beaver Branch C. Co., Philadelphia, Pa..
Beaver C. & C. Co., Rock Point, Pa.....
Beck, W. C. & Sons, Pittsburg, Kan.....
Beck & Co., Swan, Iowa.....
Becker, Chas., Freeburg, Ill.....
Becker, Henry, Lamar, Mo.....
Becker & Dickey, Lamar, Mo.....
Beckett, H. L., Fudges Creek, W. Va.....
Beckler, P. J., Carbondale, Ohio.....
Beckworth, Wm., Allenport, Pa.....
Beddall & Burchill, Tuscarora, Pa.....
Beddow & McCready, Minersville, Pa.....
Bedford Coal Co., Rich Hill, Mo.....
Bedford Mg. Ass'n., Hopewell, Pa.....
Beech Creek Cannel Coal Co., Glen Richey, Pa.....
Beechmont Coal Co., Hickman, Pa.....
Beechmont C. & C. Co., Hickman, Pa.....
Beechwood C. & C. Co., Claremont, W. Va.
Beechwood Colliery, Opekiska, W. Va.....
Beeson, T. E., Carbon, Ind.....
Beetler, P. & Co., East Peoria, Ill.....
Befout Iron Wks. Co., Ironton, Ohio.....
Beggs, E., Partridge, Ky.....
Beggs, H., Bessemer, Ala.....
Beggs, J. S., Gays Creek, Ky.....
Begley, H. S., Shoal, Ky.....
Behanna, Chas., Wesco, Pa.....
Behanna, John, Wesco, Pa.....
Belcher, Avil, Knuckles, Ky.....
Bell, Alex., Morris, Ill.....
Bell Bridge Coal Co., Bell Bridge, Pa.....
Bell Bros., Wheeling, W. Va.....
Bell, F. N., Tyrone, Ohio.....
Bell, J. E., Coalport, Pa.....
Bell, J. W., Boston, Mo.....
Bell, John & Duncan, Scranton, Kan.....
Bell, Robt., Mansfield Valley, Pa.....
Bell, Wm. A., Blacksburg, Va.....
Bell & Co., Coalville, Kan.....
Bell & Green, Lexington, Mo.....
Bell, Lewis & Yates Coal Co., Buffalo, N.Y.
Bellamy, J., Aetnaville, Ky.....
Belle Bridge Coal Co., Belle Vernon, Pa..
Belle Hampton C. & I. Co., Churchwood, Va .....
Belle Vernon Coal Co., California, Pa.....
Bellingham Bay Imp. Co., New Whatcom, Wash .....
Bellingham Bay & East R. R. Co., New Whatcom, Wash. .....
Bellows, Marshall, Duncan's Mills, Ill.....
Bellwood Coal Co., Bellwood, Pa.....
Belmont Coal Co., Crown Hill, W. Va.....
Belmont Coal Works, Bellaire, Ohio.....
Belt Creek C. Co., Great Falls, Mont.....
Bemmer, Wm., Summerset, Iowa.....
Benedict & Co., New Haven, Conn.....
Benge, F., Byron, Ky.....
Benge, R., Byron, Ky.....
Bennet & Lofy, Canton, Ill.....
Bennett, B. A., Carpenter, Ky.....
Bennett Bros. & Co., Canton, Ill.....
Bennett Coal Co., Lebanon, Ill.....
Bennett, Edw., Earles, Ky.....
Bennett, J. S., Beda, Ky.....
Bennett, Richard, Ogdensburg, Pa.....
Bennett, R. A., Beda, Ky.....
Bennett, S. A., Beda, Ky.....
Bennett, Wm., Lippincott, Pa.....
Bennett, W. B., Patterson Creek, Ky.....
Bennett & Dalrymple, Nelsonville, Ohio..
Bennum, S. W., Summerset, Iowa.....
Benson, Geo. W., Danville, Ill.....
Benson, W. J., Davenport, Ky.....
Bentley, D. R., Fairpoint, Ohio.....
Bentley, Janey, McDowell, Ky.....
Bentley, Jasper, McDowell, Ky.....
Benton, Jas., Caney, Ky.....
Benton Coal Co., Philadelphia, Pa.....
Bents Coal Works, Willard, Ky.....
Benwood Coal Works, Benwood, W. Va....
Berckman, S. M., Knoxville, Iowa.....
Berg, C. E., La Fayette, Ill.....
Bergan, J. J., Heckscherville, Pa.....
Bergenrott Bros., Tracy, Ind.....
Bergreen, Alex. & Son, Streator, Ill.....
Berkley, J., Giessner, Pa.....
Berlin Mg. Co., Berlin, Pa.....
Berlo, Pertoe Coal Creek, Ind.....
Berry, C. & Sons, Monica, Ill.....
Berry C. & C. Co., Stone Cliff, W. Va.....
Berry, Jas., Danleyton, Ky.....
Berry, Jno., Macomb, Ill.....
Berry, M., Chavies, Ky.....
Bertolette, H. R., Reading, Pa.....
Berwind, C. F., Wynnewood, Pa.....
Berwind-White Coal Mg. Co., Phila., Pa...
Besee, C. H., Spaulding, Ill.....
Bessemer L. & Imp. Co., Bessemer, Ala...
Best & Son, Petri Station, Ky.....
Bethel, Clinton, Flushing, Ohio.....
Bethel Coal & C. Co., Sunbury, Pa.....
Bettag, S. Mariah Hill, Ind.....
Betz Coal Co., Liberal, Mo.....
Beulah Coal Co., Ramey, Pa.....
Beury C. & C. Co., Stone Cliff, W. Va....
Beury, Wm., Cooper & Co., Beury, W. Va.
Bevier Blk. Diamond Coal Co., Bevier, Mo.
Beyer, Geo., Staunton, Ind .....
Beymer, F. S., Summerfield, Ohio.....
Biams, Drew, Saxton, Ky.....
Bibb, G. W., Fireclay, Ky.....
Bice, J. L., Eldora, W. Va.....
Bickel S. S. & Co., Mt. Carmel, Pa.....
Bicknell Coal Co., Bicknell, Ind.....
Big Creek Job I. & C. Co., Lafollette, Tenn.
Big Four Coal Co., Jerome, Iowa.....
Bigley, Jas., Roodhouse, Ill.....
Bigley, N. J., Duncan, Pa.....

COAL—Continued.

Bigley & Murphy, Sutersville, Pa.....
Big Mountain Mg. Co., Cedar Grove, W.Va.
Big Muddy Coal & Coke Co., De Soto, Ill..
Big Muddy C. & I. Co., Murphysboro, Ill.
Big Sandy Cannel Co., Myrtle, Ky.....
Big Sandy Coal Co., Paintsville, Ky.....
Big Six Coal Co., Waverly, Mo.....
Big Stone Gap Col'y Co., Big Stone Gap, Va.
Big Vein C. Co. of W. Va., Baltimore, Md.
Big Vein Coal Co., Cleveland, Ohio.....
Big Vein C. & C. Co., Elk Garden, W. Va.
Big Vein Coal Co., Shaw, W. Va.....
Bilderback Bros., Millersburg, Ohio.....
Billings, J. C., Prescott, Kan.....
Binder, J. D., Hackett, Ark.....
Bingham, T. J., Prestonsburg, Ky.....
Birbeck, J. & T., Wadsworth, Ohio.....
Bird, C., Quitman, Mo.....
Bird, Dan, Roseville, Ill.....
Bird, J. B., Belfield, N. D.....
Bird, T. J., Balliett, Pa.....
Bird & Conaway, Bridgeport, Ohio.....
Bird & Pratt, Roseville, Ill.....
Birmingham C. & C. Co., Birmingham, Ala.
Birmingham Mg. & Mfg. Co., Gate City, Ala .....
Bishop, John, Clarksburg, Kan.....
Bishop, R. L., & Co., Fulton, Mo.....
Bissel Coal Co., Orrick, Mo.....
Bitter, Frank L., Philadelphia, Pa.....
Bittinger, J., Bittinger, Md.....
Bituminous C. Mg. Co., S. L. Obispo, Cal..
Bivion, Wm., Gimlet, Ky.....
Bixler, Nathan, Bolivar, Ohio.....
Black, Alex., Coal Co., Pittsburg, Pa.....
Black Band Mg. & Mfg. Co., Spring Hill, W. Va.....
Black Butte C. Mg. Co., Rock Spgs., Wyo.
Black, Chas. E., Sandusky, Ohio.....
Black Creek Co-op. C. Co., Nauvoo, Ala...
Black, Daniel, Waterfall, Pa.....
Black Diamond C. Co., Brownington, Mo...
Black Diamond Coal Co., Coal Hill, Ark...
Black Diamond Coal Co., Havre, Mont.....
Black Diamond C. Co., Knoxville, Tenn...
Black Diamond C. Co., Los Angeles, Cal..
Black Diamond C. Co., Osage City, Kan...
Black Diamond C. Co., St. Clairsville, O..
Black Diamond Coal Co., Strong, Pa.....
Black Diamond Coal Co., Westville, N. S..
Black Diamond C. Co., What Cheer, Iowa.
Black Diamond C. & C. Co., Castle, Mont..
Black Diamond C. & C. Co., Columbus, O..
Black Diamond C. Mg. Co., Drakesboro, Ky.
Black Diamond Coal Mg. Co., San. F., Cal.
Black Diam'd C. & Mg. Co., Des Moines, Ia.
Black Diam'd C. Mines, Sandstone, Mich..
Black Diam'd C. & Tile Co., Springfield, Ill.
Black Diamond, Jr., Diamond, Ohio.....
Black Foot Coal Co., Columbia, Mo.....
Black Hills Coal Co., Eldora, Iowa.....
Black, G. N., Springfield, Ill.....
Black, J. S., Greensboro, Pa.....
Black, J. W., McWhorter, Ky.....
Black Lick Coal Co., Philadelphia, Pa.....
Black River C. & Trans. Co., Seattle, Wash.
Black, Sheridan & Wilson, Bridgeport, W. Va .....
Black Swan Coal Co., Des Moines, Iowa...
Black Vein Coal Co., Canton, Ohio.....
Black Warrior C. I. S. & Nav. Co., Birmingham, Ala.....
Black & Whitfield, Nelsonville, Ohio.....
Blackbird Coal Co., Blackbird, Mo.....
Blackburn, Wallace & Co., Albany, N. Y...
Blackburne, A., Pleasant, Ky.....
Blackburne, Thos., E. Point, Ky.....
Blacker, O. C., Esrom, Mo.....
Blackheath Mines, Midlothian, Va.....
Blackrod Coal Co., Mystic, Iowa.....
Blacksburg Mg. Co., Blacksburg, Va.....
Blackstone C. Mg. Co., Valley Falls, R. I..
Blackwell, John A., Ironton, Ohio.....
Blackwell & Allen, Jamestown, Iowa.....
Blaine, Wm., Viola, Ill.....
Blair, Chas., Poor Fork, Ky.....
Blair, E., Hindman, Ky.....
Blair, E. C., Leonard, Ky.....
Blair, Geo., Morris, Ill.....
Blair, Hiram, Jeremiah, Ky.....
Blair, Jos., Lawsonham, Pa.....
Blair, J. B., Poor Fork, Ky.....
Blair, R. H., Eau Claire, Pa.....
Blair, W. A., Beauty, W. Va.....
Blair, W. P., Denver, Ky.....
Blair Bros., Tyrone, Pa.....
Blakeman, T. H., Harrisburg, Mo.....
Blakley, J., Grape Creek, Ill.....
Blanche Coal Co., Standard, W. Va.....
Blanchard, D. C., & Son, Brownington, Mo.
Bland, Fred, Lloydville, Pa.....
Bland, Jno., Alpha, Ill.....
Blankquart, Chas., What Cheer, Iowa.....
Blanton, J., Wallins Creek, Ky.....
Blanton, John, Lock, Ky.....
Blanton, R. L., Natural Bridge, Ala.....
Blatt, John, What Cheer, Iowa.....
Blatt, Wm., What Cheer, Iowa.....
Blevins, Wm., Back Bone, Ky.....
Block, Alex., Coal Co., Joint, Pa.....
Block Coal Co., Brazil, Ind.....
Blockhouse Coal Co., New York.....
Bloomfield Coal Co., Des Moines, Iowa.....
Bloomington Mg. Co., Philadelphia, Pa.....
Blore, John, Radcliff, Ohio.....
Blose Coal Co., Arnot, Pa.....
Blossbury Coal Co., Elmira, N. Y.....
Blue, J. W., Grape Creek, Ill.....
Blue Canyon C. Mg. Co., Park, Wash.....
Blue Mtn. Oil & Min. Co., Waveland, Ark.
Blue Ridge Coal Co., Peckville, Pa.....
Blue & Wilson, Grape Creek, Ill.....
Blyth, Thos., Osceola Mills, Pa.....
Blyth Coal Co., Speers, Pa.....
Blythe & Co., Robbins Station, Pa.....
Blythe, J., & Co., Pittsburg, Pa.....
Boatwright, J. D., Ft. Blackmore, Va.....
Bobbs, Fred, Orlando, Ky.....
Bock, Isaac, Salyersville, Ky.....
Bock, J. W., & Co., Eugene, Ky.....
Bogges, J. A., Flatrock, W. Va.....
Boggs, E. N., Barton, Ohio.....
Boggs, Hen., Blaine, Ky.....
Boggs, J. H., Blaine, Ky.....
Boggs, S., Hindman, Ky.....
Boggs & Kiser, McGlone, Ky.....
Boggs Run Mg. & Mfg. Co., Wheeling, W. Va .....
Bogie Man. Mg. Co., Kansas City, Kan....
Bohanan, Theo., Boston, Mass.....
Bohlander Bros., Pekin, Ill.....
Bolden, D. G., Eugene, W. Va.....
Bolen Coal Co., Kansas City, Mo.....
Boling, D. G., Fairfax, W. Va.....
Boling, H., Dixon, Ky.....
Bolinger, Frank, Osnaburg, Ohio.....
Bolivar Coal & Coke Co., Lockport Station, Pa. .....
Bollin, D. C., Eugene, W. Va.....
Bolner, W., Traveller's Rest, Ky.....
Bolton, Abraham, Danville, Ill.....
Bolton, Richard, Boreing, Ky.....
Bomine, Jas., Gentryville, Ind.....
Bon Air C. & C. Co., Sparta, Tenn.....
Bonanza Coal Co., Kansas City, Mo.....
Bonar, Wm. S., Flag, Ohio.....
Bond, Oliver, Buck Creek, Ky.....
Bondinot Bros., Hamilton, Iowa.....
Bonnett, Alex., Pilot, Ill.....
Book Cliff C. Co., Grand Junction, Colo....
Boon, Byrd, Grassy Creek, Ky.....
Boon, S. E., Beech Bottom, W. Va.....
Boone, J. A., Fayette Station, W. Va.....
Boone C. & C. Co., Winona, W. Va.....
Boone Coal & Mg. Co., Boone, Iowa.....
Boone Valley Coal & Ry. Co., Fraser, Iowa.
Booten, John W., Youngstown, Ill.....
Booth, Jas., Back Bone, Ky.....
Booth-Bowen C. & C. Co., Bramwell, W.Va.
Booth & Fox, Colchester, Ill.....
Booze, Fulton, Pikeville, Ky.....
Boran, J. A., Carbondale, Kan.....
Borda & Son, Boston, Mass.....
Borden, E., Pre-emption, Ill.....
Borden Mg. Co., Frostburg, Md.....
Bordu, E., & Son, Philadelphia, Pa.....
Boser, J. B., Petersburgh, Ind.....
Bosley, David, Nyesville, Ind.....
Bosse, H., Bethel, Ill.....
Bossko Coal Mg. Co., Bossko, S. D.....
Boston & Mord Con. C. & S., New York....
Boston & Nova S. C. Co., Boston, Mass...
Boston & Porter, Bridgeport, Ohio.....
Boston & Walden Ridge C. Co., Boston, Mass .....
Bothstadt, John, Lebo, Kan.....
Botner, Ransom, Traveller's Rest, Ky.....
Bott & Bros., Redfield, Iowa.....
Bottom C'k C. & C. Co., Tidewater, W.Va.
Bottomly, J. C., Brookfield, Mo.....
Bough, Wm., Henry, Ill.....
Boulder C. & F. Clay Co., Boulder, Colo..
Boulder Valley Coal Co., Erie, Colo.....
Boulware, E. S., Perry, Mo.....
Boulware, P. G., Liberal, Mo.....
Boumon Bros., Yates City, Ill.....
Bonner, A. J., Augusta, Ill.....
Bouroon, I. E., Montreal, Que.....
Bowdler, D & Son, Coal Center, Pa.....
Bowen, A. E., New York.....
Bowen Bros., Millersburg, Ohio.....
Bowen, C. C., New York.....
Bowen, Frank, Osnaburg, Ohio.....
Bowen, John, Brady, Pa.....
Bowens, Jesse, Rockhouse, Ky.....
Bowers, C., Robinson Creek, Ill.....
Bowers Coal Co., East Peoria, Ill.....
Bowers & Robbins, Livingston, Mont.....
Bowie Coal Mine, Bowie, Tex.....
Bowles, O. C., Pikeville, Ky.....
Bowlesville Coal Co., Shawneetown, Ill....
Bowling, L., Crockettsville, Ky.....
Bowling, W. E., Shoal, Ky.....
Bowling, W. H., Sandy Hook, Ky.....
Bowman, Wm., Marquess, W. Va.....
Bowman Ridge Coal Co., Greenwood, Ky..
Bowser, J., Belknap, Pa.....
Bowyer, L. T., Red House Shoals, W. Va..
Boyce, Jas., New York.....
Boyd Coal Co., Walkers Mills, Pa.....
Boyd, D. B., Sparta, Ill.....
Boyd, Jas., Knobnoster, Mo.....
Boyd, James, & Co., Philadelphia, Pa.....
Boyd, J. D., & Co., Uniontown, Pa.....
Boyd, Thos. H., & Sons, Knobnoster, Mo..
Boyer, A. C., Vernon, Iowa.....
Boyer Coal Co., Scranton, Pa.....
Boyle, F., Grand Ledge, Minn.....
Boyle Bros. Coal Co., Pittsburg, Pa.....
Braceville, I., Danville, Ill.....
Braceville Coal Co., Braceville, Ill.....
Bracken, Jos. W., Algonquin, Ohio.....
Brackenridge Coal Co., Leechburg, Pa.....
Bradenburg, Sam, Booneville, Ky.....
Bradfield, J., Petersburg, Ind.....
Bradley Bros., Greenville, Ky.....
Bradley Coal Co., Cairo, Ill.....
Bradley & Meagher, Gallitzin, Pa.....
Bradley Vernon C. Co., Bolcourt, Kan.....
Bradley Vernon C. Co., Kansas City, Mo..
Brady Bend C. & I. Co., New York.....
Brady's Bend Mg. Co., Oil City, Pa.....
Brahm, Jno. A., Petersburg, Ill.....
Brain, John, New Brighton, Pa.....
Brandenburger, F., Belleville, Ill.....
Brandt, Wm., Sheffield, Ill.....
Brandt & McCullough, Mineral, Ill.....
Branson, H. B., Whitesburg, Ky.....
Brasser, John, Liberal, Mo.....
Brashears, R. H., Salt Creek, Ky.....
Brazil C. & Mg. Co., Brazil, Iowa.....
Brazil Block Coal Co., Brazil, Ind.....
Brazil Coal Co., Carbon, Ind.....
Braznel, B., Braddock, Pa.....
Breckenridge Co., Ltd., Cloverport, Ky...
Breckenridge Coal Co., Victoria, Ky.....
Breckenridge & P'ville Syn., Louisville, Ky.
Breeding, T. M., Sassafras, Ky.....
Breese Coal Mg. Co., Breese, Ill.....
Breggs, Isaac, Slater, Mo.....
Bremen Coal Co., Chesterfield, Ill.....
Brenan, D. J., Grantsville, Md.....
Brenmer, John, Island City, Ky.....
Brennan, M., Canfield, Colo.....
Brennan, Blodgett & Co., Swan, Iowa.....
Bresnahan, John, Greer, Pa.....
Brewer, I., Warfield, Ky.....
Brewer, J., Hazel Green, Ky.....
Brewer, J., Albia, Iowa.....
Brewer, Wm., Hazel Green, Ky.....
Brewster Coal Co., Akron, Ohio.....
Briarbluff Mg. Co., Briarbluff, Ill.....
Briar Hill C. & C. Co., Fairmont, W. Va..
Briar Hill Coal Co., Inyan Kara, Wyo.....
Brick Bros., Mineral Point, Ohio.....
Brickey & Co., Roodhouse, Ill.....
Bridwell, Jas., Zanesville, Ohio.....
Briggs, Henry, New England, Pa.....
Briggs, J. N., Albany, N. Y.....
Briggs & Flint, Pittsburg, Pa.....
Bright, F. D., Philadelphia, Pa.....
Bright, Samuel, Colchester, Ill.....
Bright Hope Mines, Winterpock, Va.....
Brightner & Baldwin, Equality, Ill.....
Brighton Coal Co., Kansas City, Mo.....
Brinkley, E., Nebo, Ky.....
Brinkley, J. S., Leamington, Ill.....
Brisbine, John, Madison, Pa.....
Briscoe, R., Briscoe, Iowa.....
Bristol Coal Co., Bristol, Ohio.....
Bristor, Henry, Racine, Pa.....
B. C. C. P. & M. Co., Ltd., Victoria, B. C..
Britner, Peter, Equality, Ill.....
Broad Cove C. Co., Ltd., Broad Cove, N. S.
Broad Mtn. Coal Co., St. Clair, Pa.....
Broad Top Coal Co., Philadelphia, Pa.....
Broad Top & Cambria C. Co., Harrisburg, Pa .....
Brock, Jas., Slushers Mill, Ky.....
Brock, Jas. M., Bush, Ky.....
Brock, John, Slushers Mill, Ky.....

Brock, N. J., Slushers Mill, Ky.....
Brock Coal Co., Ridgway, Pa.....
Brock Hill C. Co., New Philadelphia, Ohio.
Brockhouse & Parker, Putnam, Ill.....
Brodock, A., Millegan, Mont.....
Bronson, Nelson, Bucks, Ohio.....
Brooke, E., & Co., Shaft, Pa.....
Brookings Bros., Richardton, N. D.....
Brooklyn Coal Co., Cleveland, Ohio.....
Brooklyn Coal Co., Rush Run, W. Va.....
Brooks, C. B., Davenport, Ky.....
Brooks, G., Austintown, Ohio.....
Brooks, Jas., Johnstown, Pa.....
Brooks, Wm., Millersburg, Ohio.....
Brooks, W. B., & Son, Columbus, Ohio.....
Brooks & Thomas, Minooka, Pa.....
Brookside Coal Co., Scranton, Pa.....
Brophy, M., Shelbyville, Ill.....
Brosius, Chas., Belleville, Ill.....
Brosius, Jno., Baxter, Pa.....
Brosius, John, Belleville, Ill.....
Brost, Edward, Peoria, Ill.....
Brost, O., Peoria, Ill.....
Brothers, C. E., Mineral Point, Ohio.....
Broughton & Derby, Rico, Colo.....
Brown, A. W., New Philadelphia, Ohio.....
Brown, B., Camden, Mo.....
Brown Bros., Ragland, Ala.....
Brown, Bowers, C. Co., Kansas City, Mo..
Brown, C., McArthur, Ohio.....
Brown Coal Co., Nuttallburg, W. Va.....
Brown Coal Co., Osnaburg, Ohio.....
Brown, D., Gypsy, Ky.....
Brown, D., Swampton, Ky.....
Brown, D., & Son, Hamilton, Ont.....
Brown, E., Galen, Ky.....
Brown, F. M., Partridge, Ky.....
Brown, F. P., & Co., Titusville, Pa.....
Brown, G. W., Pinckneyville, Ill.....
Brown, G. W., McWhorter, Ky.....
Brown, G. W., Roseville, Ohio.....
Brown, H., Galen, Ky.....
Brown, H. C., Whalen, Ky.....
Brown, J., Coal Co., Palisades, Colo.....
Brown, James L., Steeleville, Ill.....
Brown, John, Galen, Ky.....
Brown, John, Moundville, Mo.....
Brown, John, Orpha, W. Va.....
Brown, John, Sr., Prescott, Kan.....
Brown, J. M., Partridge, Ky.....
Brown, J. R., Chapman, Ohio.....
Brown, J. W., Milo, Iowa.....
Brown, L., Williamsburg, Kan.....
Brown, M. A., White Oak, Ky.....
Brown, M. R., Knoxville, Ill.....
Brown, R. B., Coal Co., St. Louis, Mo.....
Brown, T., Skilesville, Ky.....
Brown, T. B., Madison, Pa.....
Brown, T. J., Emory Gap, Tenn.....
Brown, T. J., Manchester, Ky.....
Brown, Wm., Carbondale, Kan.....
Brown, Wm., Cedarville, Mo.....
Brown, Wm., Fairview, Ill.....
Brown, W. A., Iantha, Mo.....
Brown, W. D., Lockridge, Iowa.....
Brown & Beidler, New Philadelphia, Ohio.
Brown & Brown, McGlone, Ky.....
Brown & Brown, Runnells, Iowa.....
Brown & Browers, Mystic, Iowa.....
Brown & Meisler, Osnaburg, Ohio.....
Brown & Price, Prairie City, Iowa.....
Browns', W. H. Sons, Monongahela, Pa....
Brownfield, Chas., Ruble, Pa.....
Browning C. & C. Co., Pocahontas, W. Va.
Browning, Jas. S., Pocahontas, Va.....
Browning, Wm., Oakland, Md.....
Brownle Bros., Sullivan, Ind.....
Brownsville Coal Co., Brownsville, Pa.....
Bruce, Wallace, Rich Hill, Mo.....
Brucks, A. R., Orlando, Ky.....
Brueggemann, F. J., Belleville, Ill.....
Brumett, Geo., Monticello, Ky.....
Brumett, H., Mullis, Ky.....
Brunburgh, Samuel, Phoenix, Pa.....
Brundage, G., & Son, Sheridan, Wyo.....
Bruner, Wm., North Buffalo, Pa.....
Brush Mountain Mg. Co., Long's Shop, Va.
Bryan, L. M., Perryopolis, Ohio.....
Bryant, P., Saxton, Ky.....
Bryant, S. C., Milo, Iowa.....
Bryant Bros., Pine Knot, Ky.....
Bryant Coal Co., Bryant, Ill.....
Bryden, C., & Co., Murphysboro, Ill.....
Bryson, J. D., Nelsonville, Ohio.....
Bryson & Rose, Warrensburg, Mo.....
Brysen Mt. C. & C. Co., Middlesboro, Ky..
Buchanan, T. J., Frazeysburg, Ohio.....
Bucher, A. M., Worthington, Ind.....
Buckeye Coal Co., Altamont, Ky.....
Buckeye Coal Co., Coalton, Ohio.....
Buckeye Coal Co., Clinton, Ind.....
Buckeye C. & C. Co., Bramwell, W. Va....
Buckeye C. & I. Co., Jackson, Ohio.....
Buckingham, J. H., Cambridge, Ohio.....
Buckingham & Ford, Cambridge, Ohio.....
Buckwheat Coal Co., Lewistown, Ill.....
Buell, D. C., Paradise, Ky.....
Buena Vista Co.'s Mines, Buena Vista, Va.
Buffalo Coal Co., Buffalo, N. Y.....
Buffalo Coal & Coke Co., Garrett, Pa.....
Buffalo Fuel Co., Buffalo, Wyo.....
Buker, W. R., Otsego, Ohio.....
Bulah Coal Co., Ramey, Pa.....
Bulger, M. J., Central City, Ky.....
Bulger, Wm. G. M., Deerfield, Va.....
Bull, Peter, Cuba, Ill.....
Bullen, R. O., Bunker Hill, Kan.....
Bullins, Hy., Slusher's Mill, Ky.....
Bullock, D. A., Warrensburg, Mo.....
Bunker Hill Coal Co., Bunker Hill, Ill.....
Bunner, W. H., Bunners, W. Va.....
Bunting Bros., Grape Creek, Ill.....
Bunzon, L. G., Zebulon, Ky.....
Burch Bros., Ottumwa, Iowa.....
Burch, J. G., & Son, Albany, N. Y.....
Burch, Rosin, Bellaire, Ohio.....
Burcham, Levi D., Mineral City, Ind.....
Burchett, Jeff., Galen, Ky.....
Burdess, Wm., Metz, Iowa.....
Burdett, W. T., Cornucopia, Ore.....
Burdick, F., Industry, Ill.....
Burgen, I., Stonefort, Ill.....
Burgen, W. S., Glenn, Ind.....
Burgess Bros., Canal Dover, Ohio.....
Burgess, John, Peoria, Ill.....
Burgess, P. T., Wilbur, Ky.....
Burghman, H. G., Redman Mills, Pa.....
Burk, J. S., Huntsville, Mo.....
Burke, W. A., Coal Co., Staunton, Va.....
Burkes Garden C. & C. Co., Ashland, W.Va.
Burks, C. M., Walker, Mo.....
Burley, Winter & Brown, Crooksville, O...
Burlingame C. & Mg. Co., Burlingame, Kan.
Burlington Imp. Co., Burlington, Iowa....
Burnett, S. B., Opdyke, Ill.....
Burnham, Burgur & Co., Clay City, Ind....
Burns Coal Co., Wakeup, Ohio.....
Burns, M., Brighton, Ill.....
Burns, Wm., Confidence, Iowa.....
Burns, C., & Co., Hortons, Pa.....
Burns & Lisk, Broadwell, Ohio.....
Burns & McCabe, Martins' Ferry, Ohio.....
Burnside, Wm., Villisca, Iowa.....
Burnside & Conlonlough, Villisca, Iowa....
Burr Oak Coal Co., Burr Oak, Ohio.....
Burrell, Wm., Streator, Ill.....
Burrier, Wm., Harlem Springs, Ohio.....
Burson, Nelson, Bucks, Ohio.....
Burt, Geo., Morris, Ill.....
Burt, J. H., Akron, Ohio.....
Burt, W. T., & Co., Wheeling, W. Va.....
Burt & Hoopman, Byesville, Ohio.....
Burton, Alvin, Woodbine, Ky.....
Burton, A. M., Blaine, Ky.....
Burton, Hon. C. A., Bismarck, N. D.....
Burton, W. C., Bronaugh, Mo.....
Bush, N., Gaston, W. Va.....
Bush, J. D., & Co., Laynesville, Ky.....
Bushon, G. A., Barboursville, Ky.....
Bushong, A. M., Danville, Ill.....
Bushy & Smith, Parsons, Kan.....
Butcher, J. A., Woodbine, Ky.....
Butcher, Wm., Ward City, Ky.....
Butler, Geo., Mg. Co., Columbus, Ohio.....
Butler, G. W., Fansiers, Iowa.....
Butler, Jas. B., St. Clairsville, Ohio.....
Butler, John, New Lexington, Ohio.....
Butler Coal Co., Philadelphia, Pa.....
Butler Mine Co., Pittston, Pa.....
Butt, James, Staunton, Ind.....
Buttimore, Thos., Moyer, Pa.....
Butts Cannel Coal Co., Cleveland, Ohio....
Burwell, John, Whittey, Pa.....
Buzan Mg. & C. Co., Enterprise, Ark.....
Buzzard, L., Decata, W. Va.....
Buzzon, N. J., Kossuth, Pa.....
B. W. Coal Mg. Co., Karthaus, Pa.....
Byam, Henry, Livingston, Mont.....
Bynum, Jas., Carbon Hill, Ala.....
Byrne & Speed, Louisville, Ky.....
Byrne Union Mg. Co., Jackson, Mich.....
C. F. & I. Co. Mines, Sunshine, Colo.....
C. P. C. C. Mg. Co., Frontenac, Kan.....
Cabanis & Oxford, Petersburg, Ill.....
Cabin Creek Coal Co., Coalburg, W. Va..
Cabin Creek & Kanawha C. Co., Wilkes Barre, Pa.....
Cable, J. M., Hooversville, Pa.....
Cable & Co., Washington, Ind.....
Caffey Baker Coal Co., Huntsville, Mo....
Cahaba Coal Mg. Co., Blockton, Ala.....
Cahill, James, Est., Peru, Ill.....
Cairness, James, Brighton, Ill.....
Caldwell, A. B., Summerset, Iowa.....
Caldwell Coal Co., Hamilton, Mo.....
Caldwell, I., Portage, Pa.....
Caldwell, J. C., McWhorter, Ky.....
Caldwell, J. G., Helton, Ky.....
Caldwell, J. M., Marity, Ky.....
Caldwell, Thos., Avon, Ill.....
Caldwell, Wm., Carbon, Iowa.....
Caldwell & Cassidy, Summerset, Iowa.....
Caledonia C. & Ry. Co., Caledonia Mines, N. S.....
Caledonian Coal Co., Gallup, N. Mex.....
Calhoun Coal Co., Calhoun, Mo.....
Calhoun, R., Hindman, Ky.....
California C. Co., California, Pa.....
Cal. Coal Co., Coaligna, Cal.....
Cal. Coal Mg. Co., Fresno, Cal.....
Call, Robt. A., Newcastle, N. B.....
Callihan, Jas., Danleyton, Ky.....
Callihan, Jno., Danleyton, Ky.....
Calumet Coke Co., Calumet, Pa.....
Cambria Coal Co., Coal Creek, Tenn.....
Cambria Coal Co., Nanaimo, B. C.....
Cambria Coal-Coke Co., Amsbry, Pa.....
Cambria Coal Mg. Co., Williamsport, Pa..
Cambria Fire Brick Co., Lloydville, Pa...
Cambria Iron Co., Dunbar, Pa.....
Cambria Mg. Co., Beatrice, Wyo.....
Cambria Mg. Co., Philadelphia, Pa.....
Cambridge Coal Co., Shenandoah, Pa.....
Cambridge Fuel Co., Cambridge, Ohio.....
Cambridge & Elyria C. Co., Buffalo, Ohio.
Cambridge & Guernsey Con. F. Co., Cleveland, Ohio.....
Camden, J. N., Monongah, W. Va.....
Camel, John, Rose Point, Pa.....
Cameron Coal Co., Emporium, Pa.....
Cameron Colliery, Shamokin, Pa.....
Cameron, G. W., Montreal, Que.....
Cameron & Ripley, Lima, Mont.....
Camey, Robert, Lombardville, Ill.....
Camp, H. N., Alton, Ill.....
Campbell, A., Glenora, Pa.....
Campbell, Angus, Salem, Ohio.....
Campbell, A. & Son, Joplin, Mo.....
Campbell, C., Glen Campbell, Pa.....
Campbell Coal Co., New Market, Iowa....
Campbell, G., Booneville, Ky.....
Campbell, J. D., Estate, Winona, W. Va..
Campbell, J. H., Cadiz, Ohio.....
Campbell, J. M., Hortons, Pa.....
Campbell, John H., Philadelphia, Pa.....
Campbell, John L., New Philadelphia, O...
Campbell, J. W., McCandless, Pa.....
Campbell, R., Brazil, Iowa.....
Campbell, W., Viper, Ky.....
Campbell, Wm., Grubb, Ill.....
Campbell, Wm., Oro, Ill.....
Campbell's Creek C. Co., Cincinnati, Ohio.
Campbell's Creek C. Co., Malden, W. Va..
Campfield C. & Mg. Co., Des Moines, Ia...
Canada Coal Co., St. John, N. B.....
Canada C. & Ry. Co., Ltd., Joggin, N. S..
Canada Coals & Ry. Co., Montreal, Que...
Canadian Ag'l C. & C. Co., Calgary, N.W.T.
Canadian Ant. Coal Co., Ottawa, Ont.....
Canadian N. W. C. Syn., Calgary, N.W.T.
Canard, E., Bloomington, Ky.....
Candela Mg. Co., Philadelphia, Pa.....
Candill, G. W., Jeremiah, Ky.....
Candill, David, Jeremiah, Ky.....
Candill, H., Galen, Ky.....
Candill, H. M., Jeremiah, Ky.....
Candill, J., Jeremiah, Ky.....
Candill, J. H., Sip, Ky.....
Candill, J. R., Salyersville, Ky.....
Candill, L. F., Falcon, Ky.....
Candill, M. J., Barnetts Creek, Ky.....
Candill, Polly, Jeremiah, Ky.....
Candill, S. B., Manchester, Ky.....
Candill, Wm., Viper, Ky.....
Cane, O. P., Redfield, Iowa.....
Canfield & Butts, Redfield, Iowa.....
Caning, Jos., Connellsville Mines, Ala.....
Cannel Coal Co., Laredo, Tex.....
Cannelton Coal Co., Cannelton, W. Va.....
Cannelton Coal Co., New York.....
Cannon Coal Co., Denver, Colo.....
Cannon, E. M., Pottstown, Ill.....
Cannon, F. A., Lamar, Ind.....
Canode & Allen, Bennett's Mills, Va.....
Canon City C. Co., Rockvale, Colo.....
Canonsburg C. Co., Ltd., Canonsburg, Pa.
Cansey, A. C. & J. S., Salem, Mo.....
Cant Bros., Reynoldsville, Pa.....
Canton Coal Co., Canton, Ill.....
Canton Coal & Gas Co., Canton, Ill.....
Canton Mg. & Exl. Co., Frederickton, Mo.
Canton Standard B. Co., N. Industry, O...
Cantrall Co-op. C. Co., Cantrall, Ill.....

COAL—Continued.

Cantrell, B. F., Ophir, Ky
Cantrell, J. M., Ophir, Ky
Cantrell, N. M., Ophir, Ky
Canwood, H. B., Booneville, Ky
Cape Breton Col'y, New Campbellton, N. S.
Capital Co-op. C. Co., Springfield, Ill.
Caple & Bros., Ransomville, Kan
Cappett, Thos., Hoyes, Md
Captina C. Co., Armstrongs Mills, Ohio
Carbondale Coal Co., Carbondale, Ohio
Carbondale C. & C. Co., Hamby Sta., Ky.
Carbondale Coal & C. Co., New York
Carbondale C. & Mg. Co., Des Moines, Ia.
Carbondale Fuel Co., Des Moines, Iowa
Carbonifera de Ciudad Juarez. Cia., Ciudad Juarez, Mexico
Carbray Rouch & Co., Montreal, Que.
Carbon Centre C. Co., Carbon Centre, Mo.
Carbon Centre C. Mg. Co., Rich Hill, Mo.
Carbon Coal Co., Carbon, Iowa
Carbon Coal Co., Philadelphia, Pa.
Carbon Coal Co., St. David, Ill.
Carbon Coal & Mg. Co., Peterton, Kan.
Carbon Creek C. Co., San Francisco, Cal.
Carbon Hill C. Co., Carbonado, Wash.
Carbon Hill Coal Co., Carbon Hill, Ala.
Carbon H'l & Lost C'k C. Co., Carbon Hill, Ala
Card & Barrett C. Co., Wadsworth, Ohio.
Card & Prosser, New Lisbon, Ohio
Carey Coal Co., Hutchinson, Ark.
Carey, Geo., Ft. Dodge, Iowa
Carey, M., Rose Hill, Iowa
Carey, Philip, Coalgrove, Ohio
Carkin, W. S., Carkin, W. Va.
Carl, Fred, Cory, Iowa
Carl & Irwin Bros., What Cheer, Iowa.
Carlinville Coal Co., Carlinville, Ill.
Carlisle Coal Co., Carlisle, Ind
Carls, C. A., Son, Henking, Ohio
Carlson Coal Co., Kalo, Iowa
Carlson, J. P., New Windsor, Ill.
Carlson, J. T., Carbondale, Ind.
Carlton Coal Works, Carlton, Ohio
Carman, G. G., Musquash, N. B.
Carnahan, S. S., Salineville, Ohio
Carney Bros., Marseilles, Ill.
Carpenter, A. H., Anita, W. Va.
Carpenter, E. B., Roseville, Ill.
Carpenter, Geo., Forksburg, W. Va.
Carpenter, Geo., Swampton, Ky.
Carpenter, I., Gypsy, Ky.
Carpenter, James, Forksburg, W. Va.
Carpenter, S., Salyersville, Ky.
Carpenter, T. L., Bunners, W. Va.
Carpenter, Wm., Forksburg, W. Va.
Carpenter, Wm., Middle Fork, Ky.
Carpenter, W. T., Grand Junction, Colo.
Carr Coal Co., Lytle, Tex.
Carr, C. P., Redfield, Iowa.
Carr, Robt., Mantey, Kan.
Carrier, J. A., Great Falls, Mont.
Carrier, S. W., McWhorter, Ky.
Carrison, Geo., Colchester, Ill.
Carroll, Asbury, Elliottsville, Pa.
Carroll, Jas. S., Caneyville, Ky.
Carroll, T. W., Dickey's Mills, Ky.
Carrollton, R., Roodhouse, Ill.
Carson, Robt., Newton, Iowa.
Carson, W. R., Douds Station, Iowa.
Carson & Walker, Douds Station, Iowa.
Carter, A., Centertown, Ky.
Carter, Andrew, Wellington, Mo.
Carter, C., Roseville, Ohio.
Carter Coal Co., Roodhouse, Ill.
Carter, C. P., Ft. Blackmore, Va.
Carter, Jas., Caney, Ky.
Carter, Thos., Kewanee, Ill.
Carter & Belford, Carterville, Ill.
Carter & Smith, Columbia, Mo.
Carterville Coal Co., Carterville, Ill.
Cartwright, S., McCune, Kan.
Cartwright, Sam'l, Townsville, Ky.
Carver Bros. C. Co., Montgomery, W. Va.
Carver Coal Co., Cincinnati, Ohio.
Carver Coal Co., Stoneboro, Pa.
Carville, John, Kansas City, Kan
Cary & Umson, Millersburg, Ohio.
Case, J. G., New York
Case, Mathews C. Co., Rentchler, Ill.
Casebier, Jas., Paradise, Ky.
Cash Creek Coal & Coke Co., Glen Campbell, Pa.
Caskey, B., Walnut Grove, Ky.
Caskey, J. W., West Liberty, Ky.
Caskey, L. C., Hazel Green, Ky.
Caskey, W. T., Hazel Green, Ky.
Casley Bros., Coal City, Ind.
Cass, R., Ipava, Ill.
Cassay, Wm., Rockport, Utah
Casselman Coal Co., Meyersdale, Pa.
Cassingham, C. L., Coshocton, Ohio.
Casteel, J. W., Skilesville, Ky.
Casteel, Q. T., Hillery, Ill.
Casteel, Sam'l, Annville, Ky.
Castigan, John, & Co., Montreal, Que.
Castle Bros., Inez, Ky.
Castle C. & C. Co., Castle, Mont.
Castle Rock C. Co., Cole City, Ga.
Castle Rock Mg. Co., Portland, Ore.
Castle Shannon R. R. Co., Pittsburg, Pa.
Castle, Wm., Fulton, Mo.
Castner C. & C. Co., Belt, Mont.
Caswell Creek C. Co., Freeman's, W. Va.
Caswell C. & C. Co., Freeman's, W. Va.
Caswell, John, Moingona, Iowa.
Cates, R. H., Slaughterville, Ky.
Catfish Run C. Co., Catfish, Pa.
Cato Mg. Co., Bellefonte, Pa.
Caton, F. H., Worland, Mo.
Catsburg Coal Co., Pittsburg, Pa.
Catton, Joseph, Brimfield, Ill.
Catton, John, West Jersey, Ill.
Cavanal C. C. & R. R. Co., Dallas, Tex.
Cavanal C. & Mg. Co., Dallas, Tex.
Cavannagh, Edw., Coal Co., Montreal, Que.
Cavendish, J. F., Lookout, W. Va.
Cawyer Coal Co., Plymouth, W. Va.
Cay, David, Salem, Ohio
Cayuga Press Brick & C. Mg. Co., Detroit, Mich.
Cecil, H. W., Laynesville, Ky.
Cecil, Jas., Grassy Creek, Ky.
Cecil, Jessie, Deersville, Ohio.
Cecil, J. G., Laynesville, Ky.
Cecil, S. W., Hazel Green, Ky.
Cedar Creek Coal Co., Bridgeport, Conn.
Cedar Grove Mg. Co., Cedar Grove, W. Va.
Cedar Hill Coal Co., California, Pa.
Cellayo, J. C., Paintsville, Ky.
Cenney, J. J., Swan, Iowa
Center Valley Coal Co., Jackson, Ohio.
Centerville B. C. Co., Centerville, Iowa.
Central Coal Co., Bellefonte, Pa.
Central Coal Co., Central City, Ky.
Central Coal Co., Chicago
Central Coal Co., Fire Creek, W. Va.
Central Coal Co., Hickory, Iowa.
Central Coal Co., Philadelphia, Pa.
Central Coal Mg. Co., Burlingame, Kan.
Central Coal & C. Co., Kansas City, Mo.
Central C. & I. Co., Louisville, Ky.
Central Connellsville Coke Co., Tarrs, Pa.
Central Co-op. C. Co., Springfield, Ill.
Central Gas & Coke Co., Fairmont, W. Va.
Central Jellico C. Co., Pleasant View, Ky.
Central Land Mg. Co., Philadelphia, Pa.
Central W. Va. C. & C. Co., Clarksburg, W. Va.
Centralia Mg. & Mfg. Co., Centralia, Ill.
Cerrillos C. & I. Co., Cerrillos, N. Mex.
Chadwell, D., Manchester, Ky.
Chafee & Co., Carbon, Iowa
Chaffin & Sponsler, Waco, Ohio
Chalk C'k Coal Co., Salt Lake City, Utah.
Challinsworth, Wm., Fosterburg, Ill.
Chamberlain & Shaw, Elk Lick, Pa.
Chambers, Jas., Chapman, Ohio.
Chambers, Wm. C., Jackson, Ohio.
Chambers, W. T., & Co., Elm Grove, W. Va
Chamberland Coal Co., Scranton, Pa.
Champ, G. W., Crown Hill, W. Va.
Champffer & Darlington, Philadelphia, Pa.
Champion Coal Co., Durango, Colo.
Champion File & Block Co., Louisville, O.
Champion Mg. Co., Champion, Ala.
Chandler, H., Alfordsville, Ind.
Chaney Coal Co., Elsinore, Cal.
Chaney, W. A., Crab Orchard, Ill.
Channel Mg. Co., Sawyer's Bar, Cal.
Chaplin, N., Tremaine, Iowa.
Chapman Coal Co., Chapman, Ohio.
Chappel, T. A., & Co., New York.
Chappell, Thos., Scranton, Kan.
Charleroi Coal Co., Charleroi, Pa.
Charles, H. G., Zebulon, Ky.
Charles, G., Zebulon, Ky.
Charleston C. & C. Co., Helena, W. Va.
Charlotte Mg. Co., Dryburg, Va.
Charlton, Jas., French Village, Ill.
Charter Oak Fuel Co., Pomeroy, Ohio.
Chartiers Block Coal Co., Pittsburg, Pa.
Chartiers Valley Coal Co., Joint, Pa.
Charton, Jno., Carbon Hill, Ohio.
Chase Coal Co., Denver, Colo.
Chase, Newton, Ft. Scott, Kan.
Chatham Coal Mg. Co., Chatham, Ill.
Cheek, I., Falcon, Ky.
Cheney Coal Mg. Co., Elsinore, Cal.
Cherokee & Pittsburg C. & Mg. Co., Frontenac, Kan.
Cherry Run Coal Co., Rimersburg, Pa.
Cherry Valley I. W'ks, Washington, Ohio.
Chesapeake & Ohio R. Coal Co., N. Y.
Chesapeake Mg. Co., Handley, W. Va.
Chesterfield Coal Co., Chesterfield, Ill.
Chestnut, Edw., Dory, Ky.
Chestnut, J., London, Ky.
Chestnut, L., London, Ky.
Chestnut, S., London, Ky.
Chest. Creek C. & C. Co., Hastings, Pa.
Chevalard, Jno., Millersburg, Ohio.
Chicago & Cent. Ohio C. Co., Chicago.
Chicago Coal Co., Seymour, Iowa.
Chicago & Ind. Blk. C. Co., Terre Haute, Ind
Chicago & Iowa Coal Co., Chicago, Ill.
Chicago & Kan. City C. Co., Petersburg, Ill.
Chicago, M. & St. Paul Co., Braceville, Ill.
Chicago & Min. C. Co., Minonk, Ill.
Chicago & Min.C.& File Works, Minonk, Ill.
Chicago & Ohio C. & Car Co., Chicago.
Chicago-Virden Coal Co., Chicago.
Chi., Wil't'n. & Ver'l'n C. Co., Chicago.
Chickamauga C. & I. Co., Durham, Ga.
Childs, Walter C., Philadelphia, Pa.
Chilton, W. P., Eddyville, Iowa.
Chinn, John, Lowry City, Mo.
Chisholm Coal Co., Chisholm, Iowa.
Chism & Curtis, Chesterfield, Ill.
Choctaw Coal Co., Dallas, Tex.
Choctaw Coal & Mg. Co., Savanna, I. T.
Choctaw C. & Ry. Co., Philadelphia, Pa.
Chrisman, Geo., Sparland, Ill.
Christian, C. G., Elkton, Ky.
Christie, Andrew, Pincher Creek, N. W. T.
Christison, A. J., Sullivan, Ky.
Christman, Frank, Yates City, Ill.
Christopher, O., Gadsden, Ala.
Christy Coal Co., Des Moines, Iowa.
Church, J. B. & W., Denver, Colo.
Church Coal Co., Scranton, Pa.
Church Hill Coal Co., Dutch Hill, Pa.
Cincinnati Coal Co., Cincinnati, Iowa.
Cin. C. & C. Co., Cincinnati, Ohio.
Cisco Mg. Co., Cleveland, Ohio.
Citizens Coal Co., Flemingsburg, Ky.
Citizens C. Mg. Co., Lincoln, Ill.
Citizens C. Mg. Co., Springfield, Ill.
Citizens C. & C. Co., Denver, Colo.
City Coal Co., Centerville, Iowa.
City Coal Co., Durango, Colo.
City Coal Co., Niantic, Ill.
Claft, P., Rousseau, Ky.
Clare Coal Co., Farmington, Ill.
Claridge Gas C. Co., Greensburg, Pa.
Clark Coal Co., Brookfield, Mo.
Clark C. & C. Co., Fairmont, W. Va.
Clark, F. F., Hooversville, Pa.
Clark, Francis, Leonard, Ky.
Clark, Frank, Vincennes, Ind.
Clark, Geo. M., Chattanooga, Tenn.
Clark, J. A., Glen Campbell, Pa.
Clark, Jas., Leonard, Ky.
Clark, James, Cannelton, Ind.
Clark, J. N., Fayetteville, Ark.
Clark, John, County Line, Iowa.
Clark, L. H., Back Bone, Ky.
Clark, Lyman, Wesco, Pa.
Clark, M., Marceline, Mo.
Clark, Morgan, Laynesville, Ky.
Clark, Robt., Laynesville, Ky.
Clark, Robt., Stewartsville, Ohio.
Clark Tunnel C. Co., Scranton, Pa.
Clark, W. H., McKee, Ky.
Clark, Wilson, Lamar, Mo.
Clark & Floehard, Boonesboro, Iowa.
Clarksdale Coal Co., Mystic, Iowa.
Clay, Elisha, Crockettsville, Ky.
Clay Co. Block C. Co., Brazil, Ind.
Claypole, J. H., North Buffalo, Pa.
Clayton, C. A., Gadsden, Ala.
Clayton, Ed., Buck Grove, Ky.
Clayton, J., Priest Valley, Cal.
Clayton, James, Beaver Falls, Pa.
Clayton, J. R., Lippincott, Pa.
Clayton, Sam., C. Co., Gadsden, Ala.
Clayton, Willis, Avon, Ill.
Clayton, W. F., Beaver Falls, Pa.
Cle Elum Coal Co., Cle-Elum, Wash.
Clear Lake Co-op. C. Co., Springfield, Ill.
Clearfield Bit. C. Co., Philadelphia, Pa.
Clearfield Coal Co., Williamsport, Pa.
Clearfield Con. Coal Co., Portage, Pa.
Cleary, John, Wampum, Pa.
Clemens, G. W., Rousseau, Ky.
Clemens, Moses, Rousseau, Ky.
Clemens, S. C., Cadiz, Ohio.
Clements, D. P., Carbondale, Kan.
Clements, Geo., Prospect, Ore.

Clements, G. W., Magan, Ky.....
Clemow, F., Ottawa, Ont.....
Clendennin, Joe, Petersburg, Ind.....
Cleveland Coal Co., Cleveland, Ohio.....
Cleveland Coal Co., Erie, Colo.....
Cleveland & Coal'n C. Co., Coshocton, O..
Cleveland C. & I. Co., Nashville, Tenn....
Clever, G. H., Belknap, Pa.....
Clever, Wm., Wymps Gap, Pa.....
Clifford, G. L., Oneida, Ill.....
Clifton, J. B., Georgetown, Ill.....
Clinch Valley C. & C. Co., Va. City, Va...
Cline & Shaw, Piatt, Ill.....
Cline & Shaw, Galesburg, Ill.....
Clingan, C. N., Hubbard, Ohio.....
Clingan, E. R., Belt, Mont.....
Clinton, J. W., Urich, Mo.....
Clinton Coal Co., Rockport, Pa.....
Clinton Mg. Co., Clinton, Ill.....
Clipper Coal Co., Allenport, Pa.....
Clover Hill Mine, Winterpock, Va.....
Cloyd, D. M., Dublin, Va.....
Clutts, A., & Son, Samsonville, Ohio.....
Clyde C. & Mg. Co., Boone, Iowa.....
Coahuila Coal Co., New York.....
Coal Bluff Mg. Co., Terre Haute, Ind.....
Coal City C. & C. Co., Birmingham, Ala...
Coal City Mg. Co., Coal City, Ala.....
Coal Creek Coal Co., Knoxville, Tenn.....
Coal Creek Mines, Coal Creek, Ind.....
Coalburg Colliery Co., Handley, W. Va....
Coaldale Brick & Tile Co., Coaldale, Ala..
Coaldale Coal Co., Philipsburg, Pa.....
Coaldale C. & C. Co., Coaldale, W. Va.....
Coaldale Mg. Co., New York.....
Coaling C. & C. Co., Coaling, Ala.....
Coal Harbor C. Mg. Co., San F., Cal.....
Coal Ridge Coal Co., Philadelphia, Pa.....
Coal Run Coal Co., Streator, Ill.....
Coalton Coal Co., Coalton, Ohio.....
Coal Valley C. & C. Co., Montgomery, W. Va .....
Coal Valley Mg. Co., Montgomery, W. Va.
Coal Valley Mg. Co., Rock Island, Ill.....
Coalville Coal Ass'n, Streator, Ill.....
Coaster & Jacobs, Grape Creek, Ill.....
Cobern, Adam, Goodloe, Ky.....
Coburn, Henry, Coal Harbor, N. D.....
Cochran, Alex., Quaker City, Ohio.....
Cochran, A. C., Frazeysburg, Ohio.....
Cochran, James, Dawson, Pa.....
Cochran, J., Sons & Co., Vanderbilt, Pa...
Cochran, Wm., Elk Lick, Pa.....
Cochrane, Thos., Colchester, Ill.....
Cody, Richard, Peoria, Ill.....
Coeburn Colliery Co., Coeburn, Va.....
Coffman, John, Carbondale, Kan.....
Coffman, W. H., Coke Co., Bluefield, W.Va.
Coffeen Coal & Cop. Co., Coffeen, Ill.....
Cogar Creek Mg. & C. Co., Flat Rock, Ky.
Cogdill, A., New Castle, Ill.....
Cohagen & Archauer, Haydenville, Ohio...
Cohen, A. B., Sedalia, Mo.....
Coin, Samuel, Gadsden, Ala.....
Colchester Coal Mg. Co., Truro, N. S.....
Colchester Coal & Mg. Co., Colchester, Ill.
Coldiron, J. D., Laurel Creek, Ky.....
Coldiron, J. H., Poor Fork, Ky.....
Cole, Clark, Cassville, W. Va.....
Cole, Dial, Swampton, Ky.....
Cole, E. O., Big Run, Ohio.....
Cole, J. H., West Liberty, Ky.....
Cole, John S., Jerico, Mo.....
Cole, M., Lamar, Mo.....
Cole, Mathew, Jerico, Mo.....
Colebrookdale Coal Co., Philadelphia, Pa..
Coleman, S., & Son, Pine Hill, Pa.....
Coleman, W. B., Wadsworth, Ohio.....
Coleman, W. J., New Geneva, Pa.....
Colen, J., Carbon, Iowa.....
Colfax Coal & Mg. Co., Colfax, Ill.....
Colgate & Co., Austen, W. Va.....
Collier Co-op. Coal Co., Bartonville, Ill...
Collier, M. D., Partridge, Ky.....
Collier, Wm., Doylestown, Ohio.....
Collier, Wm., New Bedford, Pa.....
Collins, B. F., Rockhouse, Ky.....
Collins Bros., Coalville, Iowa.....
Collins Colliery Co., Glenjean, W. Va.....
Collins Co-op. Coal Co., Bartonville, Ill....
Collins, Ed. C., Philadelphia, Pa.....
Collins, I., Lackey, Ky.....
Collins, J. C., Caryville, Tenn.....
Collins, J. M., & Co., Rockhouse, Ky.....
Collins, Mrs. N. J., Falcon, Ky.....
Collins, P. W., Viola, Ill.....
Collins, S. L. C. & Mg. Co., Knoxville, Ia.
Collins, W. D., Baker, Ky.....
Collins, W. & J., East Point, Ky.....
Collins & Co., Knoxville, Iowa.....
Collins & Paul, Sheffield, Ill.....

Colonial Mg. Co., Boston, Mass.....
Colo. Coal & Iron Co., Pueblo, Colo.....
Colo. Coal, Iron & Dev. Co., New York....
Colo. Coke Co., Trinidad, Colo.....
Colo. Fuel & Iron Co., Denver, Colo.....
Colo. Smokeless Coal Co., Denver, Colo....
Colton, Jno., Brimfield, Ill.....
Columbia Coal Co., Centerville, Iowa.....
Columbia Coal Co., Pittsburg, Pa.....
Columbia Coal Mg. Co., Columbia, Mo.....
Columbia Coal Mg. Co., Philadelphia, Pa..
Columbia Gas Coal Co., W. Newton, Pa...
Columbian Coal Co., Oskaloosa, Iowa.....
Columbus Coal Co., Columbus, Kan.....
Columbus Coal Mg. Co., Columbus, Ohio..
Columbus & Brush C'k C. Co., Conesville, Ohio .....
Columbus & Hocking Coal & I. Co., Columbus, Ohio.....
Columbus & East'n C. Co., Columbus, O...
Columbus & Shawnee C. Co., Columbus, O.
Colvert & Bro., Marshall, Mo.....
Colyer, L. R., Juno, Ky.....
Combs, A., Conkling, Ky.....
Combs, A. J., Eversole, Ky.....
Combs, Andrew, Buncombe, Ky.....
Combs, Azro, Hanson, Ky.....
Combs, G. P., Hindman, Ky.....
Combs, R., Crockettsville, Ky.....
Combs, Samuel, Buncombe, Ky.....
Combs, Squire, South Fork, Ky.....
Combs, Tarlton, Eversole, Ky.....
Combs, Wilson, Rothwell, Ky.....
Combs, Wm. L., Zanesville, Ohio.....
Comer, G. W., Inez, Ky.....
Comet Coal Co., Wellston, Ohio.....
Compton, O., New York.....
Conemaugh Coal Co., Conemaugh, Pa.....
Congham, M., Morgan Springs, Tenn.....
Conglomerate Mg. Co., Philadelphia, Pa...
Congo Coal Mg. Co., Congo, Ohio.....
Conklin, E., Sandyville, Iowa.....
Conley, A. E., Paintsville, Ky.....
Conley, D., Goodloe, Ky.....
Conley, Jno., Coshocton, Ohio.....
Conley, Owen, Oneida, Ill.....
Conley, W. J., East Point, Ky.....
Connell Coal Co., Scranton, Pa.....
Connellsville Coal Co., Philadelphia, Pa...
Connellsville C. & C. Co., Tacoma, Wash..
Connellsville & Ursina C. & C. Co., Scottsdale, Pa.....
Conner C. & I. Co., Hamilton, Wash.....
Connolly, Wm., & Co., Minooka, Pa.....
Connor, P., Toronto, Ohio.....
Connor, W. H., Albright, W. Va.....
Connors, Andy, Milo, Iowa.....
Conquelin & Co., Streator, Ill.....
Conrad, T., Sons, St. Clairsville, Ohio.....
Cons. Cambridge Coal Co., Elyria, Ohio...
Consolidated Coal Co., Boston, Mass.....
Consolidated Coal Co., Cincinnati, Ohio....
Consolidated Coal Co., New York.....
Consolidated Coal Co., Philadelphia, Pa....
Consolidated Coal Co., St. Louis, Mo.....
Consolidated Coal Co. of Wyoming, Hams Fork, Wyo.....
Consolidated C. & Mg. Co., Cincinnati, O..
Con. Farmers C. Co., Higginsville, Mo.....
Consolidated Mg. Co., Montgomery, W. Va.
Consolidated Mg. Co., Philadelphia, Pa....
Consolidated Mg. Co., Union Mines, W.Va.
Consolidated Scotia C. Co., Ltd., Amherst, N. S.....
Consolidation Coal Co., Baltimore, Md.....
Consolidation Coal Co., Muchakinock, Ia..
Consumers Coal Co., Caseyville, Ill.....
Consumers Coal Co., O'Fallon, Ill.....
Consumers C. & Mg. Co., Spilman, W. Va.
Conway, Sam, Rumsey, Ky.....
Conway & Shanles, Lewiston, Mont.....
Cook, A. J., Bellefonte, Pa.....
Cook, B. F., Georgetown, Ill.....
Cook, John, Alexis, Ill.....
Cook, John, Staunton, Ind.....
Cook, J. W. H., Canonsburg, Pa.....
Cook, Wm., Coal Valley, Ill.....
Cook, Wm., Peoria, Ill.....
Cook, Wm., & Son, Alexis, Ill.....
Cook & Matherly, Bloomington, Mo.....
Cook & Sons, McGovern, Pa.....
Cooke, John G., Marietta, Ala.....
Cooke, John G., Patton, Ala.....
Cooke, J. W., & Co., Philadelphia, Pa.....
Cooley, J. M., Cairo, Mo.....
Coolidge Coal Co., Fruitland, N. Mex.....
Coomes, C. E., Knottsville, Ky.....
Coonley, G. W., Albany, N. Y.....
Coon Valley C. & Mg. Co., Des Moines, Ia.
Coontz, Adam, Flora, W. Va.....
Co-operative Coal Co., Bergholz, Ohio.....

Co-operative Coal Co., Braidwood, Ill.....
Co Operative Coal Co., Mystic, Iowa.....
Co-operative C. & Mg. Co., Lewis Sta., Mo.
Co-operative Mg. & Mfg. Co., Barnsley, Ky.
Cooprider, J. W., Clay City, Ind.....
Cooper, A. P., Lickburg, Ky.....
Cooper, B., Amsterdam, Mo.....
Cooper, Will, Staunton, Ind.....
Cooper, Wm., Caseyville, Ky.....
Cooper Coal Co., Short Creek, W. Va.....
Cooper, H., & Son, Nilwood, Ill.....
Cooper, J., & Co., Cooper's, W. Va.....
Cooper, W. & R., Line Creek, Ky.....
Cope, Jas. S., Taulbee, Ky.....
Copeland, J. S., Dresden, Ohio.....
Copeland & Co., Montreal, Que.....
Copley, J., Inez, Ky.....
Copp, A. C., Taulbee, Ky.....
Coppenger, Thos., Cortez, Colo.....
Corbin Coal Co., Shamokin, Pa.....
Corbit, J., Six Points, Pa.....
Corder C. & C. Co., Corder, Mo.....
Cordis, Chas., Richland, Iowa.....
Cordis, C. C., Richland, Iowa.....
Cordray, J. H., Canton, W. Va.....
Corey, G. W., Lehigh, Iowa.....
Corey, H. A., Lehigh, Iowa.....
Corey, C. S., & Co., Lehigh, Iowa.....
Corey Coal Co., Lehigh, Iowa.....
Corey Coal Co., Pittsburg, Pa.....
Corey Gas Coal Co., Pittsburg, Pa.....
Corfet, J. C., Johnstown, Pa.....
Corilla Coal Co., Birmingham, Ala.....
Cornelia Coal & Iron Co., Jackson, Ohio...
Cornelius, Z., Blountsville, Ala.....
Cornell, Wm., Otsego, Ohio.....
Cornon, E. D., Jeddo, Ohio.....
Corona C. & C. Co., Corona, Ala.....
Corona C. & I. Co., Corona, Ala.....
Corrigan, McKinney & Co., Cleveland, O..
Corsky, L., Mize, Ky.....
Cortright, H. D., & Son, Mauch Chunk, Pa.
Corundum Mg. Co., Glen Hall, Pa.....
Corunna Coal Co., Corunna, Mich.....
Corydon Coal Co., Corydon, Ky.....
Coshocton Coal Co., Cleveland, Ohio.....
Cottage Grove Coal Co., Cleveland, Ohio..
Cotterill, Fred, Oakland City, Ind.....
Cottman, John, Norwalk, Iowa.....
Cotton, Jno., West Jersey, Ill.....
Coughlin Bros., Peterton, Kan.....
Cougleton, W. B., Bowen, Ky.....
Coulson, Foster, Wyoming, Ill.....
Coulterville Mg. Co., Coulterville, Ill.....
Coursor, G. W., Toby, Pa.....
Courteney Coal Co., Coal Bluff, Pa.....
Courtright, Kistler & Co., Hollister, Ohio..
Courtright & Kistler, Columbus, Ohio.....
Covey, Jas. A., Danville, Ill.....
Cowdery Bros., Lethbridge, N. W. T.....
Cowell, Wm., Coal Run, Ohio.....
Cowell & Posey, Coal Run, Ohio.....
Cowling, Thos., North Alton, Ill.....
Cowyill, F. A., Cumberland, Ohio.....
Cox Coal Mg. Co., Tamaroa, Ill.....
Cox, David, Hillsboro, Iowa.....
Cox, John, Robinson Creek, Ill.....
Cox, W. A., Chillicothe, Mo.....
Cox, Wiley, New Burnside, Ill.....
Cox & Hockenberry, Cox's Land'g, W. Va.
Coxe Bros. & Co., Drifton, Pa.....
Coy, David, Salem, Ohio.....
Coyle Coal Co., Redfield, Ohio.....
Coyne Av. Coal Co., Hubbard, Ohio.....
Coyne & Co., Middlesboro, Ky.....
Crabtree Coal Mg. Co., Ilsley, Ky.....
Craft, J. N., Darlington, Pa.....
Craig Coal Co., Ft. Dodge, Iowa.....
Craig, Geo., Reward, Pa.....
Craig, Hector, Greece City, Pa.....
Craig, H. H., Widnoon, Pa.....
Craig, J. E., Widnoon, Pa.....
Craig, M. F., Brisbin, Pa.....
Crain, A. C., Grubb, Ill.....
Cram, C. S., Pittston, Pa.....
Crane, I. N., Barnett, Mo.....
Crase, A. J., Indian Bottom, Ky.....
Cratty C. Co., Columbus, Ohio.....
Crawford, Chas., Havre, Mont.....
Crawford, C. B., Walker, Mo.....
Crawford, Garver Bros. & Co., McCuneville, Ohio.....
Crawford, Godfrey N., New Lisbon, Ohio..
Crawford, R. C., Sierra Blanca, Tex.....
Crawford Coal Co., Brazil, Ind.....
Crawford Coal Co., Terre Haute, Ind.....
Crayne, J. B., Lippincott, Pa.....
Creason, G., Yelvington, Ky.....
Creason, H., Yelvington, Ky.....
Cree, Wm., Centerville, Iowa.....
Creech, John, Back Bone, Ky.....

COAL—Continued.

Creech, J. H., Evarts, Ky.....
Crescent Coal Co., Albuquerque, N. Mex..
Crescent Coal & Mg. Co., Chicago, Ill.....
Crescent Coal Co., Coeburn, Va.....
Crescent Coal Co., Columbus, Ohio.....
Crescent Coal Co., Wilkesbarre, Pa.....
Crescent Coal Co., Yates, Pa.....
Crescent Coal Mg. Co., Philadelphia, Pa...
Cresson Coal & Coke Co., Cresson, Pa.....
Cresson & Clearfield C. & C. Co., Frugality, Pa.....
Crew, Joseph, Chillicothe, Ill.....
Crew, R., Chillicothe, Ill.....
Cridder, Sam'l, East Point, Ky.....
Crisp, H., Alphoretta, Ky.....
Criterion Coal Co., Philadelphia, Pa.....
Critis & Gaston, Gaston, W. Va.....
Croasman, James, Valier, Pa.....
Cron, David, Cat Creek, Ky.....
Crone, Frank H., Wheeling, W. Va.....
Crooked Creek R. R. & Coal Co., Lehigh, Iowa .....
Crook & Perham, Boston, Mass.....
Croper, John, Lonaconing, Md.....
Cross, John, Roanoke, Mo.....
Cross, J. M., Sturgis, Ky.....
Cross, Wm., Eau Claire, Pa.....
Crow, C. C., Winslow, Ind.....
Crow, Wm., Norwalk, Iowa.....
Crowe & Marshall, Boone, Iowa.....
Crowley & Pope, Lander, Wyo.....
Crown C. & F. B. Co., Harmony, Ill.....
Crown Coal Co., Belleville, Ill.....
Crown Coal Co., St. Louis, Mo.....
Crown Fire Clay Co., Canal Dover, Ohio..
Crown Hill Colliery Co., Crown Hill, W. Va .....
Crown Hill Splint Coal Co., Crown Hill, W. Va.....
Crown Point Coal Co., Gallup, N. Mex....
Crow's Nest Coal Co., Victoria, B. C.....
Crowson, Wm., & Sons, St. Louis, Mo.....
Crowthers, Jonas, Coal Centre, Pa.....
Croxon & Ashurst, New Idria, Cal.....
Croxton, H. & W., Pleasant View, Ill.....
Croxton, W., Jr., Pleasant View, Ill.....
Crozer C. & C. Co., Elkhorn, W. Va.....
Cruck, H., Conkling, Ky.....
Crumbacker, Geo., Wheeling, W. Va.....
Crump, S. S., & Co., Dravosburg, Pa.....
Cruse, J. B., Cruseton, Ky.....
Cryer, Jas., Morris, Ill.....
Crystal Creek Coal Co., Beattyville, Ky...
Cuba Union Coal Co., Cuba, Ill.....
Cuhl, E. C., Tamaroa, Ill.....
Cullen, A. E., Clay, Ky.....
Cullen, Rees & McKee, Carbon, Iowa.....
Culton, J. W., McKee, Ky.....
Cumberland Coal Co., Baltimore, Md.....
Cumberland Coal Co., Sturgis, Ky.....
Cumberland C. Mg. Co., Coal Run, Pa.....
Cumberland Ry. & C. Co., Spring Hill, N. S.....
Cumberland & Elk Lick C. Co., Meyersdale, Pa.....
Cumberland & Summit C. & C. Co., Meyersdale, Pa.....
Cumming & Co., Sparland, Ill.....
Cummings, F., Roodhouse, Ill.....
Cummings & Groves, Rushville, Ill.....
Cummins, Abe., Dent, Pa.....
Cunard Coal Co., Sewell, W. Va.....
Cunard Coal Co., Six Mile Run, Pa.....
Cundliff, H., Paradise, Ky.....
Cuny, C. W., Frankfort Springs, Pa.....
Cupp, D. S., Casselman, Pa.....
Curnette, D. T., Prosperity, Ky.....
Curry, N., Coal Valley, Ill.....
Curry, Samuel, Gilhall, Pa.....
Curry & Kirk, Bergholz, Ohio.....
Currysville Coal Co., Shelburn, Ind.....
Curtis, N. D., Godfrey, Kan.....
Curtis, Sanford, Chesterfield, Ill.....
Curtis, S. F., Minersville, Kan.....
Curtner, Jno., South America, Ill.....
Cusson & Clearfield C. & C. Co., N. Y....
Cymbria Coal Co., Philadelphia, Pa.....
Dack, Ben D., Jeremiah, Ky.....
Dade Coal Co., Chattanooga, Tenn.....
Dade Co. Coal & Mg. Co., Sylvania, Mo...
Daisy Coal Co., Daisy, Tenn.....
Daisy Coal Co., Pittsburg, Ky.....
Dalby Coal Co., Angus, Iowa.....
Dale, J. N., Haystack, Ky.....
Dale & Goodwin, Grand Jct., Iowa.....
Dalley Bros., Angus, Iowa.....
Dalton, L., Yates City, Ill.....
Daniels, Alex., Henry, Ill.....
Daniels, D., Ward City, Ky.....
Daniels, G. W., Ward City, Ky.....
Daniels, John, Ottumwa, Iowa.....
Daniels, Jos., Paintsville, Ky.....
Daniels, Lee, Jerico, Mo.....
Daniels, O., Danville, Ill.....
Daniels & Marsh, Birkner, Ill.....
Daniels & Watkins, Mineral Ridge, Ohio..
Danks, T. J., Monroe, Iowa.....
Danville Coal Co., Eddyville, Wash.....
Danville Mg. Co., Danville, Ill.....
Darby Coal Co., Darbyville, Iowa.....
Darling, A., New York.....
Darneal Coal Co., Richmond, Mo.....
Darr, E. B., North Industry, Ohio.....
Darr, John, Jacobs Creek, Pa.....
Darrah, A. C., St. Clairsville, Ohio.....
Darwin, J. T., Evensville, Tenn.....
Datts, P., Eddyville, Iowa.....
Daubin, C. C., Lamar, Mo.....
Daugherty, P. E., Wheeling, W. Va.....
Daugherty, P. V., Maholm, Ohio.....
Daugherty, S. C., Alum Bridge, W. Va....
Daugherty, Wm., Catlin, Ill.....
Daum, Louis, Mapleton, Ohio.....
Davenport, Alsopp & White, New Castle, Ill. .....
Davenport & Alsopp, New Castle, Ill.....
Davenport & Co., Harrisburg, Ill.....
Daveny Bros., Liberal, Mo.....
Davey Bros., Bailey's Mills, Ohio.....
Davey, Isaac R., Browns Station, Mo.....
Davey, R. H., Barnesville, Ohio.....
Davey, Walter, Barnesville, Ohio.....
Davey, Wm., Barnesville, Ohio.....
Davidson, A. L., Laynesville, Ky.....
Davidson, B. C., Uniontown, Ky.....
Davidson, Daniel, Chavies, Ky.....
Davidson, E., Chavies, Ky.....
Davidson, John, Chavies, Ky.....
Davidson, S. B., Moores Creek, Ky.....
Davidson, S. P., Laynesville, Ky.....
Davidson, Thos., Albany, Ky.....
Davidson & Nelson, Versailles, Mo.....
Davies Coal Co., Chenoa, Ill.....
Davies Hywel Coal Co., Kensee, Ky.....
Daviess Co. Coal Co., Washington, Ind....
Davis, A. B., Jerico, Mo.....
Davis, Amos, West Liberty, Ky.....
Davis, B. L., Paintsville, Ky.....
Davis Bros., Coshocton, Ohio.....
Davis Bros., Mineral Ridge, Ohio.....
Davis Bros., St. Clair, Pa.....
Davis, C. C., Mexico, Mo.....
Davis Coal Co., Knightsville, Ind.....
Davis Coal Co., Mineral Point, Ohio.....
Davis Coal Co., Philadelphia, Pa.....
Davis Coal & Coke Co., Baltimore, Md....
Davis C. & C. Co., New York.....
Davis C. & C. Co., Thomas, W. Va.....
Davis Coal & Mg. Co., Brazil, Ind.....
Davis, David, Conesville, Ohio.....
Davis, David E., New Lexington, Ohio...
Davis, D. P., Western Star, Ohio.....
Davis, E., Fontanet, Ind.....
Davis, E. S., Alliance, Ohio.....
Davis, Ezra, Caldwell, Ohio.....
Davis, Geo. C., Hamilton, Iowa.....
Davis. Geo. M., Lansford, Pa.....
Davis, Harry, Cogan Station, Pa.....
Davis, H., Sparland, Ill.....
Davis, H. G., Coal Co., Piedmont, W. Va..
Davis, H. G. & Bro., Piedmont, W. Va....
Davis, J., Ward City, Ky.....
Davis, Jackson, Vermont, Ill.....
Davis, J. G., Olivet, Iowa.....
Davis, J. H., Broad Mountain, Pa.....
Davis, J. L., Coshocton, Ohio.....
Davis, John, Fraziers Bottom, W. Va.....
Davis, John W., Lansford, Pa.....
Davis, Jos., Zollarsville, Pa.....
Davis Mining Co., Redfield, Ohio.....
Davis, Mrs. Mary, Pomeroy, Ohio.....
Davis, M. T., Montgomery, W. Va.....
Davis, Perry, Vernon, Iowa.....
Davis, Preston & Co., Bradenville, Pa.....
Davis, Richard, Cherokee, Kan.....
Davis, R. C., Leighton, Iowa.....
Davis, R. M., Beda, Ky.....
Davis, R. M., Confidence, Iowa.....
Davis, R. P., Daisydell, Ky.....
Davis, T. J., South, Ky.....
Davis, Wm., Caseyville, Ky.....
Davis, W. F. & Co., Coal Valley, W. Va..
Davis, W. P., Ward City, Ky.....
Davis, W. S., Manitou, Ky.....
Davis & Cassingham, Coshocton, Ohio.....
Davis & Gallagher, Bellaire, Ohio.....
Davis & Son, Zollarsville, Pa.....
Davis & Thomas, Thurman, Ohio.....
Davison, James, Sparta, Ill.....
Davison, John, Danleyton, Ky.....
Davison, Robt., Newton, Iowa.....
Davisson, R., Simpson, W. Va.....
Dawson Coal Co., Chicago, Ill.....
Dawson, E. B., Streator, Ill.....
Day Bros., Midway, Ind.....
Day, B. F., Rothwell, Ky.....
Day, G. W., Laddonia, Mo.....
Day, H., Maggard, Ky.....
Day, Harry, Sherodsville, Ohio.....
Day, H. F., Kings Creek, Ky.....
Day, J. T., Hazel Green, Ky.....
Day, Wm. H., Buncombe, Ky.....
Day & Day, Flag, Ohio.....
Dayton Coal Co., Dayton, Iowa.....
Dayton Coal Co., Dayton, Tenn.....
Deamon Coal & Mg. Co., East Brady, Pa..
Deane, Guy M., Deanefield, Ky.....
Dean, H. M., Jacksonville, Mo.....
Dean, J. R., Adams, Ky.....
Dean, Sam, Great Falls, Mont.....
Dean, W. A., New York.....
Dean & Hopper, Perry, Ill.....
Deaton, J. G., Crockettsville, Ky.....
Deaton, Thos., Crockettsville, Ky.....
Deaton, Wm., Crockettsville, Ky.....
Debolt, Henry, Mapletown, Pa.....
Debusk, J., Mize, Ky.....
Decatur Coal Co., Decatur, Ill.....
Decatur Coal Co., Philipsburg, Pa.....
Decelus, Gus., Havre, Mont.....
De Champlain & Thomas, New Whatcom, Wash. .....
Decil, R. T., Zebulon, Ky.....
Deep Vein Coal Co., Foster, Iowa.....
Deer Creek Coal Co., Glenrock, Wyo.....
Deer Creek Coal Co., Patton, Ala.....
Deer Creek Coal Co., Philadelphia, Pa.....
Deets & Black, Richmond, Ohio.....
De Forest, D. A., De Forest, Ind.....
De Forest, Belzert & Dodd, Boonville, Ind.
De Garmo, G. E., Unionville, Mo.....
Dehoff, Wm., Mapleton, Ohio.....
Deitz, Thos., Zanesville, Ohio.....
Deitz & Masterson C. & C. Co., Hawksnest, W. Va.....
Delaney, D. G., Hawks, Ohio.....
Delaney, Mark, Homestead, Pa.....
Delaney & Gould, Brisbin, Pa.....
Delang, R., Pleasant, Ky.....
Delano Land Co., Wilkes-Barre, Pa.....
Delaware Coal Co., Philadelphia, Pa.....
Delaware Coal & Mg. Co., Chicago, Ill....
Del., Lack. & W. R. R. Co., Scranton, Pa..
Delaware & Hud. Can. Co., Scranton, Pa..
Dellenne, O. J., Laddonia, Mo.....
Del Monte Coal Co., San Francisco, Cal...
Deloche, L. V., Bridgeport, Ohio.....
Delos, Cumming, Syracuse, N. Y.....
Delta Coal Co., Pittsburg, Pa.....
Delta Coal Mg. Co., Philadelphia, Pa.....
Delta C. & C. Co., Maybeury, W. Va.....
Delworth, W. P. & Co., Ltd., Pittsburg, Pa. .....
Demham & Evans, Hermitage, Pa.....
Dempster, Alex., Pittsburg, Pa.....
Denham, John H., Barton, Ohio.....
Denney, Wm., Rockport, Utah.....
Denning Bros., St. Clair, Pa.....
Denning, W. B., St. Clair, Pa.....
Dennis, J. J. & W. T., Frenchburg, Ky..
Dennis, Thos., Youngstown, Ill.....
Denniston, J. M., North Liberty, Pa.....
Denniston, Porter & Co., Hollidaysburg, Pa. .....
Denny, J. L., Flint, Ill.....
Densimore Coal Co., Cleveland, Ohio.....
Denver Coal Co., Ltd., Denver, Colo.....
Derby Coal Co., Philipsburg, Pa.....
Derby Coal & Coke Co., Latrobe, Pa.....
Deskins, Jas., White Post, Ky.....
Deskins, Jeff, Shacks Mills, Va.....
Deskins, S., White Post, Ky.....
Des Moines Coal Co., Des Moines, Iowa..
Des Moines C. & Mg. Co., Des Moines, Iowa .....
Despard Gas Coal Co., Baltimore, Md.....
Detenbeck, J. A., Zanesville, Ohio.....
Detwiler, Martin, Moyer, Pa.....
Devault, Joseph, Minerton, Ohio.....
Devine, B., Sylvania, Mo.....
Devlin Coal Co., Toluca, Ill.....
Dewey, B. F., Pittston, Pa.....
Dewey, D. R. & Co., Hamilton, Ont.....
De Witt, Richard, Sang Run, Md.....
Dezarn, Caleb, Tanksley, Ky.....
Diagonal Coal Co., St. Paul, Iowa.....
Dial, Thos., Eldon, Iowa.....
Diamond Block Coal Co., Brazil, Ind.....
Diamond Coal Co., Altamont, Ky.....
Diamond Coal Co., Buffalo, Wyo.....
Diamond Coal Co., Coshocton, Ohio.....

Diamond Coal Co., Numa, Iowa
Diamond C. & Land Co., Hazleton, Pa.
Diamond Coal Mg. Co., Evansville, Ind.
Diamond Fire Clay Co., Uhrichsville, Ohio.
Diamond, J. & Son, Astoria, Ill.
Diamondville Coal Co., Hams Fork, Wyo.
Dick, Frank E., Coaldale, Ohio.
Dick, Henry, Hopewell, Ohio.
Dick, William, Mt. Sterling, Ohio.
Dickeson & Frazier, Grape Creek, Ill.
Dickey, A. R., Deersville, Ohio.
Dickey, W. S., Clay Mfg. Co., Kansas City, Mo.
Dickinson, L., Nickelsville, Va.
Dickinson, W. C., Rochester, N. Y.
Dickinson, J. Q. & Co., Malden, W. Va.
Dickson Coal Co., Pittsburg, Pa.
Dickson, H. A., Hardin, Mo.
Dickson, T. P., Kansas City, Mo.
Dickson, W. S., McKee, Ky.
Dickson & Eddy, New York.
Diebold, F. B. Co., Canton, Ohio.
Dietienne, O. J., Mt. Carmel, Mo.
Dietz, T., Zanesville, Ohio.
Dill & Wallace, New Burnside, Ill.
Dillon, Hugh, Flag, Ohio.
Dillon, Lewis, Humrick, Ill.
Dills, Jas., Paintsville, Ky.
Dillworth, Wm. P. & Co., Scott Haven, Pa.
Dimmick C. & C. Co., River View, W. Va.
Dimock Coal Co., Thurmond, W. Va.
Dingee Merriam Co., Lynchburg, Va.
Dingus, E. S., Alphoretta, Ky.
Dingus, G. A., Goodloe, Ky.
Dingus, Jas., Alphoretta, Ky.
Dingus, John, Inez, Ky.
Dingus, J. W., Danleyton, Ky.
Dingus, Nancy, Alphoretta, Ky.
Dingus, S. P. & M. C., Alphoretta, Ky.
Dingus, Wm., Goodloe, Ky.
Dinsmire, Jos., Clarksburg, Pa.
Dinsmire, D. & Sons, Herman, Pa.
Dinsmore, Chas., Scandia, Pa.
Dinsmore, Silas, Scandia, Pa.
Dinsmore, Wm., Arcadia, Kan.
Ditman, H., Danville, Ill.
Ditman, Wm., Lamartine, Pa.
Ditmar, W. C., Kirksville, Mo.
Ditzler, H., Oro, Ill.
Ditzler & Mercke, Sato, Ill.
Divins, T. M., Brinkerton, Pa.
Dixon, L., Paintsville, Ky.
Dixon, John, California, Pa.
Dixon, Jas. D., Jeremiah, Ky.
Dixon, John C., Poor Fork, Ky.
Dixon, J. W., Milford, Mo.
Dixon, R. L., Lockwood, W. Va.
Dixon, Wm., Evarts, Ky.
Dixon, W. V., Indian Bottom, Ky.
Dixon & Morrill, Morris, Ill.
Dixon & Price, Ford, Iowa.
Dobbins, Wm., Danville, Ill.
Dobney Mg. Co., Pomeroy, Ohio.
Dodso, Weston & Co., Philadelphia, Pa.
Dobson, G. H., North Sydney, N. S.
Docherty, Thos. D. & P., Preemption, Ill.
Dodds, Jos., Blandinsville, Ill.
Dodds, T. C., Knoxville, Ill.
Dodson, A., Hopewell, Pa.
Dodson Coal Co., Morea, Pa.
Dodson, C. M. & Co., Audenried, Pa.
Dodson, John J., Hallowell, Kan.
Dodson-Plymouth Coal Co., Plymouth, Pa.
Dodsworth, Wm., Laura, Ill.
Doering & Co., East Peoria, Ill.
Dolph Coal Co., Scranton, Pa.
Domestic Coal Co., Canton, Ohio.
Dominion Coal Co., Ltd., Boston, Mass.
Dominion Coal, Coke & Transportation Co., Winnipeg, Man.
Donald Grant Mg. Co., Duluth, Minn.
Donald & Jameson, Loding, Ill.
Donlet, Daniel, Vinco, Pa.
Donohoe & Mangan, Albany, N. Y.
Dooley, T. L., Adams, Ky.
Dooley, W. E., Adams, Ky.
Doop, I., Mantey, N. Mex.
Doppelheur, H. F., Mount Clare, W. Va.
Dora Coal Mg. Co., Horse Creek, Ala.
Dorsey, J. C., Lockwood, W. Va.
Dorsey, L. H., Lockwood, W. Va.
Doss, Geo. W., South Carrollton, Ky.
Dotts, G., Eddyville, Iowa.
Doty, Cleaver & Co., Pittsburg, Pa.
Douds & Miller, Pittsburg, Pa.
Dougherty Coal Co., Altoona, Pa.
Douglas Coal Co., Blythedale, Pa.
Douglas, Geo., Barnesville, Ohio.
Douglas, Jos., Barnesville, Ohio.
Douglass Coal Mg. Co., Maitland, N. S.
Douglass, John, Danleyton, Ky.

Dover Coal Co., Dover, Mo.
Dover Fire Brick Co., Cleveland, Ohio.
Dovey, Wm. H., Marcer Sta., Ky.
Dowden, J. F., Bethany, W. Va.
Downerd, J. & Son Co., Zanesville, Ohio.
Downing, C. S., Walker, Mo.
Doyle, J., Shafers, Pa.
Doyle, Patrick, Augusta, Ill.
Drage, W. H., America City, Kan.
Drake Coal Co., Cleveland, Ohio.
Drake, J. L., Marseilles, Ill.
Drake, W. T., Victoria, B. C.
Draper Coal Co., Mahonoy City, Pa.
Draper Colliery, Gilberton, Pa.
Draper, Mrs. T., Skilesville, Ky.
Drawyer, Chas., Morris, Ill.
Dray, S., Fairview, Ill.
Drennan, Austin, Lockwood, W. Va.
Driscoll, Daniel, Peoria, Ill.
Driskell, R. W., Sharon Grove, Ky.
Drumon, Robert, Lamonte, Mo.
Dryden Coal Co., Sato, Ill.
Dudley, Z. F., Knoxville, Ill.
Duffy, J., Brimfield, Ill.
Dugger, F. M., Bloomfield, Ind.
Dugger & Neal Coal Co., Bloomfield, Ind.
Duluth Mg. & Im. Co., Duluth, Minn.
Duluth & St. Paul Mg. Co., Duluth, Minn.
Dunbar Furnace Co., Dunbar, Pa.
Duncan, A., Decota, W. Va.
Duncan, D. & Sons, New York.
Duncan, F. L., Widnoon, Pa.
Duncan, H. F., Widnoon, Pa.
Duncan, John, Sheffield, Ill.
Duncan, P., Sheffield, Ill.
Duncan, Thomas, Decota, W. Va.
Duncan & Spangler, Hastings, Pa.
Dunkleberger, E. M., Hegins, Pa.
Dunglebarger & Co., Tamaqua, Pa.
Dunlap Coal Co., Brownsville, Pa.
Dunlavey, D., Uhrichsville, Ohio.
Dunlo Coal Co., Greenburg, Pa.
Dunloup C. & C. Co., Glenjean, W. Va.
Dunlow Coal Co., Dunlow, W. Va.
Dunn, Homer, Salem, Ohio.
Dunn, John, Viola, Ill.
Dunn, W. G., Bland, Va.
Dunreath Coal Co., Des Moines, Iowa.
Dunsmuir, R. & Sons, Victoria, B. C.
Dunwiddie, Campbell & Co., Hastings, Pa.
Dupont, J., New Burnside, Ill.
Duquoin Coal Mg. Co., Duquoin, Ill.
Duquoin Union Coal Co., Duquoin, Ill.
Durham Coal Co., Palmer, Wash.
Durie, A., Tuscaloosa, Ala.
Durkee, J. H., Coal Co., Weir, Kan.
Durr, W., Ruble, Pa.
Durst & Hennessey, Pomeroy, Ohio.
Duryea, J. W., Canton, Ill.
Dusenbury, Jas., Wataga, Ill.
Dutch Hollow C. Mg. Co., Birkner, Ill.
Dutch Hollow C. & Mg. Co., St. Louis, Mo.
Dutton, S. F., Virginia, Mo.
Dye, Benjamin, Freed, W. Va.
Dyer, J. M., Pomona, Kan.
Dyer & Graves, Pomona, Kan.
Dyer & Kennon, Barnesville, Ohio.
Eagle Clay Works, Streator, Ill.
Eagle Coal Co., Brazil, Iowa.
Eagle Coal Co., Eagle, W. Va.
Eagle Coal Co., Fairview, Ill.
Eagle Coal Co., Flat Rock, Ky.
Eagle Coal & Mg. Co., East Brady, Pa.
Eagle Mining Co., Galesburg, Ill.
Eagle Pass Coal Co., Eagle Pass, Tex.
Eagleston, W. J., Bradford, Ill.
Earl Bros., Spring Hill, Iowa.
East Altamont Coal Co., Altamont, Ky.
Eastbank C. & C. Co., Eastbank, W. Va.
East Bay Coal Co., East Bay, N. S.
East End Coal Co., Altoona, Pa.
Easter, N., New Market, Iowa.
Eastern Ky. R. R. Co., Willard, Ky.
Eastham, C. P., Laddonia, Mo.
Eastin, R. S. & Co., Spottsville, Ky.
East Jellico Coal Co., Artemus, Ky.
Easton Fuel Co., Des Moines, Iowa.
East Peoria Coal Co., East Peoria, Ill.
East Ridge Coal Co., Minersville, Pa.
East River C. Co., New Glasgow, N. S.
East Tenn. Coal Co., Jellico, Tenn.
East Wellington Coal Co., San F., Cal.
Ebel & Bro., Belleville, Ill.
Eben, Amos, Colchester, Ill.
Echols Coal Co., Helena, Ala.
Eckert & Magner, Jasper, Ind.
Eclipse Coal Co., Pittsburg, Pa.
Economy C. & Mg. Co., Danville, Ill.
Edar, David, Staunton, Ind.
Eddy, H. H., Axial, Colo.
Edger, J., Otellia, Pa.

Edgerton Coal Co., Scranton, Pa.
Edinburg C. Mg. Co., Edinburg, Ill.
Edinger, A., Turkey City, Pa.
Edwards, Ann, Crab Orchard, Ill.
Edwards, Chas., Edwards, Ill.
Edwards Coal Co., Peoria, Ill.
Edwards, E., Huntsville, Mo.
Edwards, E. E., Monroe, Iowa.
Edwards, E. L., Fulton, Mo.
Edwards, Geo., Huntsville, Ill.
Edwards, Mat, Shrewsbury, Ky.
Edwards, Thos., Coalville, Ill.
Edwards, Wm., Blaine, Ky.
Edwards & Caspari, Elston, Mo.
Edwards & Co., Edwardsdale, Pa.
Edwards & Son, Edwardsdale, Pa.
Egbert Coal Co., Jackson Centre, Pa.
Egerton, B., Colchester, Ill.
Egypt Coal Co., Egypt Depot, N. C.
Egyptian Coal Mg. Co., Duquoin, Ill.
Ehret, M. Jr & Co., Philadelphia, Pa.
Ehrlich, Peter, Turner, Ind.
Ehrlich & West, Seelyville, Ind.
Eichelbergar, E., Broad Top, Pa.
Eight Surface Mines, Victoria, Ill.
Eldon Coal Co., Laddsdale, Iowa.
Eldon Coal & Mg. Co., Oskaloosa, Ia.
Eldon Coal & Mg. Co., Ottumwa, Iowa.
Eldorado Coal Co., Eldorado, Ill.
Eldorado Coal Co., Mountaindale, Pa.
Eleinch & Bro., Nyesville, Ind.
Elenwood, E. E., Eureka, Iowa.
Elevinger, Silas, Coal Run, Ky.
Elizabeth Coal Co., Tyrone, Pa.
Elk Coal & Coke Co., Williamsport, Pa.
Elk Garden Big Vein Coal Co., Emory, W. Va.
Elk Hill C. & I. Co., Dickson City, Pa.
Elkhorn C. & C. Co., Maybeury, W. Va.
Elk Ridge C. & C. Co., Kyle, W. Va.
Elkton Coal & Iron Co., New York.
Elk Valley Coal Co., Elk Valley, Tenn.
Elk Valley C. & I. Co., Jellico, Tenn.
Ella Coal Co., McKeesport, Pa.
Ellenberger, C. W., Phoenix, Pa.
Ellenberger, J. S., Mendon, Pa.
Ellensburg Coal Co., Cle-Elum, Wash.
Elliott, Ed., Corley, Tex.
Elliott, Jas., Paintsville, Ky.
Elliott, McClure & Co., Scranton, Pa.
Elliott, R. S., Beaver, Ky.
Elliott, Thomas, Coal Bluff, Pa.
Elliott, W. R., Alliance, Ohio.
Elliott & Bunten, Scranton, Kan.
Elliot's Knob I. & C. Co., Buffalo Gap, Va.
Ellison, J. M., Williamsburg, Ky.
Ellsworth Coal Co., Worden, Ill.
Ellsworth, James W., Suterville, Pa.
Ellsworth, T., San Francisco, Cal.
Elm Creek Mining Co., St. Clair, Pa.
Elm Grove Coal Co., Elm Grove, W. Va.
El Mora Coal Co., Philadelphia, Pa.
Elmore, T. M., Huntsville, Mo.
Elmwood Coal Co., Elmwood, Ill.
El Paso G. C. & C. Co., El Paso, Tex.
Elsinore C. & Clay Co., Elsinore, Cal.
Elston, Jas., Elston, Mo.
Ely, Dye, Eldon Iowa.
Ely & Son, Hazel Green, Ky.
Elyria & Cambridge C. Co., Robins, Ohio.
Emerick, Andrew, Lovi, Pa.
Emerick, George, Lovi, Pa.
Emerson, Geo. R., New Philadelphia, Ohio.
Emery, Cowden, Grant City, Pa.
Emery, Wm., Williamsport, Pa.
Eminger, Geo. W., Ironton, Ohio.
Emma Coal Co., Jackson, Ohio.
Emmett, Samuel, Weyford, Pa.
Emons, Jno. A., Farmington, Ill.
Empire Coal Co., Coal Creek, Tenn.
Empire Coal Co., Empire, Ky.
Empire Coal Co., Gilchrist, Ill.
Empire Coal Co., Philadelphia, Pa.
Empire Coal & Coke Co., Landgraf, W. Va.
Empire C. Mg. & R. R. Co., San F., Cal.
Emporia Mining Co., Unionville, Mo.
Endris, Jno. A., Elmwood, Ill.
Engle, Chauncey, Keim, Pa.
Engleke, F., Orchard Mines, Ill.
Englevale Mining Co., Englevale, Kan.
English, Frank, Waco, Ohio.
English Cannel C. Co., Warsaw, Ohio.
Ensminger, E. E., Crab Orchard, Ill.
Enterprise Coal Co., Albia, Ia.
Enterprise Coal Co., Byesville, Ohio.
Enterprise Coal Co., Cedar Mines, Iowa.
Enterprise Coal Co., Greenwood, Ky.
Enterprise Coal Co., Renick, Mo.
Enterprise Coal Co., Shamokin, Pa.
Enterprise C. & C. Co., Duquoin, Ill.
Enty, Geo., Pansy, Pa.

COAL—Continued.

Equality Coal Co., Equality, Ill.....
Ervine Coal & Mg. Co., Farmersburg, Ind..
Esbaugh, J. L., Cool Spring, Pa.....
Eskridge, R. E., Trisler, Ky.....
Espey & Co., Morris, Ill.....
Essen Coal Co., Pittsburg, Pa.....
Essex, Geo. W., Soperville, Ill.....
Estep, G. W., Ward City, Ky.....
Estep, N., Lackey, Ky.....
Estling, Wm., Wataga, Ill.....
Etcheson, G. W., Maquon, Ill.....
Etna Fire Brick & C. Co., Oak Hill, Ohio.
Etna Mining Co., Ganister, Pa.....
Etowah Mining Co., Chattanooga, Tenn....
Etterman, H., Foster, Mo.....
Euclid Coal Co., Ltd., South Fork, Pa....
Eugert, Geo. & Co., Rochester, N. Y.....
Eureka Coal Co., Palmer, Wash.....
Eureka Coal Co., Pittsburg, Pa.....
Eureka C. & C. Co., Powhatan, W. Va....
Eureka Coal Mining Co., Carbon, Ind.....
Eureka Coal Mining Co., Huntsville, Mo..
Eureka Coal Mining Co., Livermore, Cal..
Eureka Coal & Mg. Co., Des Moines, Iowa.
Eureka Mining Co., Chattanooga, Tenn...
Evans, Anderson, Zanesville, Ohio.....
Evans, C. B., New York.....
Evans Coal Co., New Sharon, Iowa.....
Evans, D. T., Gloucester, Ohio.....
Evans, E., Spaulding, Ill.....
Evans, Edward D., Ocean, Md.....
Evans, H. C., Blaine, Ky.....
Evans, H. E. & Co., Oskaloosa, Iowa....
Evans, H. H., Fielden, Ky.....
Evans, J., Spaulding, Ill.....
Evans, Jas., Colfax, Iowa.....
Evans, Jas., Prosperity, Ky.....
Evans, J. S., Perry, Mo.....
Evans, J. T., Coal Creek, Tenn.....
Evans, J. Z., Avery, Ill.....
Evans Mining Co., Beaver Meadows, Pa...
Evans, Richard, Streator, Ill.....
Evans, Robt., New Sharon, Iowa.....
Evans, Scott, McKee, Ky.....
Evans, Thos., Thurman, Ohio.....
Evans, Thos. E. & E. D., Centerville, Ohio.
Evans, Wm., New Sharon, Iowa.....
Evans & Bell, Altoona, Pa.....
Evansville Co-Operative Mining Co., Evansville, Ind.....
Everage, J., Hindman, Ky.....
Everhart Coal Co., Boston, Mass.....
Eversole, John, Eversole, Ky.....
Eversole, R., Poor Fork, Ky.....
Every, Milton, Walker, Mo.....
Ewing, Fred, Albany, N. Y.....
Ewing, W. L., Holt, Pa.....
Excelsior Coal Co., Akron, Ohio.....
Excelsior Coal Co., Boston, Mass.....
Excelsior Coal Co., Coal Creek, Tenn.....
Excelsior Coal Co., Excelsior, Iowa.....
Excelsior Coal Co., Oskaloosa, Ia.....
Excelsior Coal Co., Pottsville, Pa.....
Excelsior Coal Co., Weir, Kan.....
Excelsior Coal Mg. Co., Shamokin, Pa....
Excelsior Coal & Mg. Co., Duquoin, Ill....
Exline Block Coal Co., Centerville, Iowa..
Exton, Frank, Franklin Square, Ohio.....
Fackett, Ben, Robinson's Creek, Ky.....
Fadeley, Alex., Summit Mills, Pa.....
Fair, Wm., Penn Run, Pa.....
Fairbury Co-Op. Coal Co., Fairbury, Ill..
Fairchance Furnace Co., Fairchance, Pa..
Fairfax Coal & C. Co., Fairfax, W. Va....
Fairfield, T. W., Meeker, Colo.....
Fairgrieve, J. B. & Son, Hamilton, Ont....
Fairhaven Coal Mining Co., Wooley, Wash.
Fairlawn Coal Co., Scranton, Pa.....
Fairlie & Sander, Cambridge, Ill.....
Fairmount Coal Co., Fairmount, Ill.....
Fairmount Coal Co., West Millville, Pa...
Fairmount Coal & Coke Co., Buffalo, N. Y.
Fairmount C. & Iron Co., New Bethlehem, Pa.....
Fairshille, Lewis, Coopersville, Ky.....
Fairview Coal Co., Meyersdale, Pa.....
Fairview Mining Co., Youngstown, Ohio..
Faith, Thos. W., Epson, Ind.....
Fall Brook Coal Co., Fall Brook, Pa.....
Falling Rock Cannel Coal Co., New York.
Falls Branch Jellico Co., Newcomb, Tenn..
Falls Coal Co., Cuyahoga Falls, Ohio.....
Falls Creek Mining Co., Du Bois, Pa.....
Fannin, Andrew, Isonville, Ky.....
Farber Coal Co., Farber, Mo.....
Farley, J. G., Evarts, Ky.....
Farmer, F., Sylvania, Mo.....
Farmer, Jas., Knuckles, Ky.....
Farmersburg C. & Mg. Co., Sullivan, Ind..
Farmington Coal Co., Farmington, Ill...
Farmington C. & Mg. Co., Farmington, Ia.
Farr, M. J., Eccles, Mo.....
Farrah, Geo., Roseville, Ill.....
Farrar & Armstrong, Hume, Mo.....
Faubel, John & Co., San Francisco, Cal..
Faucet, Thos. & Son, Webster, Pa.....
Faulk Bros., East Liverpool, Ohio.....
Faulkner, C. A. & Co., Philipsburg, Pa..
Faust, Turner & Burk, Pinckneyville, Ill..
Fayette Coal & C. Co., Fayette, W. Va...
Featherman, J. A. & J. B., Drummond, Mont.....
Federal Coal Co., Hickman, Pa.....
Federal Mg. Co., Marietta, O.....
Federal Valley Coal Co., Marietta, Ohio....
Fee, Wm., Haddenville, Pa.....
Feichenal, Wm., Fosterburg, Ill.....
Feighy, J. D., New Lexington, Ohio.....
Feik, John, Accident, Md.....
Feith, M., Angus, Iowa.....
Fellows, A. M., Jr., Kansas City, Mo.....
Fellows & Dobbins, Blair, Ill.....
Fenton Bros., Milledgeville, Iowa.....
Fenton, G. R. & Son, Milledgeville, Iowa..
Fehber, L., French Village, Ill.....
Ferguson, A. J., Relief, Ky.....
Ferguson, John, New Brighton, Pa.....
Ferguson, John, Pikeville, Ky.....
Ferguson, John C., Nashville, Mo.....
Ferguson, J. E., Webbville, Ky.....
Ferguson, J. M., Relief, Ky.....
Ferguson, M. W., Caney, Ky.....
Ferguson, R., Relief, Ky.....
Ferguson, R. G., Coal Co., Cleveland, Ohio.
Ferguson, Dr. S. M., Laynesville, Ky....
Ferguson, W. R., Relief, Ky.....
Ferndale Coal Co., Mt. Carmel, Pa.....
Fernwood Coal Co., Minersville, Pa.....
Ferree, F. & Sons, Ft. Scott, Kan.....
Ferrell, H., Dresden, Ohio.....
Ferrell, R. M., Pikeville, Ky.....
Ferris, E. & Co., New York.....
Ferry, W. T. & B. E., Milo, Mo.....
Fetter, John W., Uhrichsville, Ohio.....
Fiddler, Geo., Banner, Ill.....
Fidelity Coal Co., Pittsburg, Pa.....
Fidelity Coal & Iron Co., New York.....
Fidelity Land & Imp. Co., Cherokee, Kan..
Fidler, J. M., Pikeville, Ky.....
Fielding, Sam'l, Powhatan Point, Ohio.....
Fields, D. D., Kings Creek, Ky.....
Fields, E., Boones Camp, Ky.....
Fields, Geo., Manitou, Ky.....
Filer Bros., East Palestine, Ohio.....
Filer Coal Co., Palmyra, Ohio.....
Filer, Sutliff & Co., Sharon, Pa.....
Filer, Westerman & Co., Grove City, Pa..
Filer & Co., Jackson Centre, Pa.....
Filtz, John D., Pine Grove, Pa.....
Finch Mining Co., Ltd., Pittsburg, Pa....
Findley, A. G., Catlin, Ill.....
Findley, D. O., Jeddo, Ohio.....
Findley, Geo., Douds Station, Iowa.....
Findley, John, Rockland, Pa.....
Findley & Whitehead, Clarksburg, W. Va.
Finley, D. W., Williamsburg, Ky.....
Fire Cr'k C. & C. Co., Fire Creek, W. Va..
Firens, John, Lycippus, Pa.....
First Ave. C. Mg. Co., Evansville, Ind....
First Pool Monongahela Gas Coal Co., Pittsburg, Pa.....
Fish, Wm., Appleton, Ill.....
Fishburn, R. C., Munson Station, Pa.....
Fishburn, Sam'l, Millersburg, Ohio.....
Fisher, Frank, Lowsville, W. Va.....
Fisher, H., Flushing, Ohio.....
Fisher, John, Lowsville, W. Va.....
Fisher, M., Delta, Iowa.....
Fisher, M., Zanesville, Ohio.....
Fisher, Wesley, Idaville, Pa.....
Fisher, Willard, Dallas, Tex.....
Fisher, W. R., Marity, Ky.....
Fite, J. B., Eldon, Iowa.....
Fite, W. E., Bonne Terre, Mo.....
Fitzgerald, S. J., Aullville, Mo.....
Fitzhugh, John, Port Orford, Ore.....
Flakerty, W. P., Pittsburg, Pa.....
Flanery, John, Booneville, Ky.....
Flanigand, Wm., Cascade, Mont.....
Flat Top United Coke Co., Bramwell, W. Va.....
Fleeman & Co., Robertsdale, Pa.....
Fleming, A. & R., Toronto, Ont.....
Fleming, Jos., Sheffield, Ill.....
Fleming, J. H., Benson, W. Va.....
Flemington C. & C. Co., New York.....
Flemming, Thos., Elliott, Mo.....
Florence Coal Co., Avoca, Pa.....
Florence Cot. & I. Co., Philadelphia, Pa...
Florence Dalo Coal Co., New York.....
Florin, H., Lewistown, Ill.....
Florsheim, H., Pittsburg, Pa.....
Flowers, F., Davenport, Ky.....
Flowers, J. D., Waynesburg, Pa.....
Flowers, Samuel, Patesville, Ky.....
Fluhart Coal & Mg. Co., Wellston, Ohio...
Fluke, David, Coaldale, Pa.....
Fluke Mining Co., Six Mile Run, Pa.....
Flushing Coal Co., Lorain, Ohio.....
Flynn & Castigan, Wayne Jct., Phila., Pa..
Fohner, E. & Bro., Barnesville, Ohio.....
Foley, B. A., Huntington, Ark.....
Foley, W. E., Mapleton, Ill.....
Foley & Palmer, Monmouth, Ill.....
Folk, Jonas J., Grantsville, Md.....
Foraker & Lutz, Marietta, Ill.....
Forbes, Wm. H., Silver Lake, Kan.....
Ford, A. S., Evansville, Ind.....
Fordville Coal Mg. Co., Ford, Iowa.....
Forest Coal Co., Massillon, Ohio.....
Forest Hill Co., Eagle, W. Va.....
Forest & Genola, Renick, Mo.....
Forestville Coal Co., Lebanon, Pa.....
Forgy, J. M., Morgantown, Ky.....
Fork Ridge C. & C. Co., Middlesboro, Ky..
Forrest Bros., Mineral, Ill.....
Forsyth Coal Co., Cambridge, Ohio.....
Forsyth, P. J. & Co., Coal Center, Pa.....
Fort Payne C. & I. Co., Fort Payne, Ala..
Fort Pitt Coal Co., Pittsburg, Pa.....
Forty Fort Coal Co., Scranton, Pa.....
Foster, E. J., Cedar Rapids, Iowa.....
Foster, G., New York.....
Foster, J. J., Rochester, Pa.....
Foster, M. B., Des Moines, Iowa.....
Foster, Morrison, Sewickley, Pa.....
Foster, Newman, Colchester, Ill.....
Foster, Thos., East Bethlehem, Pa.....
Foster, W. A., Kings, Ohio.....
Foster & Snodgrass, La Grande, Ore.....
Foulk, Philip, Liberal, Mo.....
Fowler, H., Millersburg, Ill.....
Fowler, Zadok, Fowlers, W. Va.....
Fox Coal Co., Langford, Colo.....
Fox C. & C. Co., Chattanooga, Tenn.....
Fox, D. C., Livingston, Iowa.....
Fox, J., Riddles Cross Road, Pa.....
Fox, John, Powellsville, Ohio.....
Fox Lake Coal Co., Clinton, Ohio.....
Fox, Thos., Pittsburg, Pa.....
Fox, W. A., Livingston, Iowa.....
Fraley, C., Isonville, Ky.....
France, S. & M., Catlin, Ill.....
Frances, Jas., Woodbine, Ky.....
Francis, Sam, Buncombe, Ky.....
Francis, T. P., Salineville, Ohio.....
Francisco C. & Mg. Co., Francisco, Ind..
Francisco, H. C., Waverly, Mo.....
Frankfort El. Coal Co., Frankfort, Ky....
Franklin Coal Co., Jackson, Ohio.....
Franklin Coal Co., Kingston, Pa.....
Franklin Coal Co., Williamsburg, Kan....
Franklin Cons. Coal Co., Baltimore, Md...
Franks, A. H., Moundville, Mo.....
Franks, A. M., New Geneva, Pa.....
Franks & Beedly, East Peoria, Ill.....
Frasher, Luke, Barnesville, Ohio.....
Frater, John, Victoria, Tenn.....
Frazee, T. D., Danville, Ill.....
Frazee, Wm. H., Selbysport, Md.....
Frederic Coal Co., Frederic, Iowa.....
Frederick, Geo., Greer, Pa.....
Fredericks & Bower, Lloydville, Pa.....
Freeburg Mining Co., Freeburg, Ill.....
Freedline & Freedline, Rowles, Pa.....
Freeman, H. G., Lawrenceburg, Ind.....
Freeport Coal Co., Freeport, Pa.....
French, George, Thayer, Kan.....
French, S. G., New York.....
Frero, John, Brazil, Ind.....
Fresse, A. F., Concordia, Mo.....
Frew, Thos., Atkinson, Ill.....
Friar, Wm., Campton, Ky.....
Frick, H. C., Coke Co., Pittsburg, Pa....
Frick, Max, Frigart, Pa.....
Fridley & Hoyt, Jamestown, Iowa.....
Friend, Andrew, Friendsville, Md.....
Friend, Ben F., Friendsville, Md.....
Friend, E. M., Friendsville, Md.....
Frisbie, Blanchard & Co., Carbondale, Pa..
Frisby, J., Caney, Ky.....
Fritz, Jacob, Girard Manor, Pa.....
Frostburg Mining Co., Frostburg, Md.....
Fry, A. D., Sprankles Mills, Pa.....
Fry, David, Ray, Ill.....
Fry, H. H., Friendsville, Ill.....
Frye, Lewis, Confidence, Iowa.....
Fuentic Coal Co., New York.....
Fuge, Thos., Morrisdale Mines, Pa.....
Fuller, Boyer, Gilmore & Vipond, Scranton, Pa.....

Fuller Coal Co., Toledo, Ohio.....
Fuller Coal & Mining Co., Pedro, Mo.....
Fuller, David, Worthington, Ind.....
Fuller, G. M., Manitou, Ky.....
Fuller, O., Gillmore, Ky.....
Fuller, Parker & Co., Cullman, Ala.....
Fullerton Coal Mines, Newcastle Creek, N. B. .....
Fulton Coal Co., Reading, Pa.....
Fulton & Cuddy, Johnstown, Pa.....
Fuqua, R. C., Orlando, Ky.....
Furman, Geo., Dayton, Tenn.....
Furnace Coal Co., Gilberton, Pa.....
Future Coal & Mg. Co., Breese, Ill.....
Fyffe, C. C., Elk Fork, Ky.....
G. M. Cannel Coal Co., Mancos, Colo.....
Ga. Mg., Mfg. & Inv. Co., Atlanta, Ga....
Gabhard, J., McKee, Ky.....
Gabhard, J. & Sons, Burning Spgs., Ky....
Gablehousen, Aug., East Peoria, Ill.....
Gabriola Coal Co., Ltd., Nanaimo, B. C....
Gaffigan, J. & P., Petersburg, Ill.....
Gage, John, Lippincott, Pa.....
Gage, L. W., Orchard, Kan.....
Gage, Robt., Mining Co., Jackson, Mich..
Gaines Coal & Coke Co., Gurnee, Pa.....
Gains & Read, Fordsville, Ky.....
Galbraith, W. A., Clay, Ky.....
Galehouse, H. C., Doylestown, Ohio.....
Galesburg Press Brick & Tile Co., Galesburg, Ill. .....
Gallagher, Chas. H., Zanesville, Ohio.....
Gallagher, Luther, Dysart, Pa.....
Gallia Land & Mg. Co., Gallia, Ohio.....
Gallien, W. L., Killbuck, Ohio.....
Galloway Coal Co., Memphis, Ala.....
Galloway C. & C. Co., Galloway, Ala.....
Gallup Coal Co., Albuquerque, N. Mex.....
Galt Coal Co., Lethbridge, N. W. T.....
Galveston Coal Co., Galveston, Tex.....
Gambill, J. J., Martha, Ky.....
Gambill, L. C., Martha, Ky.....
Gambill, M. F., Blaine, Ky.....
Gamble, John, New Eagle, Pa.....
Gamble, W. A., Knoxville, Iowa.....
Gamble & Fisher, Coal Bluff, Pa.....
Gambrel, P., Treadway, Ky.....
Gamman, J., Shoals, Ind.....
Gamman, P., Shoals, Ind.....
Ganoe & Murray, Mosgrove, Pa.....
Gardener Coal Co., Sydney, N. S.....
Garden Hill Coal Co., Boonesboro, Iowa...
Gardner, F., Swampton, Ky.....
Gardner, G. B., Salyersville, Ky.....
Gardner, J. F., Haymarkettown, Va.....
Gardner, J. W., Glessner, Pa.....
Gardner, M., Idaville, Pa.....
Gardner, S., Island, Ky.....
Gardner-Wilmington C. Co., Gardner, Ill..
Garfield Coal Co., Beacon, Iowa.....
Garfield Coal Co., Erie, Colo.....
Garfield Coal Co., Girard, Ohio.....
Garfield Coal Co., Oskaloosa, Ia.....
Garfield Coal Co., Shamokin, Pa.....
Garfield Mg. & Mfg. Co., Garfield, Ohio..
Gariner, Tom, Sylvania, Mo.....
Garland & Dixon, Kewanee, Ill.....
Garrard, T. T., Manchester, Ky.....
Garrett, J., Philo, Ohio.....
Garrette, Thos. M., Co., Washington, Ga..
Garrison, F. L., Acme, W. Va.....
Gartside Coal Co., Murphysboro, Ill.....
Gaslight Coal Co., Oakman, Ala.....
Gas, Jos., West Decatur, Pa.....
Gasran, Reinhold, Alton, Ill.....
Gast, Jos., Belleville, Ill.....
Gaston, Clark, Canoe Ridge, Pa.....
Gaston Gas Coal Co., Fairmont, W. Va.....
Gaston, L. D., Canoe Ridge, Pa.....
Gaston, T. M., Gaston, W. Va.....
Gatliff, J. S., Laso, Ky.....
Gaul, James, Valier, Pa.....
Gauley Mtn. Coal Co., Anstead, W. Va.....
Gault Coal Co., Great Falls, Mont.....
Gay, N., Shoal, Ky.....
Gay, W. B., Boston, Mass.....
Gay & Parker Co., New York.....
Gayheart, Wm., Hindman, Ky.....
Gaylord Coal Co., Martins Ferry, Ohio.....
Gayton Coal Co., Richmond, Va.....
Gearheart, R., Lackey, Ky.....
Geer, Arthur & Co., Vermont, Ill.....
Gem Coal & Coke Co., Kecksburg, Pa.....
Gemey Coal Co., Clinton, Ind.....
Gentry, G. C., Fordsville, Ky.....
George, G. W., Paintsville, Ky.....
George, H., Lickburg, Ky.....
George, Jas., Harlem Springs, Ohio.....
George, J. P. & Co., Bergholz, Ohio.....
Georges Creek C. & I. Co., Baltimore, Md..
Georgia Iron & Coal Co., Atlanta, Ga.....
Georgia Mining Co., Chattanooga, Tenn....
Gerlach, Geo. F., Sparta, Ill.....
Germain, H., Cherokee, Kan.....
German Coal Co., Orchard Mines, Ill.....
German, Jesse, Hopewell, Ohio.....
German, John, Zanesville, Ohio.....
German Salt & Coal Co., Mason, W. Va...
Germania Gas Coal Co., Finleyville, Pa...
Ghem Coal Co., Osceola Mills, Pa.....
Gibbie Bros., Carbon, Iowa.....
Gibbins, B. F., Woodsfield, Ohio.....
Gibbins, Thos., Carbon, Iowa.....
Gibbons & Co., Albany, N. Y.....
Gibbs, A., Ward City, Ky.....
Gibbs, Harvey, Canal Dover, Ohio.....
Gibbs, John, Gillmore, Ky.....
Gibbs, W. H., Greenville, Ky.....
Gibson Coal Co., Des Moines, Iowa.....
Gibson & Co., Carbon, Iowa.....
Gibson, Jas., Isonville, Ky.....
Gibson, L., Eversole, Ky.....
Gibson, Louis, Jackson, Ohio.....
Gibson & Smith, Colchester, Ill.....
Gilbert, A. B., Booneville, Ky.....
Gilbert Bros., Wentworth, Mo.....
Gilbert, Jas., Milo, Iowa.....
Gilbert, J. W., Evarts, Ky.....
Gilchrist, A., Brilliant, Ohio.....
Gilchrist, H. M., Gilchrist, Ill.....
Gilfillan Black Diamond Co., Pittsburg, Pa.
Gill, J. F., Moundville, Mo.....
Gill, W., Spaulding, Ill.....
Gillard, Jos., Ironton, Ohio.....
Gillbride, Frank, Morris, Ill.....
Gillen, Jas. H., Roscoe, Ohio.....
Gillespie & Fisk, Riley, Ind.....
Gillespie & Sader, Chatham, N. B.....
Gillet, Chas., Elmira, Ill.....
Gillett, B. F., Swampton, Ky.....
Gillett, Thos., Moosic, Pa.....
Gilliam Coal & C. Co., Algoma, W. Va...
Gilliam, Jesse, Ophir, Ky.....
Gillum, John, Back Bone, Ky.....
Gillum, J. K., Isonville, Ky.....
Gilman & Gold, McArthur, Ohio.....
Gilmor, Meredith & Co., Baltimore, Md....
Gilmore, W. J. & Bro., Lewisburg, Ala....
Gilpin, A., Philadelphia, Pa.....
Ginkel, P., Snydersburg, Pa.....
Girard Coal Co., Girard, Ill.....
Girard Coal Co., Mt. Carmel, Pa.....
Givens, Geo., Craig, Colo.....
Glace Bay Mining Co., Ltd., Little Glace Bay, N. S.....
Gladstone Coal Co., Jerome, Iowa.....
Gladstone Coal Mg. Co., Lafayette, Colo..
Glaze, Geo., Lamar, Mo.....
Glen Coal Co., Bellaire, Ohio.....
Glen Falls C. & C. Co., Clarksburg, W. Va.
Glen Mary Coal Co., Atlanta, Ga.....
Glen White Coal Co., Glen White, Pa.....
Glen White C. & C. Co., Baltimore, Md...
Glen White Coal & Lumber Co., Kittanning Point, Pa. .....
Glenburn Coal Co., Glenburn, Ill.....
Glendale C. Co., Glendale, W. Va.....
Glendale C. & Mg. Co., St. Louis, Mo.....
Glenmary Coal Co., Glenmary, Tenn.....
Glenmore Coal Co., Amsbry, Pa.....
Glenmore Coal Co., Columbus, Ohio.....
Glenn, John, Peoria, Ill.....
Glenshaw Coal Co., Glenshaw, Pa.....
Glenwood Coal Co., Glenwood, Ohio.....
Glenwood Coal Co., Philadelphia, Pa.....
Glessner, W. J., Boone, Pa.....
Globe Coal Co., Coal Center, Pa.....
Glotfelty, Fred, McHenry, Md.....
Goalby, Wm., Percy, Ill.....
Goble, I., East Point, Ky.....
Goble, Wm., Pleasant, Ky.....
Goddard, H. & Wm., Emory Gap, Tenn....
Godfrey Bros., Colchester, Ill.....
Godsey, D. S., Hazel Green, Ky.....
Goetz, C. W. & Co., St. Louis, Mo.....
Goff, J. B., White Post, Ky.....
Goff Kirby Coal Co., Cleveland, Ohio.....
Golden P'd & F. Brick Co., Denver, Colo..
Golloday, W. H., Salisbury, Ill.....
Gomersal Coal Co., Ltd., Gomersal, Pa...
Gonterman, W. G., Sheldon, Mo.....
Goode, Ben, Orchard, Kan.....
Goode, P. L., Edmond, W. Va.....
Goodhead, James, Shenandoah, Pa.....
Gooding, W. A., Columbia, Mo.....
Goodlive & McConnell, Dillon, Ohio.....
Goodwill C. & C. Co., Goodwill, W. Va...
Goodwill, Robt. & Co., Flipping, W. Va...
Goodwin, John, Elliottsville, Pa.....
Goodwin, Thos., Orchard Mine, Ill.....
Goodwin, W. A., Harrisburg, Mo.....
Gool, Wm., & Co., Coaling, Ala.....
Gordon, Reed, Colchester, Ill.....
Gordon, Thos., Colchester, Ill.....
Gordon, T. A., Columbia, Mo.....
Gordon & Barrett, Colchester, Ill.....
Gorman, A. G., Denver, Colo.....
Gosford Coal & Mg. Co., Gosford, Pa.....
Goshen Coal Co., Cleveland, Ohio.....
Goss, W. C., Omaha, Neb.....
Gough, Robt., Boonville, Ind.....
Gould, D. A., Goheenville, Pa.....
Gould, E. F., Dudley, Pa.....
Gould, R. E., Fairview, Ill.....
Gould & Son, Clements Depot, Ala.....
Gowin, E. H., Uhrichsville, Ohio.....
Gowrie C. Mg. Co., North Sydney, N. S..
Graft, John & Co., Millersburg, Ohio.....
Graham, John, McCandless, Pa.....
Graham Oil Co., Big Cove Tannery, Pa..
Graham, Peter, Scammon, Kan.....
Graham, R., Aullville, Mo.....
Graham, W., Montreal, Que.....
Graham, Warren, Belknap, Iowa.....
Graham & Murdock, Farmington, Ill.....
Gramstron, A. W., Osage City, Kan.....
Grand Lake Coal Co., Coal Creek, N. B..
Grand River C. & C. Co., Colo. Spgs., Colo.
Grand River C. & C. Co., New York.....
Grand Rivers Mg. Co., Grand Rivers, Ky..
Grand View Coal Co., Rico, Colo.....
Grant Coal Co., Mansfield Valley, Pa.....
Grant, Ingersoll, Eureka, Iowa.....
Grant, L. & Sons, Pekin, Ill.....
Grant, N. T., Zanesville, Ohio.....
Grant, Patrick, Jr., Shaw, W. Va.....
Grant, Peter, Peoria, Ill.....
Grant, Samuel, Wesco, Pa.....
Grant, Wm., Harvey, Pa.....
Grant, Wm., Pekin, Ill.....
Grant, W. P., Peoria, Ill.....
Grant & Brown, Rio, Ill.....
Grape Creek Co-Op. C. Co., Grape C'k, Ill.
Grassy Run Coal Co., Elk Lick, Pa.....
Gray, B. F., Gray, Ky.....
Gray Creek Coal & C. Co., Trinidad, Colo..
Gray Eagle Coal Co., Galva, Ill.....
Gray, E. C., Nelson, Ky.....
Gray, Emanuel, Widnoon, Pa.....
Gray, John, Danville, Ill.....
Gray, Perry, Centertown, Ky.....
Gray, Seaborn, Fort Stanton, N. Mex...
Gray, S. T., Gray, N. Mex.....
Grayson, M., Dixon, Ky.....
Great Bend Coal Co., Bellwood, Pa.....
Greathouse, D., Rochester, Ky.....
Greathouse, H., Decatur, Tex.....
Greathouse, J. L., Lewisport, Ky.....
Great Kanawha Colliery Co., Mt. Carbon, W. Va. .....
Great Nor'n Land Co., Snohomish, Wash..
Great Western Mg. & Mfg. Co., Ashland, Ky. .....
Gregg, C. H., Krumroy, Ohio.....
Gregg, E. F. & Co., Genoa, Ohio.....
Gregg & Co., Mansfield Valley, Pa.....
Gregg & Wildman, Banksville, Pa.....
Gregory, Thos. & Sons, Lamar, Mo.....
Gregory & Weiss, Magnolia, Ohio.....
Green, Ed., Bellamy, Mo.....
Green, E. S., Douds, Iowa.....
Green, Geo., Gypsy, Ky.....
Green, Jas., Osceola, Ill.....
Green, John, Junction City, Ohio.....
Green, Joshua, New Lexington, Ohio.....
Green, J. M., Galen, Ky.....
Green, L. H., Jr., Powhatan Point, Ohio..
Green, R. N., Fielden, Ky.....
Green, S. B., Earles, Ky.....
Green, S. J., Flowers Cove, N. B.....
Green, Tom, New Lexington, Ohio.....
Green, W. W., East Point, Ky.....
Green & Co., Newcastle Creek, N. B.....
Green & Monahan, Moro, Ill.....
Green Ridge Coal Co., Chicago, Ill.....
Green River C. & C. Co., Seattle, Wash....
Green River C. & Mg. Co., Spottsville, Ky.
Greenbriar C. & C. Co., McDowell, W. Va.
Greendale Furnace Co., Columbus, Ohio..
Greene, F. R., Galesburg, Ill.....
Greene, Nickels, Lickburg, Ky.....
Greenfield, Jas., Eveland, Iowa.....
Greenlief, L., Prairie City, Iowa.....
Greens Coal Mg. Co., Walnut Cove, N. C..
Greensburg Coal Co., Greensburg, Pa.....
Greenview C. & Mg. Co., Greenview, Ill..
Greenville Coal Mg. Co., Powderly, Ky....
Greenwood Coal Co., Duquoin, Ill.....
Greenwood Coal Co., Greenwood, Ky.....
Greenwood Coal Co., Ltd., Scranton, Pa..
Greenwood Ry. & C. Co., Cincinnati, Ohio.
Greenwood Ry. & C. Co., Greenwood, Ky..
Greenwood, Wm., Duquoin, Ill.....

COAL—Continued.

Greer, H., Grassy Creek, Ky
Greer, James, Grassy Creek, Ky
Greer, W. E., Laynesville, Ky
Greiner, H. L., Zanesville, Ohio
Grenn, John, Peoria, Ill
Grice Bros., Kewanee, Ill
Grider, C., Altamont, Ill
Griener, W., Lyonsdale, Ohio
Grier, Webb, Carbondale, Kan
Griffe, Jno., Roodhouse, Ill
Griffin, F. A. & Co., Griffin, Ill
Griffin, G. W., Loding, Ill
Griffin, Milton, Dresden, Ohio
Griffith, D. J., Fielden, Ky
Griffith, John F., Johnstown, Pa
Griffith, J. W., Colona Sta., Ill
Griffith, Robt., Back Bone, Ky
Griffith, S. B., Grisemore, Pa
Griffith, T. W. & Co., Marlin, Tex
Griffiths, B., Clay City, Ind
Griffiths, Thos., Roodhouse, Ill
Grim, David, Victoria, Ill
Grimes, P. J., Albany, N. Y
Grisby, J. M., Vest, Ky
Griswell, J. W., Ironton, Ohio
Griswold, Warner, Guthrie, Mo
Groom Bros., C. Mg. Co., Belleville, Ill
Gross, Henry, Lycippus, Pa
Gross, Peter & Co., Gays Creek, Ky
Gross, P., Shoal, Ky
Gross & Co., Crockettsville, Ky
Grossman, Lewis, Smithton, Ill
Groth Bros., Hampton, Ill
Grove Coal Co., Grove City, Pa
Grove, Geo., Buckstown, Pa
Grove, Henry, High House, Pa
Grover & Sons, Canton, Ill
Grubb, W. S., Adams, Ky
Grundy Co. Coal Co., Trenton, Mo
Gruver & Larson, Dayton, Iowa
Gulf & Glendon Mfg. Co., Glendon, N. C.
Gullett, W., Whittakerville, Ky
Gumbert & Huey, Blair, Pa
Gunderson, J. P., Mt. Pleasant, Utah
Gunnison Coal & I. Co., Gunnison, Colo.
Gunter, John, Colfax, Iowa
Guthrie Center Coal Co., Guthrie Center, Iowa
Guthrie, J. D., Oskaloosa, Iowa
Guy, Wm., Stephens Store, Mo
Guyandot C. Land Ass'n, Dunlow, W. Va.
Gwin, John & Son, Mountaindale, Pa
Hacket, C., Spaulding, Ill
Hackett C. & C. Co., Finleyville, Pa
Hackett, E. M. Coal Co., Island, Ky
Hackman, L., Grantsville, Md
Haddock Coal Co., Plymouth, Pa
Haddock, Shonk & Co., Wilkes-Barre, Pa.
Hade, C. H., Amity, Mo
Haeberlin, S., Rosedale, Ky
Haensel, David, Lenzburg, Ill
Hagenhouse, A., Zanesville, Ohio
Hagood Coal Co., Higginsville, Mo
Haines, O., Paris, Ohio
Hains, Oro, Staunton, Ind
Hair, E. B., Hopwood, Pa
Hair, Levi, Navarre, Ohio
Hajons, Simon, Sassafras, Ky
Hakes, Emerson, Rutland, Ill
Hale, Ben, Goodloe, Ky
Hale, Jackson, Goodloe, Ky
Haler, John, Sassafras, Ky
Hales & Crest, Equality, Ill
Halings Bros., Pittsburg, Pa
Hall, Albert, Danville, Ill
Hall, Allen, Baker, Ky
Hall, Ben, Baker, Ky
Hall, B. F., Sparks Hill, Ill
Hall Bros. & Beckett, Tarkio, Mo
Hall Bros. & Co., Baltimore, Md
Hall, Chas. & Son, East Palestine, Ohio.
Hall, Clayton, New Berlin, Ohio
Hall, Eli, Viper, Ky
Hall, Geo. E., Nelsonville, Ohio
Hall, Goepel & Co., Victoria, B. C
Hall, Jas., Charlton, Iowa
Hall, John, McDowell, Ky
Hall, John F., Coalton, Ohio
Hall, Jos., Beaver, Ky
Hall, J. W., Spring Grove, Ky
Hall, O., McDowell, Ky
Hall, P. W., Viper, Ky
Hall, Thos., Baker, Ky
Hall, T. B., Chandler, Ind
Hall & Brewis, Chandler, Ind
Hall & Hunt, Boonesboro, Iowa
Halliwell, T. D., Springfield, Mo
Hallowell, S., Tracy, Iowa
Ham, C. G., Albany, N. Y
Ham, J. J., Prescott, Kan
Hamblin, G. W., Laso, Ky
Hamblin, W., Rockholds, Ky
Hamburg Coal Co., Hamburg, Ohio
Hamby, H. P., Cleveland, Ohio
Hamilton, B. S., Relief, Ky
Hamilton Cannel Coal Co., Anandale, Pa.
Hamilton Coal Co., Hamilton, Mo
Hamilton, D. H., Relief, Ky
Hamilton, Mrs. F., Wadsworth, Ohio
Hamilton, John, Cuba, Ill
Hamilton, J. C., Shawnee, Ohio
Hamilton, L. C., Otsego, Ohio
Hamilton, M. W., Whiteville, Ky
Hamilton, Mosier & Warner, Missoula, Mont.
Hamilton, T. R., Bittinger, Md
Hamilton, W. D., Redfield, Ohio
Hamilton & Atkinson, Roodhouse, Ill
Hamilton & Braidwood, Weir, Kan
Hamilton & Burch, Carthage, Mo
Hamilton & Cochrane, Elk Lick, Pa
Hamilton & Grant, Weir, Kan
Hammond, Benj., Salyersville, Ky
Hampshire Coal Co., Western Port, Md.
Hampton Coal Mines, Pittsburg, Pa
Hampton, Jesse, Denver, Ky
Hampton, John, Hazel Green, Ky
Hampton, J. M., New Burnside, Ill
Hampton, R., Thayer, Kan
Hams Fork Coal & Mining Co., Hams Fork, Wyo.
Hanawatt, D. H., Coalmont, Pa
Hancock & Conkel, Farnsworth, Ind
Hander, J., Kankakee, Ill
Haney, John, Caney, Ky
Haney, Solomon, Mize, Ky
Hanging Rock Coal Co., Jackson, Ohio
Hankins, Hisky & Co., Boulder, Colo
Hann, C., Carpenter, Ky
Hanna Bros., Pittsburg, Pa
Harna City Coal Co., Hanna, Ill
Hanna & Gabriel, Sandrun, Ohio
Hannum, Austin, East Fairfield, Ohio
Hansel, Geo. M., Frostburg, Md
Hansel, E. W. & E. D., Mt. Vernon, Ky.
Hansel, J. B., Frostburg, Md
Hanson, J. H., Mt. Claire, W. Va
Hanson, Thos., Colfax, Iowa
Happy Coal Co., Centerville, Iowa
Happy Hollow C. Co., Happy Hollow, Ky.
Harbaugh, J. F., Chesterfield, Ill
Harberger, Peter, Wyoming, Ill
Hard Coal Co., Jackson, Ohio
Hardes & Hafer, Shelburn, Ind
Hardin, Geo., Carbon, Iowa
Hardin, H. A., Rousseau, Ky
Hardin, W. H., Beech Grove, Ky
Harding, J., Middlegrove, Ill
Hardy, Wm., Epson, Ind
Hargraves, Wm., Equality, Ill
Harkstron, Eric, Knoxville, Ill
Harmon, T. M., Bland, Va
Harper, Ben., Rochester, Ky
Harper, E., Zanesville, Ohio
Harper, Geo. H., Zanesville, Ohio
Harper, J., McLeansboro, Ill
Harper, John, Gimlet, Ky
Harper, J. C., Flint, Ill
Harper, Lewis, Zanesville, Ohio
Harper, N. C., Bremer, Ky
Harper, S. H., Flint, Ill
Harrah, W. S., Casselman, Pa
Harrel, J., Wright, Ind
Harrellson, D., Huntington, Ark
Harrier, Rev. J. H., North Industry, Ohio.
Harriman & McMasters, Peoria, Ill
Harrington, R. F., Marseilles, Ill
Harriot Bros., Stahl, Mo
Harris, A. J., Coal Run, Ky
Harris Coal Co., Jobs, Ohio
Harris, E. W., Lohn, Tex
Harris, Hardy, Catlin, Ill
Harris, John, Fulton, Mo
Harris, Kelly, Harlan, Ky
Harris, N., Asherville, Ind
Harris, Oliver, Canton, Ill
Harris, R., Quitman, Mo
Harris, W. B. & Co., Zanesville, Ohio
Harris & Motsinger, South America, Ill
Harrison, Ben., Vilander, Mo
Harrison Coal Co., Clay City, Ind
Harrison Coal Co., Dogwood, Ala
Harrison Coal Co., Youngstown, Ohio
Harrison Co. C. & C. Co., Clarksburg, W. Va.
Harrison Gas Coal Co., Philadelphia, Pa
Harrison, J., McKee, Ky
Harrison, W. P., Nyesville, Ind
Harst, John, Belleville, Ill
Hart Coal Co., Crooksville, Ohio
Hart, F. C., Sandstone, Mo
Hart, H. E., New York
Hart, J. B., East Bethlehem, Pa
Hart, Nicholas, Tuscarawas, Ohio
Hart, S. B., Woodbine, Ky
Hart, Thos., Munson Sta., Pa
Hart, T. L., West Louisville, Ky
Hart & Caldwell, Carbon, Iowa
Hartford, A., Prairie City, Ill
Hartley, A., Hawks, Ohio
Hartley, Roger, Allegheny, Pa
Hartley & Marshall, South Pittsburg, Pa.
Hartman, Chas., Belleville, Ill
Hartman, H. J., Carbondale, Kan
Hartman, Jacob, North Washington, Pa.
Harto, V., Fairview, Ill
Hartshorn Bros., Eureka, Iowa
Hartt, G. F., Montreal, Que
Hartwell Coal Co., Oil City, Pa
Hartzer, Geo., Albia, Iowa
Harvey Coal Mg. Co., Philadelphia, Pa.
Harvey C. & C. Co., Bissell, W. Va
Haselden, M. L., Mt. Claire, W. Va
Hasemener, Jos., Wheeling, W. Va
Haskins, E., Heber, Kan
Haskins, Mat, Slushers Mill, Ky
Hass, G. S., Carbon Center, Mo
Hassler & Meiser, Osnaburg, Ohio
Hatcher, A. J., Pikeville, Ky
Hatcher, G., Prestonburg, Ky
Hatcher, J. H., Prestonburg, Ky
Hatcher, M. L., Prestonburg, Ky
Hatfield, A. B., White Post, Ky
Hatfield, H. C., Liberal, Mo
Hatfield, W. M., Mineral City, Ind
Hathaway, R., Carbon, Iowa
Hatter, Jos., Staunton, Ind
Hatton, J. S., Tanksley, Ky
Hatton, Lewis, Tanksley, Ky
Hatz, J. R., Dover Hill, Ind
Haven, Sam'l, Grassy Creek, Ky
Havens, S. W., Mize, Ky
Haver, A. S., Knoxville, Ill
Hawes, Jos. & Son, Harmony, Ohio
Hawesville Coal Co., Hawesville, Ky
Hawkes, O. L., Hawks, Ohio
Hawkeye Coal & Mining Co., Ottumwa, Iowa
Hawkins, Amos, Georgetown, Ill
Hawkins, John, New Castle, Ill
Hawkins, L. E., Canton, W. Va
Hawkins & Smith, Higginsville, Mo
Haws, A., Prosperity, Ky
Haws, A. J. & Son, Johnstown, Pa
Hay, C. T., Elk Lick, Pa
Haydenville Mg. & Mfg. Co., Columbus, O.
Hayes A. Coal Co., Monongahela, Pa
Hayes, E., Roodhouse, Ill
Hayes, J. H. & Co., Jasper, Ala
Hayhurst, J., Confidence, Iowa
Haykes, E., Rutland, Ill
Hayman, J., Myers, Ohio
Hays, Basil D., Lamar, Mo
Hays Coal Co., Pittsburg, Pa
Hays, C. W., New York
Hays, H. B. & Bro., Hopechurch, Pa
Hays, R. Lackey, Ky
Hays, W. S. B., Monongahela, Pa
Hayward, M. C., Providence, R. I
Haywood Coal Mg. Co., Syracuse, N. Y.
Hazel Creek C. Co., Clinton, Ind
Hazelton Coal Co., Mystic, Iowa
Hazelton, J. H., Shawnee, Ohio
Heathcock, Geo., Princeton, Ill
Heather & Wood, Morris, Ill
Heatherington, Jacob, Bellaire, Ohio
Heaton, Samuel, Philadelphia, Pa
Heck & Petru C. Co., Coal Creek, Tenn.
Hecla Coal Co., Nashville, Tenn
Hecla Coal Co., Southeast, Pa
Hecla Coal Mg. Co., Louisville, Colo
Hecla Coal & Mg. Co., Earlington, Ky
Hecla Coke Co., Southwest, Pa
Hedger, Wm. S., Slater, Mo
Hedges, G. W., Wales, Ohio
Hedges, I. M., Caseyville, Ky
Hedges, W. P., Cadiz, Ohio
Heelner, P. & Son, Philadelphia, Pa
Heenan, J. C., Ledford, Ill
Hefferman, J. W., Albany, N. Y
Hefner, G. & W., Leading Creek, W. Va.
Hegarty, Samuel, Coalport, Pa
Hegarty, W. W., Coalport, Pa
Heilig, Anton, Greenville, Pa
Heinemann, Jos., Worthington, Ind
Heinies, T. C., Osceola Mills, Pa
Heisenbutte, J. D., New York
Helfer, W. A., Akron, Ohio
Heller, P., Jr., Albany, N. Y
Heller, P. O., Bernadotte, Ill
Heller & Co., Bernadotte, Ill

Helling Bros., Martins Ferry, Ohio.....
Helling, H., Sons, Martins Ferry, Ohio.....
Helm, Moses, Morgantown, Ky.....
Helton, C., Asherville, Ind.....
Helton, Jas., Williams Creek, Ky.....
Helton & Eagleton, Center Point, Ind.....
Hempfield Coal Co., Greensburg, Pa.....
Henderson, A., Minersville, Kan.....
Henderson Bros., Vancouver, B. C.....
Henderson, J. S., McCredie, Mo.....
Henderson Mining Co., Henderson, Ky....
Henderson, R. I., Corinth, W. Va.....
Henderson, R. M., Guthrie, Mo.....
Henderson & Co., Retro, Tenn.....
Henderson & Co., Spurgeon, Mo.....
Henderson & Reynolds, Auxvasse, Mo.....
Henderson & Throp, Angus, Iowa.....
Hendricks, W., Meyers Falls, Idaho.....
Henrietta Coal Co., Dunlo, Pa.....
Henrietta Coal Co., Mystic, Iowa.....
Henry Bros., Rathmel, Pa.....
Henry, G. B., Hampton, Ill.....
Henry, Jas. G., Kittanning Point, Pa.....
Henry, J. H., Tyrconnell Mines, W. Va....
Henry, John L., West Liberty, Ky.....
Henschel, Aug., Don, Ohio.....
Hensley, A., Jonesburg, Ky.....
Hensley, A., Laurel Creek, Ky.....
Hensley, W., Burning Springs, Ky.....
Hensley, Wm., Camden, Mo.....
Hensley, Wm., Ezel, Ky.....
Hensley, Wm., Mize, Ky.....
Henson, G. W. & Co., Sikeston, Mo.....
Henson, Thos., Barboursville, Ky.....
Henson, Wm., McDowell, Ky.....
Hentster, John, Huff, Ind.....
Hepler, J. O., Shippensville, Pa.....
Herberger, Peter, Wyoming, Ill.....
Herd, John, Manchester, Ky.....
Herden Coal Co., Galva, Ill.....
Herndon, Sam'l, Booneville, Ky.....
Herning, A., Tuscarawas, Ohio.....
Herniston, James, Philadelphia, Pa.....
Herr, H., Orlando, Ky.....
Herrald, Thos., West Louisville, Ky.....
Herrald, Wm., Aberdeen, Ky.....
Herrell, E., Galen, Ky.....
Herron, Wm., Livermore, Ky.....
Hershberger, Elias, Elk Lick, Pa.....
Heslop, R. & Son, Bellaire, Ohio.....
Hess, Chas., Jefferson City, Mo.....
Hess, Frank, Pomeroy, Ohio.....
Hess, George, Steel, Ohio.....
Hess Heirs, Sandy Lake, Pa.....
Hesser, C. T., New York.....
Hessig, H., Huff, Ind.....
Hewey, Chas., Elkton, Ky.....
Hewlett, W. T., Pleasant Ridge, Ky.....
Hibbard, John, Pongo, Ky.....
Hick, Wm., N. Salem, Ohio.....
Hickathorne, D., Bakers Landing, Pa.....
Hickes, A. H. & A. G., Coalmont, Pa.....
Hickman & Chandler, Delta, Iowa.....
Hickman, D. C., Cokeville, Wyo.....
Hickman, L., Lacona, Iowa.....
Hickman, Cowell & Co., Coal Run, Ohio..
Hickory Coal Co., Hickory, Iowa.....
Hicks, H., Hopkins, Mo.....
Hicks, Isaac, Arthurs, Pa.....
Hicks, J. H., Coalmont, Pa.....
Hicks, Sam'l, Delaware, Ky.....
Hidingsfelter, Geo., Geistown, Pa.....
Higbee, A. W., Lombardville, Ill.....
Higbee Coal & Mg. Co., Higbee, Mo.....
Higbee, Jas., Wyoming, Ill.....
Higdon, C. N., Knottsville, Ky.....
Higgins, Chas., Beauty, W. Va.....
Higgins, G. W., Blair, Ill.....
Higgins, Hoops & Morris, Panora, Iowa..
Highberger, Ezra, Madison, Pa.....
Highland Coal Co., Belleville, Ill.....
Highland Coal Co., Philadelphia, Pa.....
Hightower, J. H., Walker, Mo.....
Hikman & Co., Chavies, Ky.....
Hildebrand, M., Mineral City, Ind.....
Hill, A. & Son, Aurora, Ind.....
Hill Bros. & Waters, Cable, Ill.....
Hill Bros., Fosterburg, Ill.....
Hill Bros. & Walters, Cable, Ill.....
Hill Coal Co., Ltd., Jackson Centre, Pa..
Hill, Mrs. C. B., Cable, Ill.....
Hill Elliott, Relief, Ky.....
Hill, E. J., Ophir, Ky.....
Hill, Gus., Mullis, Ky.....
Hill, Jesse, Mullis, Ky.....
Hill J. W., Relief, Ky.....
Hill, M., Mullis, Ky.....
Hill, Sam'l, Laynesville, Ky.....
Hill, Wm., Carbon, Iowa.....
Hill, W. B., Relief, Ky.....
Hill & Kindrick, Knott, Tenn.....

Hilles, J. & Co., Baltimore, Md.....
Hilliard, Eli, Colchester, Ill.....
Hillman Vein Coal Co., Wilkes-Barre, Pa..
Hills, L. M. & W., Albany, N. Y.....
Hillsboro Coal Co., Hillsboro, Ill.....
Hillsdale Coal Co., Jones Sta., Pa.....
Hillsdale Coal & Iron Co., Moosic, Pa.....
Hillside Coal Co., Mercer Sta., Ky.....
Hillside Coal & Iron Co., Scranton, Pa...
Hinds Coal Co., Loding Ill.....
Hinds, J. T., Annapolis, Ind.....
Hines, John, Ipava, Ill.....
Hinton, J. M., Eureka, Iowa.....
Hippel Coal Co., Coalton, Ohio.....
Hirah & Reed, Houtzdale, Pa.....
Hitchcock, Dan'l, Denver, Ky.....
Hitchings, John, Minersville, Ohio.....
Hite, J. A., Crumb, Pa.....
Hoak, H., Riddle's Cross Roads, Pa.....
Hobbs, Henry, Brownington, Mo.....
Hobbs, H. B., Deepwater, Mo.....
Hobbs, J., Brownington, Mo.....
Hobson, Dr., Flushing, Ohio.....
Hock & Huffman, Garrett, Pa.....
Hocker Co., Amoret, Mo.....
Hocking Coal Co., Meyersdale, Pa.....
Hocking Valley C. Co., Columbus, Ohio...
Hodge, A. B., Strickler, Ark.....
Hodge, John & Perry, Rushville, Ill.....
Hodgon, Geo., Danville, Ill.....
Hoigett Bros., Sheffield, Ill.....
Hodgkins, W. H., Crescent City, Cal.....
Hodgson, Wm., Colchester, Ill.....
Hoene, Warrior & Jefferson Coal Co., Warrior, Ala.....
Hoffman, C. W., Timberline, Mont.....
Hoffman, Otto, New Albany, Ind.....
Hoffman & Albright, Albany, N. Y.....
Hogg, S. P., Booneville, Ky.....
Hoggins & Ross, Scranton, Kan.....
Hogsett, R. & Co., Mt. Braddock, Pa.....
Hogston, Thos., Rousseau, Ky.....
Hohimer, Levi, Petersburg, Ill.....
Holbert, John, Alphoretta, Ky.....
Holbrook, A. M., Blaine, Ky.....
Holbrook, N., Bickley's Mills, Va.....
Holcomb, A. B., Maulden, Ky.....
Holcomb Bros., Keelville, Kan.....
Holcomb, D., Whitesburg, Ky.....
Holcomb, J. E., Maulden, Ky.....
Holden, C. Edw., Mineral Point, Ohio.....
Holdsworth, Edw., Zanesville, Ohio.....
Holiday Creek Coal Co., Ft. Dodge, Iowa..
Holland, Ed., Nelsonville, Ohio.....
Holland, W. H., Buffalo, Wyo.....
Holland, W. H. & Sons, Winona, W. Va..
Holcomb, A. T., Scioto Furnace, Ohio.....
Holliday, Chas., Annapolis, Ind.....
Holliday, R. H., Edmond, W. Va:.....
Hollon, Ed., Winslow, Ind.....
Holloway & Co., Columbiana, Ohio.....
Hollowell, S., Tracy, Iowa.....
Hollway, Z. T., Rothville, Mo.....
Hollywood, L., Bonanza, Wyo.....
Holman, John, Rochester, Ky.....
Holmes, A., Fulton, Mo.....
Holmes, Ira A., Brighton, Ill.....
Holmes, J., Leonard, Ky.....
Holmstrom, Chas., Boston, Mo.....
Holt, W. R., Quitman, Mo.....
Holt & Buck, Clarence, Pa.....
Holton, J. H., Blaine, Ky.....
Holwell, Wm., Inyan Kara, Wyo.....
Home Block Coal Co., Youngstown, Ohio..
Home Coal Co., Salt Lake City, Utah.....
Home Mining Co., Leavenworth, Kan.....
Homes, W., Video, Pa.....
Honaker, Jas., Coal Run, Ky.....
Honey Creek Coal & Mining Co., Huntingburg, Ind.....
Hook, Amos, Hanson, Ky.....
Hoosier Coal Mg. Co., Brazil, Ind.....
Hoover, A. A., Leighton, Iowa.....
Hoover, M. & Bros., Hooversville, Pa....
Hoover, W. N., Carbonado, Iowa.....
Hoover & Simmons, Canal Fulton, Ohio..
Hope, G. D., Westport, Mo.....
Hope Salt & Coal Co., Mason, W. Va.....
Hopkins Coal Co., Nebo, Ky.....
Hopkins, J. C., Catlettsburg, Ky.....
Hopkins, S. W., Rich Mill, Mo.....
Hopper, Sam'l, Knoxville, Ill.....
Hopper & Wilson, Portage, Pa.....
Hopwood, Jos., Hopwood, Pa.....
Hord Bros., Grayson, Ky.....
Hord, T. B., Harrisburg, Mo.....
Horlander, S., Mariahhill, Ind.....
Horn Colliery Co., Duquoin, Ill.....
Horn Demas, Zollarsville, Pa.....
Horn, John, Millersburg, Ohio.....
Hornell, J. C., Laynesville, Ky.....

Hornell & Ashman, Salem, Ohio.....
Horner, J. J. & Son, Stantons Mill, Pa....
Horner, Solomon, Quemahoning, Pa.....
Horner, Wm., Quemahoning, Pa.....
Horner & Roberts, Elizabeth, Pa.....
Hornet Coal Co., Pittsburg, Pa.....
Hornsby, I., Treadway, Ky.....
Hornsby, J. L. & Son, Laurel Creek, Ky..
Hornsby, Mary, Treadway, Ky.....
Horrocks, Jonathan, Johnstown, Pa.....
Horrocks, Wm., Henry, Ill.....
Horse Creek Coal & Coke Co., Birmingham, Ala.....
Horton, David, Wells Tannery, Pa.....
Horton, Jacob, Willard, Ky.....
Horton, J. A., New York.....
Hoskinson, Robt., Waynesburg, Pa.....
Hostetter Connellsville Coke Co., Pittsburg, Pa.....
Hostetter, H. E., Summit, Pa.....
Hostetter, J. P., Casselman, Pa.....
Hostler, H. B., New Berlin, Ohio.....
Hotham, Fred, Carbondale, Kan.....
Hotz, Wm., Doverhill, Ind.....
Hough, I., Video, Pa.....
Houghton, John, New England, Pa.....
Houlet, Geo., Quaker, Ind.....
House, John T., Knobnoster, Mo.....
Householder, G. W., Minerton, Ohio.....
Houser, S., Seymour, Iowa.....
Houser, Sam'l J., Cortez, Colo.....
Houston C. & C. Co., Elkhorn, W. Va....
Houston, McDaniel & Co., Pittsburg, Tenn.
Hout Bros., Richmond, Ohio.....
Howard, Barry, Wallins Creek, Ky.....
Howard, Chas., Marietta, Ill.....
Howard, C. C., Jonesburg, Ky.....
Howard, C. H., Staunton, Ind.....
Howard C. & C. Co., Baltimore, Md.....
Howard, Dan'l, Pineville, Ky.....
Howard, Geo., Gypsy, Ky.....
Howard, Geo., Shambaugh, Iowa.....
Howard, John E., Gypsy, Ky.....
Howard, Larkin, Wallins Creek, Ky.....
Howard, Mac, Bingham, Ky.....
Howard, P. E., Habit, Ky.....
Howard, Poley, Wallins Creek, Ky.....
Howard, W. R., Lickburg, Ky.....
Howarth, Rich., Wyoming, Ill.....
Howarth & Taylor Bros., Pottstown, Ill...
Howe, J. D., Dublin, Va.....
Howe, W. & Co., New York.....
Howe, Wm. & Co., Streator, Ill.....
Howell, Sam'l, Aitch, Ohio.....
Howell, S. Y., Salem, Ohio.....
Howell, W. H., Harrisburg, Ill.....
Howell & McCreary, Harrisburg, Ill.....
Howells Coal Co., Massillon, Ohio.....
Howes, E. F. & H. S., Paintsville, Ky.....
Hownshell, John, Tanksley, Ky.....
Howorth & Taylor, Edwards, Ill.....
Hoy, R. J., Prairie City, Ill.....
Hoyt, H. O., Birmingham, Ala.....
Hoyt, L. S., Hoytdale, Pa.....
Hoyt, S. C., Cambridge, Ohio.....
Hoyt & Ashman, Philipsburg, Pa.....
Hubb, Chas., Carthage, Mo.....
Hubbard, Jos., Jr., Burning Springs, Ky..
Hubbard, Jos., Sr., Burning Springs, Ky..
Hubbard, Thos., Monmouth, Ill.....
Hubbard, Wm., Prestonburg, Ky.....
Hubbell Coal Co., Richmond, Mo.....
Huddell, Geo., Philadelphia, Pa.....
Huddleson, J., Gishton, Ky.....
Hudson, Chris., Coshocton, Ohio.....
Hudson, J. L., Beech Grove, Ky.....
Hudson, J. N., Beda, Ky.....
Hudson & Bowles, Toston, Mont.....
Hudson & Co., Ragland, Ala.....
Hudson & Ross, Burlingame, Kan.....
Huess, Chas., Cassandra, Pa.....
Huess, Robt., Cassandra, Pa.....
Huey, Wm., Mountain Spring, Tex.....
Huff, Hiram, Leonard, Ky.....
Huff, I. T. & Co., Williamsport, Pa.....
Huff, Louis, Marietta, Ill.....
Huff, M., Leonard, Ky.....
Huff, Wm., Leonard, Ky.....
Huff, Wm., Wallersburg, Pa.....
Huffman Coal Co., Kewanee, Ill.....
Huffman, E., Higginsville, Mo.....
Huffman, James, Lowsburg, W. Va.....
Huffman, Sam'l, Springfield, Ohio.....
Hufnagel, Geo., Cannelton, Ind.....
Hufty, J. C., Dunkard, Pa.....
Hughes, Dave, Evensville, Tenn.....
Hughes, H. J., Mineral Ridge, Ohio.....
Hughes, J., Wright, Ky.....
Hughes, Jesse, Fanslers, Iowa.....
Hughes, J. A. & E., Windsor, Mo.....
Hughes, R. J., Portage, Pa.....

COAL—Continued.

Hughes, Wm. & Son, Canton, Ill.....
Hughes & Co., Lilly, Pa.....
Hull Coal Co., Pocahontas, Va.....
Hull, Robt. T., Bakerville, Pa.....
Hull, Thos., De Forest, Ind.....
Hull, W., Oskaloosa, Iowa.....
Hulme, Thos. D., Commerce, Iowa.....
Humboldt Mining Co., Belleville, Ill.....
Humes, Michael, Colchester, Ill.....
Humphreys, D. R., Flushing, Ohio.....
Humphries, E. A. & Co., Vance Mills, Pa..
Hunguesser, C. J., Beidler, Ohio.....
Hunt Bros., Woodland, Mo.....
Hunt, D., Huntsville, Ky.....
Hunt, Gran, Rochester, Ky.....
Hunt, J. A., Raton, N. Mex.....
Hunter, Barney, Slater, Mo.....
Hunter Bros., Walker, Mo.....
Hunter, H. C., Cumberland, Ohio.....
Hunter, Jno., Colchester, Ill.....
Hunter, J. W., Philadelphia, Pa.....
Hunter, J. W., Sebree, Ky.....
Hunter, M. B., Cumberland, Ohio.....
Huntingdon & Broad Top Mountain R. R. & Coal Co., Hopewell, Pa.....
Huntington Coal Co., Cleveland, Ohio.....
Huntley, David W., Yantic, Mont.....
Huntsinger, W., McCune, Kan.....
Huntsville C. & Mg. Co., Huntsville, Mo..
Hurd Coal Co., Jackson, Ohio.....
Hurley, Jas., Osceola Mills, Pa.....
Hurst, E. N., Carbon Center, Mo.....
Hurst, J. W., Deepwater, Mo.....
Hurst, Lot, Bartonville, Ill.....
Hurst, Thos., Winslow, Ind.....
Hurst, W. P. & Co., Smock, Pa.....
Hussey, A. H., Ready, Ky.....
Husson, J. R., New York.....
Huston Coal Co., Diamond, Ohio.....
Huston, H. C., Salineville, Ohio.....
Huston, Jacob, Uhrichsville, Ohio.....
Huston, Jas., Hardin, Mo.....
Huston & Faust, Carrollton, Ohio.....
Hutchin, Wm. & Co., Mineral Ridge, Ohio.
Hutchins, John A., Wyoming, Pa.....
Hutchinson Bros. & Hinrod, Scottdale, W. Va.....
Hutchinson Bros. & Son, Zenorsville, Iowa.
Hutchinson C. & C. Co., Opekiska, W. Va.
Hutchinson, G. A., Huntington, Ark.....
Hutchinson, Jos., Staunton, Ind.....
Hutchinson, T. B., Fielden, Ky.....
Hutchcraft, B. R., Lexington, Ky.....
Hutson Coal Co., Cleveland, Ohio.....
Hutton, C. E. & Co., Philadelphia, Pa....
Hyatt, J. H., Coal City, Ind.....
Hyde & Perce, Radersburg, Mont.....
Hymera Coal Co., Hymera, Ind.....
Hynd, John, Loding, Ill.....
Hysell & Edwards, Middleport, W. Va....
Idaho & Wyoming Coal & Mining Co., Idaho Falls, Idaho.....
Idson, Wm., Fayetteville, Ariz.....
Illinois Coal Co., Mapleton, Ill.....
Illinois Coke & Coal Co., Peoria, Ill.....
Illinois Fuel Co., Chicago, Ill.....
Illinois Valley Coal Co., Oglesby, Ill.....
Imperial Coal Co., Imperial, Pa.....
Indian Creek Coal Co., Bicknell, Ind.....
Indian Creek Coal Co., Oliver Spgs., Tenn.
Indian Creek C. Co., Parker's Lake, Ky...
Independent Coal Co., Denver, Colo.....
Indian Mountain Coal Co., Jellico, Tenn..
Indian Mountain Jellico Coal Co., Knoxville, Tenn.....
Indian Ridge C. & C. Co., Jones, W. Va...
Indian Territory Coal Co., Joplin, Mo....
Indiana Bit. Coal Co., Clinton, Ind.....
Indiana Coal Co., Blairsville, Pa.....
Inez Coal Co., Inez, Wyo.....
Ingate, Addison, Bucks, Ohio.....
Ingersoll & Spurrier, Eureka, Iowa.....
Ingham, Jas., Scranton, Kan.....
Ingle, D., Ayrshire, Ind.....
Ingle, J. & Co., Evansville, Ind.....
Ingleman, A. P., Waverly, Kan.....
Ingleside Coal Co., Walsall, Pa.....
Ingram, Wm., Kings, Ohio.....
Ingram, W. T., Mize, Ky.....
Inman, F. W., Content, Pa.....
International Coal Mg. Co., Phila., Pa.....
Intercolonial Coal Mining Co., Montreal, Que.....
Intercolonial Coal Mining Co., Ltd., Westville, N. S.....
Interstate Mining Co., Higbee, Mo.....
Iowa Fuel Co., Oskaloosa, Iowa.....
Iowa & Mo. C. & Mg. Co., Mystic, Iowa....
Iowa & Wis. Coal Co., Cedar Mines, Iowa.
Iron, Moses, Indian Bottom, Ky.....
Ironton Coal Co., Philadelphia, Pa.....
Irvona Coal Co., Philadelphia, Pa.....
Irwin, R. G., Millstone, Pa.....
Isaac, Henry, Scranton, Kan.....
Isaac, Judge S., Booneville, Ky.....
Isaacs & Price, Buck Creek, Ky.....
Isabella Furnace Co., Blairsville, Pa.....
Isenburg, A. P., Brisbin, Pa.....
Isenburg & Co., Gillenwater, Tenn.....
Island Coal Co., Indianapolis, Ind.....
Island Coal Co., Island, Ky.....
Island Valley C. & Mg. Co., Linton, Ind..
Ison, A., Riddle, Ky.....
Ison, Dr., Relief, Ky.....
Ison, J. M., Isonville, Ky.....
Israel, N. J., Centropolis, Mo.....
Israel, Sam, Roodhouse, Ill.....
Ivy Leaf Coal & Coke Co., Birmingham, Ala.....
Jack, Robt., Co-Op. Co., Allenport, Pa....
Jackman, E. R., Philipsburg, Pa.....
Jacks Coal & Mg. Co., Burlingame, Kan...
Jackson Coal Co., Wellston, Ohio.....
Jackson Coal Mg. Co., Jackson, Mich.....
Jackson Coal & Mg. Co., Brazil, Ind.....
Jackson, F. L., Compher, Ohio.....
Jackson Hill Coal Co., Jackson, Ohio.....
Jackson Hill C. & C. Co., Eagle, Ind.....
Jackson, John G., Otsego, Ohio.....
Jackson, J. & Co., Shelbyville, Ill.....
Jackson Mines Co., Dawson, Pa.....
Jackson, Oliver, Fairmont, W. Va.....
Jackson, Robt. A., Powelton, Pa.....
Jackson, W., Oakland City, Ind.....
Jackson, W. J. & Co., Retort, Pa.....
Jackson & Taggart, Higginsville, Mo.....
Jackson & Wright, New Lexington, Ohio..
Jacksonville Coal Co., Columbus, Ohio.....
Jaco, J. N., Eccles, Mo.....
Jacobs, J. S., Akron, Ohio.....
Jacobs & Co., Lima, Mont.....
James, A. T., Panther, Ky.....
James Bros., Axial, Colo.....
James, Eben, Johnstown, Pa.....
James, Sam'l, Ricedale, Ky.....
James, W. F., Coatsville, Mo.....
James, W. W. & Co., Bristol, Tenn.....
James & Harper, Big Oak Flat, Cal.....
James & Son, Mineral Ridge, Ohio.....
Jamieson Coal Co., Loding, Ill.....
Jamieson, Thos., Beattyville, Ky.....
Jamison Coal Co., Greensburg, Pa.....
Jamison, Robt., Dresden, Ohio.....
Jared, B. F., Confidence, Iowa.....
Jares, E. C., Industry, Ill.....
Jarvis, Perry, Manchester, Ky.....
Jarvis, R. T., McNary, Ky.....
Jarvis, Wm., Jarvisville, W. Va.....
Jasper Co. Coal Co., Colfax, Iowa.....
Jayne, Dan'l, Flat Gap, Ky.....
Jeanderbine Bros., Mt. Eaton, Ohio.....
Jeddo Tunnel Co., Jeddo, Pa.....
Jefferson Coal Co., Coal Glen, Pa.....
Jefferson C. & Iron Co., Steubenville, Ohio.
Jefferson, F. C. Co., Toronto, Ohio.....
Jefferson Furnace Co., Oak Hill, Ohio.....
Jefferson, Jett., Booneville, Ky.....
Jefferson, T., Prestonsburg, Ky.....
Jefferson, W. T., Colchester, Ill.....
Jefford Bros., Kingston, Ill.....
Jeffreys, Geo., Barnesville, Ohio.....
Jeffreys, Geo., Trinidad, Colo.....
Jeffries, Noah, Rochester Mills, Pa.....
Jellico Coal Mg. Co., Mountain Ash, Ky..
Jellico Mountain Coal & Coke Co., Louisville, Ky.....
Jellico & Bird Eye Coal Co., Jellico, Ky..
Jenking, Richard, Tracy, Cal.....
Jenkins Bros., Danville, Ill.....
Jenkins, E. P. & Co., Six Mile Run, Pa...
Jenkins, Robt., Milesville, Pa.....
Jenkins, Thos., Grand Ledge, Mich.....
Jenkins, T. M. & Co., Pittsburg, Pa.....
Jenkins, W. M., Whitesburg, Ky.....
Jenkyn, Mrs. E. J., Joliet, Pa.....
Jennie, James, Petersburg, Ind.....
Jeremy, Wm., Arvonia, Kan.....
Jerico Mining & Pros. Co., Jerico, Mo.....
Jermyn & Co., Scranton, Pa.....
Jerva Block Coal Co., Chicago, Ill.....
Jett, J. P., Conkling, Ky.....
Jewell, C. A., Grove City, Pa.....
Jochum & Co., Wheeling, W. Va.....
Joggins Coal Mg. Ass'n, St. John, N. B...
John, Frederick, Rockport, Utah.....
John, T. H., Cedar Bluff, Va.....
Johnson, A., Chavies, Ky.....
Johnson, A., Mullis, Ky.....
Johnson, Andrew, Baldwin, Colo.....
Johnson, A. J., Mullis, Ky.....
Johnson, A. W., Rivesville, W. Va.....
Johnson Bros., Omaha, Neb.....
Johnson, Chas., St. George, N. B.....
Johnson Coal Co., Marissa, Ill.....
Johnson Coal Co., Reservoir, Ohio.....
Johnson Coal Co., Scranton, Pa.....
Johnson, E., Kalo, Iowa.....
Johnson, Fred, Wataga, Ill.....
Johnson, G. W., Buncombe, Ky.....
Johnson Hill Coal Co., Nelsonville, Ohio..
Johnson, Jno., Cuba, Ill.....
Johnson, John, Fordsville, Ky.....
Johnson, John J., Ironton, Ohio.....
Johnson, Joseph, Gypsy, Ky.....
Johnson, J. D., Waynesburg, Pa.....
Johnson, Orlando S., Scranton, Pa.....
Johnson, P., McGlone, Ky.....
Johnson, Robt., Platteville, Colo.....
Johnson, W., New York.....
Johnson, Waverly, Nogal, N. Mex.....
Johnson, W. D. & Co., Boonesboro, Iowa..
Johnson, W. E., Joplin, Mo.....
Johnson, W. H., Delaware, Ky.....
Johnson, W. R., Crescent, W. Va.....
Johnson & McCarthy, Bozeman, Mont.....
Johnson & Son, Smithton, Ill.....
Johnston, C., Crockettsville, Ky.....
Johnston, Sam'l, Crockettsville, Ky.....
Johnston, T. S., Leota, Pa.....
Johnstone, Thos., Chavies, Ky.....
Jolee, John, Carbondale, Kan.....
Jolie Bros., Barnard, Mo.....
Jonas, M. E., Volcano, W. Va.....
Jones, Arthur, Catlin, Ill.....
Jones, A. O. B. Co., Zanesville, Ohio.....
Jones, B., Elk Lick, Pa.....
Jones Bros., Minersville, Pa.....
Jones, B. L., Galen, Ky.....
Jones Coal Co., Jackson, Ohio.....
Jones Coal & Coke Co., Coeburn, Va.....
Jones, D. D., Hooversville, Pa.....
Jones, D. K., Summerset, Iowa.....
Jones, E., Salineville, Ohio.....
Jones, Evan, Catlin, Ill.....
Jones, E. D., Wales, Ohio.....
Jones, Geo. & Co., West Elizabeth, Pa...
Jones, George W., Huntsville, Mo.....
Jones, Green, Harlan, Ky.....
Jones, Hugh, Lebo, Kan.....
Jones, H. G., Amity, Mo.....
Jones, H. R., South, Ky.....
Jones, J., Winchester, Ill.....
Jones, Jacob, Blossburg, Pa.....
Jones, James, Monongahela City, Pa.....
Jones, John, East Palestine, Ohio.....
Jones, J. A., Saxton, Ky.....
Jones, J. B., Bush, Ky.....
Jones, J. H., McLuney, Ohio.....
Jones, J. L., Jonesburg, Ky.....
Jones, J. M., Catlin, Ill.....
Jones, J. S., Paradise, Ky.....
Jones, J. W., Humrick, Ill.....
Jones, L. L., Canton, Ill.....
Jones, M. D., Wellsville, Ohio.....
Jones, Matt., Carbondale, Kan.....
Jones, M. E., Carbondale, Kan.....
Jones, O. Perry, Philipsburg, Pa.....
Jones, Q. P., Philipsburg, Pa.....
Jones, R., Kingston, Ky.....
Jones, Richard, Industry, Ill.....
Jones, Sam'l, Augusta, Ill.....
Jones, Simpson & Co., Archbald, Pa.....
Jones, Thos., Dale, Ind.....
Jones, T. H., Boreing, Ky.....
Jones, Thos. J., Catlin, Ill.....
Jones, W. A., Coalton, Ohio.....
Jones, W. C., Knuckles, Ky.....
Jones, W. H., Boreing, Ky.....
Jones, Walter, Browns Station, Mo.....
Jones, Wm., Livia, Ky.....
Jones, Wm., Victoria, B. C.....
Jones, Wm. R., Zoar, Ohio.....
Jones & Blant, Mineral Ridge, Ohio.....
Jones & Griffith, Mineral Ridge, Ohio.....
Jones & Morgan, Jackson, Ohio.....
Jones & Scott, Mansfield Valley, Pa.....
Joose & Dalyrimple, Peoria, Ill.....
Joplin Syndicate Mining Co., Joplin, Mo..
Jordan, Horace, West Freedom, Pa.....
Jordan, John, Kickapoo, Ill.....
Jorden, Wm., Dunfermline, Ill.....
Jordon, J., Honaker, Va.....
Jorris-Bartley Mg. Co., Henderson, Ky...
Joyce, P. F., Kingsville, W. Va.....
Judson Coal Co., Troy, N. Y.....
Juhling Coal Co., Hartford, W. Va.....
Juniata Coke Co., Juniataville, Pa.....
Juniper Bros. & Lampman, Nelsonville, Ohio.....
Jupiter Mining Co., Duquoin, Ill.....
Justin, S., Colchester, Ill.....

Jutte, C. & Co., Pittsburg, Pa.....
Kabel, Chas., Moro, Ill.....
Kable, H., Bethalto, Ill.....
Kahoka Lumber & Coal Co., Kahoka, Mo.
Kalore, John, Noah, Mo.....
Kammerdiner, J., Goheenville, Pa.....
Kanawha C. & C. Co., Cincinnati, Ohio..
Kanawha Valley Coal Co., Charleston, W. Va.....
Kandle, C. P., Blacksburg, Va.....
Kankakee Stone Co., Kankakee, Ill.....
Kanode & Glussner, Blacksburg, Va.....
Kansas City Clay & Coal Co., Kansas City, Mo.....
Kansas City C. & C. Co., Carbon Hill, Ala.
Kansas Con. Co., Wichita, Kan.....
Kansas Shaft & Mining Co., Midway, Kan.
Kansas State Penitentiary, Lansing, Kan..
Kansas & Texas Coal Co., St. Louis, Mo..
Karnes, Alva, Island, Ky.....
Karnes, R. M., Island, Ky.....
Karr, Josiah, Fairview, Ill.....
Kasley, T. E., Wheeling, W. Va.....
Kauff Bros., Middleport, Ohio.....
Kaul & Hall, St. Marys, Pa.....
Kay, Hy., Morris, Ill.....
Kay, James, Atkinson, Ill.....
Kayes, Sir Lester, Gull Lake, N. W. T.....
Kear, Geo., Sparland, Ill.....
Keaton, H., Relief, Ky.....
Keator, E., Fielden, Ky.....
Keck & Stevenson, Hawks, Ohio.....
Keckline Coal Co., Minersville, Pa.....
Keeks Coal Co., Woodland, Pa.....
Keefe, Jas. & Co., Ft. Dodge, Iowa.....
Keefe, Masterson & Son, Peoria, Ill.....
Keefe & Dolby, Coalville, Iowa.....
Keel Ridge Coal Co., Sharon, Pa.....
Keeley, B., Kewanee, Ill.....
Keeling Coal Co., Pittsburg, Pa.....
Keever & Son, Coal Run, Ohio.....
Keffer, M., Ligonier, Pa.....
Keihl & Son, Johnson, Ohio.....
Keim, H. B., Elk Lick, Pa.....
Keim, J. B., Elk Lick, Pa.....
Keister, B. F. & Co., Owensdale, Pa.....
Keister, J. R., Price's Fork, Va.....
Keith & Perry Coal Co., Kansas City, Mo.
Kellams, Sherman, Jasper, Ind.....
Kellar, John S., East Point, Ky.....
Kellar & Sons, Bartonville, Ill.....
Kellarville, G. & Co., Bartonville, Ill.....
Keller, Geo. & Sons, Bartonville, Ill.....
Kelley, Chas., Wilson, Kan.....
Kelley G. W., Sassafras, Ky.....
Kelley, J. B., Gimlet, Ky.....
Kelley, J. P., Leonard, Ky.....
Kelley, Thos., Sassafras, Ky.....
Kelley, Wm., Sassafras, Ky.....
Kelley, W., Jr., Evarts, Ky.....
Kelly Bros., Snow Shoe, Pa.....
Kelly Coal Co., Lexington, Mo.....
Kelly C. & C. Co., Portland Sta., Ohio.....
Kelly, Josh., Newcastle, Cal.....
Kelly, J. M. & Co., Grape Creek, Ill.....
Kelly, M., Thornburg, Iowa.....
Kelly, P., Hawesville, Ky.....
Kelly, Silas, Clarksburg, Pa.....
Kelly, Wm., Grape Creek, Ill.....
Kelly & Co., Shelbyville, Ill.....
Kellyville Coal Co., Danville, Ill.....
Kelsey, P. G. & Co., Caseyville, Ky.....
Kemble Coal & Iron Co., Tatesville, Pa..
Kemmerer, Jno. P. & Son, Manordale, Pa.
Kemmerer, M. S. & Co., Sandy Run, Pa..
Kemerling, Orphews, Hawley, Ill.....
Kemp, Moses, Grantsville, Md.....
Kemp, S. E., Ironton, Ohio.....
Kemp, Y., Frostburg, Md.....
Kempf, John, Staunton, Ind.....
Kempin, Reinold, Kewanee, Ill.....
Kenbel & Mathias, Louisville, Ohio.....
Kendall, Daniel, New England, Pa.....
Kennedy, James, Ten Mile Bottom, Pa....
Kennedy, John, Waynesburg, Pa.....
Kennedy, S. S., McCleary, Pa.....
Kennon, Jas. E., Barnesville, Ohio.....
Kenny, P., Montreal, Que.....
Kenova Coal Co., Philadelphia, Pa.....
Kenoyer, Frank, Bertha Ville, Mo.....
Kensington Iron & Coal Co., Chattanooga, Tenn.....
Kent, S. L., New Philadelphia, Ohio.....
Kentucky Birdeye C. Co., Halsey, Ky.....
Kentucky Cannel Co., Grayson, Ky.....
Kentucky Coal Co., New York.....
Kentucky C. & C. Co., Coeburn, Va.....
Kentucky I. & C. Mfg. Co., Ashland, Ky..
Kentucky River C. Co., Carrollton, Ky..
Kentucky Union Land Co., Jackson, Ky ..
Kerr, Mrs. J. D., Middle Grove, Ill.....
Kerr, Jno. & Son, Rushville, Ill.....
Kessinger Co., Quitman, Mo.....
Kettle Creek C. Mg. Co., Williamsport, Pa.
Kewanee Coal Co., Kewanee, Ill.....
Keystone, Coal Co., Philadelphia, Pa.....
Keystone Coal Mg. Co., Lawsonham, Pa..
Keystone C. & C. Co., Keystone, W. Va..
Keystone Coal & Mg. Co., Angus, Iowa.....
Kibler, Geo., St. Bonifacius, Pa.....
Kickapoo Coal Co., Westville, Ill.....
Kidd Bros. Mg. & Mfg. Co., St. Clairsville, Ohio .....
Kidd, T. H., Island City, Ky.....
Kidder Coal Co., Wilkes-Barre, Pa.....
Kiezmiller, Wm., Waco, Ohio.....
Kilbourn, G. A., Philadelphia, Pa.....
Kilbourn, Jos. K., Philadelphia, Pa.....
Kilgore, R. C., Nickelsville, Va.....
Kimball, P. P., Raymilton, Pa.....
Kimbel, Frank, Zanesville, Ohio.....
Kimberley, E. S., Co., New Haven, Conn..
Kimbler, G. H., Galen, Ky.....
Kimbley, C., Centertown, Ky.....
Kimes, Oscar, Streator, Ill.....
Kimmel, Chauncey, Oakland, Md.....
Kimmel, C. W., Pine Hill, Pa.....
Kinamonth Bros., Rochester, Ky.....
Kincaid & Co., Sheldon, Mo.....
Kind Bros., Steele, Ohio.....
Kineor Coal Co., Cincinnati, Ohio.....
King, Ambrose, Victoria, Ill.....
King, Bock, Gorton Heights, Pa.....
King, B. F., Kittanning, Pa.....
King, Chas., Evensville, Tenn.....
King, J. W., Zanesville, Ohio.....
King, Moses, Colchester, Ill.....
King, Thos. H., Bradbury, Ohio.....
King, Woodward, J., Evarts, Ky.....
King, W. A., Ewing, Ill.....
King, W. A., Rockholds, Ky.....
King, W. P., Evarts, Ky.....
King, Wm. T., Lewisport, Ky.....
Kings Coal Co., Kings, Ohio.....
Kingston Coal Co., Kingston, Pa.....
Kingston Coal Co., Kingston, Mo.....
Kinney & Co., Swan, Iowa.....
Kinsey Bros., Bellaire, Ohio.....
Kinsinger, Levi, Grantsville, Md.....
Kinsley, Chas., Edwards, Ill.....
Kintsinger, D., Grantsville, Md.....
Kinzer & Schaeffer, Blacksburg, Va.....
Kinzle, T. & Co., Eccles, Mo.....
Kipling, Thos., Colchester, Ill.....
Kipling, Wm., Colchester, Ill.....
Kipps, M., Blacksburg, Va.....
Kirby, B., Kewanee, Ill.....
Kirk, H. H., Salineville, Ohio.....
Kirk, John, Salineville, Ohio.....
Kirk & Hoy, Minersville, Kan.....
Kirker, Sam'l, Tyrone, Ohio.....
Kirkland, Fisher & Marshall, Chewton, Pa.
Kirley, B., Kewanee, Ill.....
Kirnes, Sylvester, Streator, Ill.....
Kiser, Wm. & Co., McGlone, Ky.....
Kiss, L. E., Long's Shop, Va.....
Kist, Joe, Lexington, Mo.....
Kister, Wm., Griffin, Pa.....
Kite & Sons, Riverton, Ore.....
Kittanning Coal Co., Philadelphia, Pa.....
Kline, P. A., Pikeville, Ky.....
Kline & Sons, London Mills, Ill.....
Klingenfus Bros., Belleville, Ill.....
Kloes, Jno., Belleville, Ill.....
Knapp, Geo., Powellsville, Ohio.....
Kneider, Geo., Staunton, Ind.....
Kniffen C. C. & Mg. Co., Dallas, Tex.....
Knight, Chas., Plano, Iowa.....
Knight, J. A., Frazeysburg, Ohio.....
Knight, Peter, Wataga, Ill.....
Knob Coal Co., West Brownsville, Pa.....
Knox, Mary, Sparland, Ill.....
Knox, Wm., Madrid, Iowa.....
Knox, Wm. C., Ligonier, Pa.....
Knoxville Iron Co., Knoxville, Tenn.....
Knuckles, C. C., Slushers Mill, Ky.....
Knuckles, Farmer & Co., Knuckles, Ky..
Koehler, B., Pomeroy, Ohio.....
Koehler, John, Altamont, Tenn.....
Koehlinge Bros., Wheeling, W. Va.....
Koons Run C. & C. Co., Fairmont, W. Va.
Koontz & Stafford, Carthage, Mo.....
Krackenburger, Peter, Macksville, Ind....
Kraft, Chas., Frankfort Spgs., Pa.....
Kramer, Anthony, Canton, Ohio.....
Kramer, Chas. & Co., Edwards, Ill.....
Kramm, C. B., Edwards, Ill.....
Kramp, Peter, Peoria, Ill.....
Krants, Wm., Strasburg, Ohio.....
Krause, E. G., Massillon, Ohio.....
Krauser, J. L. & Co., Leeper, Pa.....
Krebs, John, Brighton, Ill.....
Kritzer, F. M., Mendon, Pa.....
Kritzer, S. M., Mendon, Pa.....
Kuhn, Adam, Dubois, Ill.....
Kuhn, Jacob, Georges Station, Pa.....
Kuhn & Schwind, Dubois, Ill.....
Kuker, Jos., Roscoe, Ohio.....
Kurtz, C. J. Shelbyville, Ill.....
Kurtz & Rinn, Walston, Pa.....
Kyle, James, Runnells, Iowa.....
Labrecque, I., Montreal, Que.....
Lacey, Boone, W. Liberty, Ky.....
Lacey, Wm., Cleveland, Ohio.....
Lacey, Wm., White Oak, Ky.....
Lackawanna Coal Co., Olyphant, Pa.....
Lackawanna I. & S. Co., Scranton, Pa....
Lacy, W. D., Waco, Tex.....
Lady Ensley C., I., & R.R. Co., B'ham, Ala.
Lafayette Coal Co., Lexington, Mo.....
Lafferty, B., Sylvania, Mo.....
La Follette C. & I. Co., New York.....
Laherty Bros., Morris, Ill.....
Lair, Wm., Monticello, Ky.....
Lake Erie Coal Co., Erie, Pa.....
Lake Erie Gas, Coal & Coke Co., Erie, Pa.
Lake Shore G. C. Co., Robbins Station, Pa.
Lake Superior Mg. & Inv. Co., Toledo, O.
Lake Sup. S. C. Coal Co., Boston, Mass.
Lake View Coal Co., Akron, Ohio.....
Lama, J. M., Nelsonville, Ohio.....
Lamb, Jas. M., Caseyville, Ky.....
Lamberg Bros., Marion Centre, Pa.....
Lambirth Coal Mg. Co., Hopewell, Pa....
Lambrish, Scott & Co., Portage, Pa.....
Lamers, R., Fulton, Mo.....
Lamons, S. A., Fayetteville, Ark.....
Lampman & Harris, Glouster, Ohio.....
Lancashire Coal Co., Philipsburg, Pa.....
Lancaster Blk. Coal Co., Clay City, Ind.
Lancaster Coal Co., Shamokin, Pa.....
Lander Coal Mg. Co., Lander, Wyo.....
Lander, R., Boonville, Ind.....
Landerbaugh, J. A., Lebrary, Pa.....
Landreau, John C., Brindletown, N. C.....
Landrum, Mark, Jackson, Ohio.....
Lane, A. J., Seville, Ill.....
Lane Coal Co., Centerville, Iowa.....
Lane, James, Garnet, W. Va.....
Lane, Russell, Garnet, W. Va.....
Lane, Wm., Kewanee, Ill.....
Lane & Humphreys, Lane's Mills, Pa.....
Langcliff Coal Co., Ltd., Scranton, Pa....
Langdon, G. W., Brimfield, Ill.....
Langdon, Henszey Mg. Co., Egypt, N. C...
Langdon, J. & Co., Buffalo, N. Y.....
Langdon, J. L. & Co., Philadelphia, Pa....
Langhead, T., New Comerstown, Ohio....
Langhead, W. W., Oliphant Furnace, Pa..
Lanham, B. C., Kenna, W. Va.....
Lanham, S., Haynesville, Ky.....
Lanier, Sterling S., Birmingham, Ala....
Laning, Harris & Co., Kansas City, Mo...
Lanning, B., Sparland, Ill.....
Lansley, T. E. Albany, N. Y.....
Lanson, T. J., Carterville, Ill.....
Lanyon, S. H., Minden Mines, Mo.....
Lape, C., Lamar, Mo.....
La Page, Chas., Choteau, Mont.....
La Plata Coal Co., Durango, Colo.....
Lappin F. & H., N. Industry, Ohio.....
Laredo Coal Co., Laredo, Tex.....
Larew, Geo., Keim, Pa.....
Large, R. B., Elizabeth, Pa.....
Larimer, W. H., Macksville, Ind.....
Larrison, John A., N. Salem, Ohio.....
Larson, Frank, Victoria, Ill.....
Larson, John, Chase, Ill.....
Larson, Peter, Burton City, Ohio.....
La Salle Co. Carbon Coal Co., La Salle, Ill.
Last Run Coal Co., Nelsonville, Ohio.....
Latimer, Meyers & Co., Pittsburg, Pa....
Latimore, C. D. & Co., West Newton, Pa.
Latrobe Coal Co., Latrobe, Pa.....
Laughlen, W. W., Libertyville, Iowa.....
Laughlin Coal Co., Martins' Ferry, Ohio..
Laughlin & Co., Broad Ford, Pa.....
Laughman, D. & Co., Lilly, Pa.....
Laughrey, Joseph, Vanderbilt, Pa.....
Laurel Coal Co., East Bernstadt, Ky.....
Laurel Coal Co., Pittsburg, Ky.....
Laurel Creek C. & C. Co., Pocahontas, Va.
Laurel Fork Coal Co., Philadelphia, Pa .
Laurel Veil Coal Co., Philipsburg, Pa....
Laurence, J. A. & Co., Minersville, Pa....
Laurum, R. S., Lyonia, Ky.....
Lavery Bros., Liberal, Mo.....
Lavery, John, Liberal, Mo.....
Law, Andrew, Jackson, Ohio.....
Law, John, Jackson, Ohio.....
Lawler, J. L., Minerton, Ohio.....
Lawrence, G. W., Carthage, Mo.....
Lawrence, R., Sylvania, Mo.....

COAL—Continued.

Lawrence & Brown, Frackville, Pa.....
Laws, John, Boston, Mass.....
Laws, J. M., Cuba, Ill.....
Lawson, D. & Co., Hawesville, Ky.....
Lawson, G. P., Lot, Ky.....
Lawson, James, Lot, Ky.....
Lawson Mg. Co., Maccoon, N. S.....
Lawton, Wm., Streator, Ill.....
Layne, B., Laynesville, Ky.....
Layne, Cres., Laynesville, Ky.....
Layne, J. L., Laynesville, Ky.....
Layne, J. N., Laynesville, Ky.....
Layne, T. M., Layesville, Ky.....
Layne, W. H., Laynesville, Ky.....
Leach, G. H. & Co., Elston, Mo.....
Leach, O. P., Augusta, Ill.....
Leader C. Mg. Co., Louisville, Colo.....
Leahy, Caron, Lilly, Pa.....
Leahy, Patrick, Lilly, Pa.....
Leaman & Gerber, Frackville, Pa.....
Leatherwood C. C. Co., Cambridge, Ohio..
Leavenworth Coal Co., Leavenworth, Kan.
Lebanon Coal & Mach. Assn., Lebanon, Ill.
LeDes Lac Coal Co., Burlington, N. D.....
Ledford, S. W., Conkling, Ky.....
Lee Coal Co., Coeburn, Va.....
Lee, H., Strickler, Ark.....
Lee, J. S., Danville, Ill.....
Lee-Newport Coal Co.,Newport, Pa.....
Lee, Thos., Roseville, Ill.....
Lee, Thos. & Son, Youngstown, Ill.....
Lee, Thos. J., Philipsburg, Pa.....
Lee & Ashburn, Philipsburg, Pa.....
Leechburg C. & C. Co., Leechburg, Pa..
Leedy, R. B., Back Bone, Ky.....
Leek, G., New Goshen, Ind.....
Leer, Thos., Coshocton, Ohio.....
Lees, Thos., Coal Valley, Ill.....
Leestner, M., Tell City, Ind.....
Leforce, Lee, Laso, Ky.....
Lehigh Coal Co., Philadelphia, Pa.....
Lehigh Coal Mg. Co., Lehigh, N. D.....
Lehigh Coal & Nav. Co., New York.....
Lehigh Valley Coal Co., Philadelphia, Pa.
Lehigh & W.-B. C. Co., Wilkes-Barre, Pa.
Lehner, Geo., Staunton, Ind.....
Leigh, H., Cedar City, Utah.....
Leighton Bros. & Sons, Syracuse, N. Y..
Leighton, Philip, Augusta, Mont.....
Leipper, Thos., Salem, Ohio.....
Lentz, Lilly & Co., Mauch Chunk, Pa.....
Leonard, A., Sylvania, Mo.....
Leonard, Louis, Truittsburg, Pa.....
Leonard, A. G. & Co., W. Brownsville, Pa.
Leonard & Craig, Brisbin, Pa.....
Leonard & Hendee, Kankakee, Ill.....
Lesher, J., Lewistown, Ohio.....
Leslie, T. J., Prestonsburg, Ky.....
Lester, C. N., Mineral, Ill.....
Lester, Harry, Isonville, Ky.....
Lester, Thos., Kewanee, Ill.....
Lever, A., Bordley, Ky.....
Levering, L., Wilsonia, W. Va.....
Le Warm, Wm. L., Dansville, Ill.....
Lewaster, W. L., Barnetts Creek, Ky....
Lewis, A. L., Creech, Ky.....
Lewis, Ben, Soperville, Ill.....
Lewis, C. W., Algonquin, Ohio.....
Lewis Coal Mg. Co., Leechburg, Pa.....
Lewis, Frank, Belt, Mont.....
Lewis, F. D., Lewisport, Ky.....
Lewis, H. C., Creech, Ky.....
Lewis, Henry, Hyden, Ky.....
Lewis, Jno., Ripley, Ill.....
Lewis, Jno. A., Danville, Ill.....
Lewis, J. E., Creech, Ky.....
Lewis, J. P., Hyden, Ky.....
Lewis, J. S., Earles, Ky.....
Lewis, Lewis, Arvonia, Kan.....
Lewis, Lewis, Colchester, Ill.....
Lewis, Robt., Tremaine, Iowa.....
Lewis, R. C. & Bros., Grayson, Ky.....
Lewis, R. J., Helton, Ky.....
Lewis, T. D., New Chapel, Ky.....
Lewis, T. F., Ripley, Ill.....
Lewis, T. R., Washingtonville, Ohio.....
Lewis, Wm., Knoxville, Iowa.....
Lewis, Wilson, Maggard, Ky.....
Lewis, W. H., Shaft, Pa.....
Lewis & Dodds, Knoxville, Ill.....
Lexington Coal Mg. Co., Lexington, Mo....
Lexington & Carter Co. Mg. Co., Lexington, Ky.....
Lezeart Bros., Evanston, Wyo.....
Libby, Orlando, Kewanee, Ill.....
Liberal Coal Co., Liberal, Mo.....
Lick Creek Coal Co., Chatham, Ill.....
Lick Creek Coal Co., Libertyville, Iowa..
Liddick, Jere, Montgomery Ferry, Pa.....
Liewrance, B., Youngstown, Ill.....
Ligonier Coal Co., Latrobe, Pa.....
Lilliman Bros., Cable, Ill.....
Lilly Coal Co., Altoona, Pa.....
Lilly Coal Co., Lilly, Ky.....
Lilly Mg. & Mfg. Co., Lilly, Ky.....
Lincoln C. Co., Lincoln, Ill.....
Lind, P. H., Canal Dover, Ohio.....
Linden Coal Co., Cleveland, Ohio.....
Linden, Pat, Canton, Ill.....
Lindenmath, M., Girard Manor, Pa.....
Linderman, G. B., S. Bethlehem, Pa.....
Linderman & Skeer, S. Bethlehem, Pa....
Lindsay, Chas. R., Philadelphia, Pa.....
Lindsay, John B., Middleport, Ohio.....
Lindsay, Thos., Caryville, Tenn.....
Lindsley, Fred, Thayer, Kan.....
Lindsley, J. P., Pomona, Kan.....
Linebarger, Geo. H., West Union, Ind....
Linika, Wm., Parkersburg, Ill.....
Linkom & Kipps, Rowald, Va.....
Linn, S. R., Nuzums, W. Va.....
Linne & Switzers, Troy, Ind.....
Lint, J., Wills Creek, Ohio.....
Lintner, Carl, Staunton, Ind.....
Linton C. & Mg. Co., Linton, Ind.....
Linton, S. B., Philadelphia, Pa.....
Lippert & Klein, Albany, N. Y.....
Lippiatt, Jos., Salem, Ohio.....
Liste Mg. & Mfg. Co., Listonburg, Pa....
Lister, Alfred, Newton, Iowa.....
Liston, Jesse, Listonburg, Pa.....
Litchfield Mg. & Mercantile Co., Litchfield, Ill.....
Litchfield Mg. & Power Co., Litchfield, Ill.
Litel, I. A., Hams Prairie, Mo.....
Litterell, E., Oil Springs, Ky.....
Little, Adam, N. Lima, Ohio.....
Little, A. B., Coalfield, Iowa.....
Little Beaver Ck. C. Co., New Lisbon, O.
Little, Dan'l & Son., N. Lima, Ohio.....
Little, David, Poland, Ohio.....
Little, Ed., Daysboro, Ky.....
Little, Ed. Mg. Co., Peoria, Ill.....
Little Fork Coal Co., Mt. Sterling, Ky....
Little Fork C. & L. Co., Lexington, Ky..
Little, Jno., Roseville, Ill.....
Little Muddy Coal Co., Percy, Ill.....
Little Pittsburg Coal Co., Lingo, Mo.....
Little Redstone Coal Co., Fayette City, Pa.
Little Sandy C. & S. Co., Grayson, Ky....
Little Schuylkill C. & Nav. Co., Phila., Pa.
Little, S. W., Evansville, Ind.....
Little Warrior Coal Co., Birmingham, Ala.
Little, Wm., William Penn, Pa.....
Litton Coal Co., E. Bernstadt, Ky.....
Littrell, H. B., Galen, Ky.....
Littrell, J. R., Rockcastle Springs, Ky....
Littzinger, G., Dysart, Pa.....
Livengood, A. S., Everson, Pa.....
Liverpool Salt & Coal Co., Hartford, W.Va.
Liveright, H. & Co., Philadelphia, Pa...
Livingston C. & C. Co., Helena, Mont....
Llewellyn & Son, Danville, Ill.....
Lloyd, Elisha, Danville, Ill.....
Lloyd, H. W., Sheffield, Ill.....
Lloyd, J. E., Danville, Ill.....
Lloyd & Son, Rentchler, Ill.....
Loar, S. G., Laynesville, Ky.....
Local Coal Co., Centerville, Idaho.....
Lock, T. M., Lock, Ky.....
Lockey, Jas., Dubuque, Iowa.....
Lockhardt, Robt., Shirland, Pa.....
Locust Gap Co., Philadelphia, Pa.....
Locust Mtn. Co., Philadelphia, Pa.....
Lodge, Wm., Lomax, Ala.....
Loding, J. H., Loding, Ill.....
Lodwick Bros., Mystic, Iowa.....
Lofton Coal Co., Shelburn, Ind.....
Log Mtn. C. C. & T. Co., Pineville, Ky....
Logan Cannel C. Co., Breeding, W. Va..
Logan Coal Co., Philadelphia, Pa.....
Logan C. & C. Co., Matewan, W. Va.....
Logan Co. C. & C. Co., Charlotteville, Va.
Logan Con. Coal Co., Matewan, W. Va....
Logan, James, Clate, Ky.....
Logansport Oil & Mg. Co., Logansport, Ind.
Lohr, Cyrus, Hooversville, Pa.....
Lombarger, Wm., Livingston, Iowa.....
Lone Hollow Mg. Co., Avery, Iowa.....
Lone Star Coal Co., Mystic, Iowa.....
Lone & Love, Unionville, Mo.....
Lonely, Ruben, Rousseau, Ky.....
Long Bros., Oskaloosa, Iowa.....
Long Bros., Tabor, Ohio.....
Long, B. L., Knottsville, Ky.....
Long Point Coal Co., E. Brady, Pa.....
Long Valley Coal Co., Towanda, Pa.....
Longanecker & Zimmerman, Franklin Square, Ohio.....
Longden, C. W., Brimfield, Ill.....
Longmeyer & Rutledge, St. Louis, Mo....
Longorer, W. G., Thurman, Ohio.....
Lonsdale, Wm., Edwards, Ill.....
Loomis Bros., Akron, Ohio.....
Loomis Coal Co., Bevier, Mo.....
Lopeman, Wm., Henry, Ill.....
Lord, Ed., Summerset, Iowa.....
Lorenz, Louis & Sons, Middleport, Pa....
Lorez & Co., Macksville, Ind.....
Los Angeles Coal Co., Gallup, N. M.....
Lost Creek Coal Co., Carbon Hill, Ala....
Lost Run Coal Co., Nelsonville, Ohio.....
Louch, Mrs. Jno., Peoria, Ill.....
Lough, Mrs. L., Dunkard, Pa.....
Louis, L., Pigeon Roost, Ky.....
Louisville Coal Mg. Co., Louisville, Colo..
Louisville C. & C. Co., Goodwill, W. Va..
Louisville & Nashville C. Co., Belleville, Ill.....
Love, Andrew, Carbonado, Iowa.....
Love, J. W., Worth, Pa.....
Lovely, Chas., Swampton, Ky.....
Low Point & Lurgan Mg. Co., Halifax, N. S.....
Lowe, Mrs. O. B. M., White Post, Ky.....
Lowell, A., Georgetown, Ill.....
Lower Vein C. & Ry Co., Boone, Ia.....
Lowery, Frank, Pekin, Ill.....
Lowes, John, Huntsville, Mo.....
Lowrey & Hoar, Colchester, Ill.....
Lowry, Geo., Columbia, Mo.....
Lowry, J. W., Arkadelphia, Ala.....
Loyalhanna C. & C. Co., Philadelphia, Pa.
Lucas Coal Co., Lucas, Iowa.....
Lucas, John, Manchester, Ky.....
Lucas, John T., Zanesville, Ohio.....
Lucas, J. C., Bronaugh, Mo.....
Lucas, M. H., Pedro, Mo.....
Lucas & Cleveland Co-op. C. Co., Lucas, Ia.
Lucas & Raine, Grape Creek, Ill.....
Lucky Bros., Exeter, Mo.....
Lucy Coal & Mg. Co., Dayton, Ohio.....
Ludford, Jacob, Stahl, Mo.....
Lueking, C. H., Fosterburg, Ill.....
Lukey, T. H., Canton, Ill.....
Lukins & Cavanaugh, Reading, Ill.....
Lukins & Haupt, Philadelphia, Pa.....
Lumagha, O., Collinsville, Ill.....
Lumsden Coal Co., Ottumwa, Iowa.....
Lumsden Coal Co., Oskaloosa, Ia.....
Lumsden & Bros., Summerset, Iowa.....
Lunceford, Chas., Dory, Ky.....
Lunden & Sholeen, Knoxville, Ill.....
Lunquest, G. F., Pawnee Station, Kan....
Lupton, G. A. & Co., Mt. Pleasant, Ohio..
Luther, G. W. & Son, Albany, N. Y.....
Luther & Tyler Co., Streator, Ill.....
Lutz, Fred, Zanesville, Ohio.....
Lycoming Mg. Co., Philadelphia, Pa.....
Lykens Valley C. Co., Philadelphia, Pa..
Lykens, Dudley Co., Caney, Ky.....
Lykens, Eli, Caney, Ky.....
Lykins, I. W., Caney, Ky.....
Lykins, Leborn, Caney, Ky.....
Lykins, Wm., Caney, Ky.....
Lyle, W. H., Kewanee, Ill.....
Lyman, B. S., Philadelphia, Pa.....
Lynah & Reed, Baltimore, Md.....
Lynch, Jas., Laddonia, Mo.....
Lynch, J. H., Albany, N. Y.....
Lynch, J. & Co., Mt. Clare, W. Va.....
Lynch, Owen, Laddonia, Mo.....
Lynchburg, C. & C. Co., Kyle, W. Va.....
Lynd, G. P., Albany, N. Y.....
Lynn Coal Co., Perryopolis, Pa.....
Lynn C. & C. Co., Shepard, W. Va.....
Lyon, Jesse, Stephens, Ky.....
Lyonton Coal & C. Co., Cass, Ind.....
Lysle Coal Co., Pittsburg, Pa.....
Lysle, G., & Sons, Pittsburg, Pa.....
Lytle Coal Co., Philadelphia, Pa.....
Lytle, Jas., Partridge, Ky.....
McAleer, G., Blue Mound, Mo.....
McAnally, John, Hymera, Ind.....
McArthur, Jno., Liverpool, Ill.....
McBirnie & Nelson, Boone, Iowa.....
McCaen, John, Elkhorn, Pa.....
McCahan, H. C., Kirksville, Mo.....
McCall, A., Epsom, Ind.....
McCallum, D., Island City, Ky.....
McCann, Jas., Frazeysburg, Ohio.....
McCann, M. V., Jeffersonville, Ind.....
McCartney, J. S., Mountaindale, Pa.....
McCarty, Jas. W., Hebbardsville, Ky....
McCarty, Pat., Milan, Ill.....
McCausland, C., Atwood, Pa.....
McChristin, James, Cat Creek, Ky.....
McClaskey, Jas., Killisnos, Alaska.....
McCleary & Pendergast, Seneca, Ill.....
McClintick, W. W., Summerfield, Ohio....
McCluey, Robt., Sylvania, Mo.....

McClure, W. H. & S., Lehigh, Iowa.....
McComb Bros. & Co., Rich Hill, Mo.....
McConnaughy, M., Bridgeport, Ohio.....
McConnell, S. J., Mt. Ephraim, Ohio.....
McConnell, W. W., Wheeling, W. Va.....
McCord, J. A., Alfordsville, Ind.....
McCord, T., Attalla, Ala.....
McCorkendale, John, Norborne, Mo.....
McCorkle, H., Woodland, Kas.....
McCormick, D. C., Salesville, Ohio.....
McCormick, E. P., Patton, Pa.....
McCormick, Jas., Grant City, Pa.....
McCormick, R., Chesterfield, Ill.....
McCowan, W. W., Martinsburg, Mo.....
McCoy, Geo., Long's Creek, Va.....
McCoy, J., White Post, Ky.....
McCoy, J. J., Pleasant, Ky.....
McCoy, Moses, Long's Shop, Va.....
McCoy, S. D., Pleasant, Ky.....
McCracken, J. H., Cortez, Colo.....
McCreary Coke Co., Graceton, Pa.....
McCreary & Moore, Leesville, Ohio.....
McCue, M. Estate, Pittsburg, Pa.....
McCue, T. E., Akron, Ohio.....
McCullough, Geo., Orchard Mines, Ill....
McCullough, Garry, Homerville, Ohio.....
McCullough, John, Wellston, Ohio.....
McCullough, R. G., Hanna City, Ill.....
McCullough, S. N. & W. G., Linton, Ohio..
McDairmid, I. D. & Co., Montreal, Que...
McDaniel, C., Gatewood, Ky.....
McDaniel, John, Knottsville, Ky.....
McDevitt & Moore, E. Liverpool, Ohio.....
McDonald Bros., Carbon Hill, Ala.....
McDonald Coal Co., Carbon Hill, Ala.....
McDonald Coal Co., Worden, Ill.....
McDonald, J. H., W. Austintown, Ohio....
McDonald, Michael, Peely, Pa.....
McDonald, Wm., Blair, Ill.....
McDowell, C. & C. Co., McDowell, W. Va..
McDowell, J., Grape Creek, Ill.....
McEnn & Fry, Westover's, Pa.....
McEwan, Wm., Albany, N. Y.....
McFadgen Coal Co., Latrobe, Pa.....
McFarland, Jas., Gimlet, Ky.....
McFetridge Bros., Hites, Pa.....
McGarey, E., Stanton, Pa.....
McGarvey, M. S., Northhope, Pa.....
McGee, C. I., Caldwell, Ohio.....
McGhee, Isaac, Chapman, Ohio.....
McGinnes, E., Raccoon Bend, Ky.....
McGinnes, H. H., Manitou, Ky.....
McGinnis, Harvey, Lamartine, Pa.....
McGinnis, J. C., Montgomery's Ferry, Pa..
McGinnis, T. D., Dahlgren, Ill.....
McGovern, James, Oneida, Ill.....
McGovern, O., Kalo, Iowa.....
McGovern, R. P., St. John, N. B.....
McGraham, R., Brookfield, N. S.....
McGregor, S. H., Neffs, Ohio.....
McGrew, J. C., Lexington, Mo.....
McGugin & Co., Olive Furnace, Ohio.....
McGuinn, C., Proctor, Ky.....
McGuire, A. B., Booneville, Ky.....
McGuire, Chas., Alsey, Ill.....
McGuire, Fletcher, Hazel Green, Ky.....
McGuire, G. P., Schraders, Va.....
McGuire, H., Winchester, Ill.....
McGuire, John, Cannonsburg, Ky.....
McGuire, J. G., Beattyville, Ky.....
McGuire, Sam'l, Martinsburg, Mo.....
McGuire, Saml., Pongo, Ky.....
McGuire, W. S., McKee, Ky.....
McHenry Coal Co., McHenry, Ky.....
McIntire, B. J., Havre, Mont.....
McIntosh, L., Crockettsville, Ky.....
McIntosh, Robt., Slater, Colo.....
McIntosh, Wm., Colchester, Ill.....
McIntosh & Co., Brazil, Ind.....
McIntyre, G., Six Mile Run, Pa.....
McIntyre, Jno., Industry, Ill.....
McIntyre & Mack, Malachite, Colo.....
McKee, N., Henry, Ill.....
McKein, James, Rosepoint, Pa.....
McKell C. & C. Co., Glenjean, W. Va.....
McKin & James, Jamestown, Iowa.....
McKinley Coal Co., Pittsburg, Pa.....
McKinley, John, Urichsville, Ohio.....
McKinney C. & C. Co., Zanesville, Ohio...
McKinney, F., Logansport, Ky.....
McKinney, M., Davenport, Ky.....
McKinney, O. F., Zanesville, Ohio.....
McKinney & Huggins, Zanesville, Ohio....
McKinney & Stanley, Island, Ky.....
McKissick Coal Co., Erie, Colo.....
McKitterick Bros., Jackson, Ohio.....
McKnight, Jas., Leonard, Ky.....
McKnight & Co., Birmingham, Ala.....
McKunn & Co., Madison, Ind.....
McLaughlin C. Co., Pittsburg, Pa.....
McLaughlin, J. P., Neoga, Ill.....
McLaughlin, P., Rochester, Pa.....
McLea, I. & R., Montreal, Que.....
McLean Co. C. Co., Bloomington, Ill.....
McMillan, P., Jenny Lind, Ark.....
McMillen, J. & T., Deersville, Ohio.....
McMurray, M., Petersburg, Ind.....
McNabb C. & C. Co., Kelley's Ferry, Tenn.
McNamara, P. G., Henderson, Ky.....
McNaught, Hy., Truro, Ill.....
McNeill, H. W. Co., Anthracite, N. W. Ty.
McNersh, H., Monroe, Iowa.....
McNulty, M., Zanesville, Ohio.....
McPeak, J. G., Foster, Mo.....
McPherson, S., Booneville, Ky.....
McQuaid, J. R., Camden, Ill.....
McQuinn, John, Hazel Green, Ky.....
Mabel Mg. Co., Warrior, Ala.....
Mace, J., Pekin, Ill.....
Mace, W. H., Foster, Mo.....
Macey, Henry, Kansas City, Mo.....
Macfarlane, G., Louisville, Ky.....
Macfarlane & Mordul, Louisville, Ky.....
Mac Farlane & Son, Long Valley, Pa....
Mack, A. & Bro., Coatsville, Mo.....
Mack & Bing, Carlton, Ohio.....
Macon Coal Co., Macon, Mo.....
Madden, Camp, Evarts, Ky.....
Madden, I. F., Eldora, Iowa.....
Madden, Jno. F., Kirksville, Mo.....
Madden, Sam'l, Hindman, Ky.....
Madden, Thos., Huntsville, Mo.....
Maddox, Wm., Freeburg, Ill.....
Maderia Coal Co., Elk, Ohio.....
Madison Coal Co., St. Louis, Mo.....
Madisonville C. Co., Madisonville, Ky....
Madison, Jas., Salineville, Ohio.....
Madison Gas C. Co., Greensburg, Pa.....
Magee Bros., St. John, N. B.....
Magee, D. A. & Bros., Sturgeon, Mo.....
Magee, Geo. J., Philipsburg, Pa.....
Mageoch, H. Y., Philadelphia, Pa.....
Maggard, D. M., Maggard, Ky.....
Maggard, J. F., Maggard, Ky.....
Maggard, J., Hyden, Ky.....
Maggard, Hy., Partridge, Ky.....
Maggs, C., Paris, Ohio.....
Magnesium C. Mg. Co., Cleveland, Ohio...
Mahaska Coal Co., Leighton, Iowa.....
Maher & Baumgardner, Six Mile Run, Pa..
Maher C. & C. Co., Blairsville, Pa.....
Main Jellico Mtn. C. Co. Kensee, Ky....
Majors, David, Majorsville, W. Va.....
Makin & James, Jamestown, Iowa.....
Malden, R. H., Barnesville, Ohio.....
Mallette, C. E., Victoria, B. C.....
Malley, Hy., North Alton, Ill.....
Malott Bros., Petersburg, Ind.....
Malone Bros., Pomeroy, Ohio.....
Malone, Peter & Son, Kewanee, Ill.....
Mammoth Vein C. Co., Philadelphia, Pa...
Manbeck Coal & Mg. Co., Des Moines, Ia..
Manchester Coal Co., Altamont, Ky.....
Mankedick, F. W., Oakdale Station, Pa...
Mann, B. F., Lamar, Mo.....
Mann, N. M., Greenville, Ky.....
Manners, Lee, Worthington, Ind.....
Manners, T. C., Clarksburg, Pa.....
Manor Big Vein C. Co., Baltimore, Md....
Manor Gas Coal Co., Claridge, Pa.....
Mansfield C. & C. Co., Carnegie, Pa.....
Mansfield, J. F., Cannelton, Pa.....
Man'f'rs. Fuel Supply Co., Anderson, Ind..
Maple Grove C. Co., Des Moines, Iowa....
Maple Grove C. Co., Raymilton, Pa.....
Maple Hill C. Co., Nelsonville, Ohio.....
Maples, Ed, Maplesville, Ky.....
Maplewood C. Mg. Co., Peoria, Ill.....
Marcellus, John S., Zanesville, Ohio.....
March, John M., Freeport, Ohio.....
March, P. & Son, New Lisbon, Ohio.....
Marcy, O. B., Forkston, Pa.....
Marietta Run C. & C. Co., New York.....
Marion City Coal Co., Otley, Iowa.....
Maritime Coal Co., Thacker, W. Va.....
Mark, John C., Osnaburg, Ohio.....
Markedick, T., Sturgeon, Pa.....
Markham, J. M., Pella, Iowa.....
Markle, G. B., Jeddo, Pa.....
Markley, Geo. J., Mineral Point, Ohio....
Marks, J. W., Augusta, Ill.....
Marks, Thos., Dixon, Ky.....
Marland, N. J., Milledgeville, Iowa.....
Marlow, H. H., E. Bernstadt, Ky.....
Marlow, J., Trisler, Ky.....
Marmaduke, H. H., Sweet Springs, Mo....
Marmet Coal Co., Raymond City, W. Va...
Marmet & Co., Pittsburg, Pa.....
Marquis, Addison, New Brighton, Pa.....
Marrie, Joseph, Pottstown, Ill.....
Marrs, R. T., Coal Run, Ky.....
Marsdox, Robt., Jerome, Iowa.....
Marseilles L. & W. P. Co., Marseilles, Ill..
Marshall Cons. C. Co., Denver, Colo.....
Marshall, Geo., Otley, Iowa.....
Marshall, John, Streator, Ill.....
Marshall, J., Swampton, Ky.....
Marshall, John & Son, Boonesboro, Iowa..
Marshall, Robt., Monroe, Iowa.....
Marshall, Robt., Yates City, Ill.....
Marshall, T. P. & Co., Kelley's Ferry, Tenn.....
Marshall, Wm., Backbone, Ky.....
Marshall, W. M., Conoquenessing, Pa.....
Marshall & Simpkins, Streator, Ill.....
Martin, A., Lackey, Ky.....
Martin Bros., Kewanee, Ill.....
Martin Coke Co., Fairchance, Pa.....
Martin, Daniel, Fredericktown, Pa.....
Martin, E., Winterpock, Va.....
Martin, J. A., Lamar, Mo.....
Martin, Geo., Booneville, Ky.....
Martin, G. W., Viola, Ill.....
Martin, H. M., Mapleton, Ohio.....
Martin, Jas., Coalville, Iowa.....
Martin, John B., Lackey, Ky.....
Martin, J. C., New York.....
Martin, J. C., Portage, Pa.....
Martin, Joe, Lackey, Ky.....
Martin, L. G., Garnet, W. Va.....
Martin, R. C., McDowell, Ky.....
Martin, R. L., Pittsburg, Pa.....
Martin, Sam'l, Versailles, Mo.....
Martin, Wm., Centerville, Iowa.....
Martin, W. J., Lackey, Ky.....
Martin & Tucker, Kewanee, Ill.....
Martin & Roan, New Straitsville, Ohio....
Martinez, Elfego, Taos, N. M.....
Martinsburg C. Co., Rich Hill, Mo.....
Martinsburg Mg. Co., Martinsburg, W. Va.
Marts, S. B. & Co., Baltimore, Md.....
Martua Coal Co., Scranton, Kas.....
Marvell, D., Fairview, Ill.....
Mary Lee C. & R. R. Co., Birmingham, Ala.....
Maryland Coal Co., New York.....
Maryland Union C. Co., Cumberland, Md..
Marysville Mg. Co., Maryville, Mo.....
Mascott Coal Mg. Co., Amoret, Mo.....
Mason Bros. Co., Canal Dover, Ohio.....
Mason, J. H., Trisler, Ky.....
Masoncup, J. H. & Co., Hanson, Ky.....
Mason, J. N., Dale, Ind.....
Mason, J. & Sons Co., Middleport, Ohio....
Mason, R. J., Carbondale, Ill.....
Mason, T. J., Mason, W. Va.....
Mason, Wm. D., Philadelphia, Pa.....
Mason, W. F., Riddle, Ky.....
Mast, P. P., Springfield, Ohio.....
Masters C. & C. Co., Winona, W. Va.....
Masterson & Keefe, Peoria, Ill.....
Massey, Jerry, Gregory, Ky.....
Massillon C. Mg. Co., N. Lawrence, Ohio..
Massillon City C. Co., Cleveland, Ohio....
Massillon Elm Run C. Co., Massillon, O....
Massillon Pigeon Run C. Co., Massillon, O.
Matheny, R. J., Enoch, Ohio.....
Mathias, G. W., New Philadelphia, Ohio...
Matison, Andrew, Chase, Ill.....
Matley, John, Confidence, Iowa.....
Matthews Coal Co., Mayview, Mo.....
Matthews, Henry, & Co., Philadelphia, Pa.
Matthews, Theo. R., Hubbard, Ohio.....
Matthews, W. S., Kinmundy, Ill.....
Matthiessen & Hegeler Zinc Co., La Salle, Ill.....
Mattingly, M. P., Orlando, Ky.....
Mattocks, Lincoln, Millersburg, Ohio.....
Matz, W. J., Pottsville, Pa.....
Mauck Bros., Danville, Ill.....
Mauchlar, F. T., Spaulding, Ill.....
Maule Coal Co., Belleville, Ill.....
Maurice, John, & Son, Brisbin, Pa.....
Maverick Co. Coal Co., Eagle Pass, Tex....
Mawk, Fred, Gimlet, Ky.....
Mawk, H. J., Gimlet, Ky.....
Maxey, Don, Bozeman, Mont.....
May, Aug., Coal Co., Scranton, Pa.....
May, B. C., Prestonburg, Ky.....
May, H. C., Falcon, Ky.....
May, Isaac, & Co., Centralia, Pa.....
May, Jack, Alphoretta, Ky.....
May, Jas., Lickburg, Ky.....
May, J. H., Tunnel Hill, Ill.....
May, L. F., Wyatt, W. Va.....
May, L. P., Prestonburg, Ky.....
May, Samuel, Prestonburg, Ky.....
May, T. R., Prestonburg, Ky.....
May & Carrington, Culbertson, Ohio.....
Mayburg, Hon. W. C., Detroit, Mich.....
Maycock, Samuel, Fulton, Mo.....
Mayfield, J. M., Line Creek, Ky.....
Maynard Bros., Columbus, Ohio.....

COAL—Continued.

Maynard, C., Colona Sta., Ill.....
Maynard, J. A., Zebulon, Ky.....
Maynard, John B., Cutler, Ill.....
Mays, J. C. & Co., Paintsville, Ky.....
Mays, Peter, Backbone, Ky.....
Mays, Richard, Carpenter, Ky.....
Mays, Wm., Carpenter, Ky.....
Mayview Coal Co., Mayview, Mo.....
Meadows, J. S., Dawson, Ky.....
Meadows, Louis, Edmond, W. Va.....
Meagher, J. D., Morris, Ill.....
Meagher, Martin, Connellsville, Pa.....
Meakin, John, Staunton, Ind.....
Means, Kyle & Co., Gervais, Ohio.....
Mecca C. & C. Co., Montgomery, W. Va..
Mecca Mining Co., Mecca, Ind.....
Medcalf, James, Magan, Ky.....
Meek, Green, Paintsville, Ky.....
Meek, Jas., Boone Camp, Ky.....
Meek, J., Glenora, Pa.....
Meek, N. M., Summerfield, Ohio.....
Meeker & Co., New York.....
Meehan, Owen, Stewartsville, Ohio.....
Meehan, P., Breeds, Ill.....
Meenan, M., Lyonsdale, Ohio.....
Mehaire, Alex., Ligonier, Pa.....
Mehard, Haber, Coal Co., Cleveland, Ohio.
Meigs, H. V. L. & Co., Philadelphia, Pa...
Meiley, M. B., Warrensburg, Mo.....
Meiser, B. F., Osnaburg, Ohio.....
Meister, A., Bridgeport, Ohio.....
Meiss & Schafer, Owensboro, Ky.....
Meldrum Bros., Montreal, Que.....
Melick, B. T., Fairview, Ill.....
Melins, H. E., Albany, N. Y.....
Melvin, Isaac, Zanesville, Ohio.....
Memphis C. & Mg. Co., Bevier, Ky.....
Menard Coal Co., Greenview, Ill.....
Mendota Coal & Mg. Co., Mendota, Mo...
Mentzer, B. W. & Co., Myra, Pa.....
Menzier, J., Bunkerhill, Kan.....
Mercer Coal & Iron Co., Stoneboro, Pa....
Mercer Mg. & Mfg. Co., Harrisville, Pa..
Mercer Mining Co., Pardoe, Pa.....
Merchants Coal Co., Baltimore, Md.....
Merchants Coal Co., Cincinnati, Iowa.....
Merchant & Winters, Fanslers, Iowa.....
Mercur Coal Co., Towanda, Pa.....
Meredith Bros., Augusta, Ill.....
Meredith, John F., Bee Spring, Ky.....
Meriden, Bertram, Evansville, Ind.....
Merl Will, Keim, Pa.....
Merrey, J., Beech Creek, Pa.....
Merrill, A. J., Western Port, Md.....
Mertz, Michael, Thayer, Kan.....
Messenbria Mg. & Timber Co., New York..
Metcalfe, John, Jonesburg, Ky.....
Mexican Nat. C. & Tim. Co., New York...
Meyer, Ed., Bethalto, Ill.....
Meyer, Francis, Mariah Hill, Ind.....
Meyer, H. H., Bluffs, Ill.....
Meyer, W. S., Monica, Ill.....
Meyers, Joseph, Hooversville, Pa.....
Meyers, L. A., Hooversville, Pa.....
Meyers, Tom, Raglesville, Ind.....
Michael & Edwards, Middleport, Ohio....
Michaelis, Louis, Belleville, Ill.....
Middlefork Coal Co., Oakwood, Ill.....
Middle Lehigh C. Co., New Boston, Pa....
Middleton, J. H., Evarts, Ky.....
Middleton, J. L., Salem, Ill.....
Middleton, W., New York .....
Midkiff, J. P., Magan, Ky.....
Midland Coal Co., Runnells, Iowa.....
Midland Coal & Mg. Co., Morgan Valley, Iowa .....
Midlothian Coal Co., Wilkes-Barre, Pa....
Midvale-Goshen Coal Co., Cleveland, Ohio.
Midvalley Coal Co., Wilburton, Pa.....
Midway Block Coal Co., Midway, Pa.....
Milan Land & Coal Mg. Co., Milan, Mo....
Milburn, Jos., & Sons, Thomas Hill, Mo...
Miles, Thos., & Co., Albany, N. Y.....
Milford Coal Co., Boone, Iowa.....
Millard, Jas. & Co., Wesley, Ill.....
Millard & Wolschlag, Peoria, Ill.....
Mill Creek Coal Co., Mauch Chunk, Pa..
Mill Creek C. & C. Co., Coopers, W. Va..
Millegan, Willard, Millegan, Mont.....
Miller, Andrew, Scottsford, Va.....
Miller, D. S., Aetnaville, Ky.....
Miller, E., Centertown, Ky.....
Miller, Geo., Barnesville, Ohio.....
Miller, Geo., Ruble, Pa.....
Miller, G. W., Coopersville, Ky.....
Miller, Graeff & Co., Pine Grove, Pa.....
Miller, Henry, Blake Mills, Ohio.....
Miller, Henry, Caryville, Tenn.....
Miller, Hiram, Hindman, Ky.....
Miller, I. C., Rawlins, Wyo.....
Miller, Mrs. J., Havre, Mont.....
Miller, Jas., Boston, Pa.....
Miller, Joe, Staunton, Ind.....
Miller, J. B., Waco, Ohio.....
Miller, Levi, & Co., Pine Grove, Pa.....
Miller, Louis, Neshannock, Pa.....
Miller, Martin, Roscoe, Ohio.....
Miller, Mrs. Mary, Mineral Springs, Md....
Miller, Michael, Osnaburg, Ohio.....
Miller, Phil, Staunton, Ind.....
Miller, R. A., Horse Branch, Ky.....
Miller, R. J., McCandless, Pa.....
Miller, Samuel, Huff, Ky.....
Miller, S. S., Grantsville, Md.....
Miller, Thos., Ironton, Ohio.....
Miller, Thos., Rochester, Ky.....
Miller, Wm., Lenzburg, Ill.....
Miller, Wm., Listonburg, Pa.....
Miller, W. P., Horse Branch, Ky.....
Miller, W. R., Briscoe, Iowa.....
Millers Run Coal Co., Pittsburg, Pa.....
Milliken, P. C., Galena, Kan.....
Millport Coal Co., Massillon, Ohio.....
Mills, Wm., Evensville, Tenn.....
Mills & Everett, Kalo, Iowa.....
Millsaps, Thos., Monticello, Ky.....
Millstadt C. & Mg. Co., Millstadt, Ill.....
Millwood Coal Co., Philadelphia, Pa.....
Millwood Coal & Coke Co., Millwood, Pa...
Milner C. & R. R. Co., New Castle, Ala...
Minerd Bros., Minden Mines, Mo.....
Milnes, John, Philadelphia, Pa.....
Milnesville Coal Co., Milnesville, Pa.....
Milton Coal Co., Wellston, Ohio.....
Minaker, Frederick, Avon, Ill.....
Mine Creek Coal Co., Pleasanton, Kan.....
Mineral Point Coal Co., Johnstown, Pa...
Mineral Ridge C. Co., W. Monterey, Pa..
Mineral R. R. & Mg. Co., Shamokin, Pa..
Min. Spring Co., Philadelphia, Pa.....
Minerd & Co., Pittsburg, Kan.....
Miners Coal Co., Braidwood, Ill.....
Minersville Coal Co., Minersville, Ohio.....
Minett, Chas., Canton, Ill.....
Miney, Solomon, Wesco, Pa.....
Mingo C. & C. Co., Middlesboro, Ky.....
Mingo Gas Coal Co., Pittsburg, Pa.....
Mingo Mt. C. & C. Co., Middlesboro, Ky..
Mings, Sarah, Burlingame, Kan.....
Mingus, Jas. B., Philadelphia, Pa.....
Minich, Henry, Canton, Ohio.....
Mink Bros., Kewanee, Ill.....
Mink, Wm., Pongo, Ky.....
Minney, John, Wesco, Pa.....
Minnich, C. P., Tuscarawas, Ohio.....
Minor & Co., Mapletown, Pa.....
Minser, Geo., Waynesburg, Ohio.....
Minter, Chas. H., Booneville, Ky.....
Minter, W. A., Booneville, Ky.....
Minton, R. D., Ready, Ky.....
Mise & Co., Orlando, Ky.....
Missouri River C. Mg. Co., Lexington, Mo.
Missouri Slope Coal Co., Sims, N. D.....
Missouri Valley Coal & Mg. Co., Boonville, Mo. .....
Missouri & Illinois C. Co., Belleville, Ill..
Missouri & Ill. C. Co., St. Louis, Mo.....
Mitchell, Andrew, Beaver, Ky.....
Mitchell, A., Old Bridgeport Mines, N. S..
Mitchell Coal Co., Denver, Colo.....
Mitchell Coal & Coke Co., Tyrone, Pa....
Mitchell, G. G., Cleopatra, Ky.....
Mitchell, H. B. & Co., Harrisburg, Pa.....
Mitchell, J., North Alton, Ill.....
Mitchell, Jos., Milo, Iowa.....
Mitchell, J. J. & Co., Myra, Pa.....
Mitchell, J. L. & Co., Tyrone, Pa.....
Mitchell, Samuel, Carbon Hill, Ohio.....
Mitchell, S. J., Coalport, Pa.....
Mitchell, Thos., & Sons, East Brady, Pa...
Mitchell, Wm., Co., Pine Hill, Ky.....
Mitchell, Wm. E., Huntsville, Mo.....
Mitchell, Winfield S., Jewett, N. Mex.....
Mitchell & Shepp, Tamaqua, Pa.....
Mizner, F. A., Erie, Pa.....
Moberley, Henry, Green Mount, Ky.....
Mobile Coal Co., Mobile, Ala.....
Mock, F., Utah, Pa.....
Mockin, John, Oakland, Md.....
Modine, Louis, Wataga, Ill.....
Moffat, A. W., Peoria, Ill.....
Moggs, C. S., Paris, Ohio.....
Mohn, Henry, Peoria, Ill.....
Mohn, Mrs. K., Peoria, Ill.....
Mohn, Wm., Peoria, Ill.....
Mole, J., Fountain, Kan.....
Molser, J. H., Pittston, Pa.....
Mollar & Brown Coal Co., Eaton, Colo....
Mollenkopf, Jonathan, Unity, Ohio.....
Moltzberger, G., Webster, Pa.....
Monarch Coal Co., East Brady, Pa.....
Monarch Coal Co., Madisonville, Ky.....
Monday, B. F., Clinton, Mo.....
Mondue, T. N., New York.....
Monero Coal Co., Monero, N. Mex.....
Monitor Coal Co., West Bay City, Mich..
Monong & L. E. Coal Co., Cleveland, Ohio.
Monongah C. & C. Co., Monongah, W. Va..
Monongahela & Peters Creek Gas & Coal Co., Coal Bluff, Pa.....
Monroe Coal & Pros. Co., Foster, Iowa.....
Monroe, Lyman, Peoria, Ill.....
Mons, John, Kylertown, Pa.....
Monsey, M., Ezel, Ky.....
Montague, Geo., Howenstine, Ohio.....
Montague, J. D., Laddonia, Mo.....
Montague Coal Mining Co., Ft. Worth, Tex.
Montana Coal & C. Co., Fairmont, W. Va.
Montana Coal & Coke Co., Horr, Mont....
Montevallo C. & Mg. Co., Montevallo, Ala..
Montevallo C. & Trans. Co., Aldrich, Ala..
Montezuma Mining Co., Abiquiu, N. Mex..
Montgomery, G. W., Ready, Ky.....
Montgomery, John L., Maulden, Ky.....
Montgomery, P., Knottsville, Ky.....
Montgomery, Samuel, Swampton, Ky.....
Montgomery & Sheets, Pittsburg, Kan....
Monitor Coal Co., Centerville, Iowa.....
Moody, F. P., Carrollton, Ohio.....
Moody, W. F. & Son, Philadelphia, Pa....
Moody, Jos., Henry, Ill.....
Moon, J. L. & Co., Chavies, Ky.....
Moon, Jos., Colchester, Ill.....
Moon Run Coal Co., Moon Run, Pa.....
Moore, Andrew, Busseyville, Ky.....
Moore, Daniel, Chavies, Ky.....
Moore, Elias, Eversole, Ky.....
Moore, H. H., Booneville, Ky.....
Moore, J., Crystal, Springs, Ohio.....
Moore, John, Deep Valley, W. Va.....
Moore, John, Moundville, Mo.....
Moore, J. P., Laurel Creek, Ky.....
Moore, J. R., Curwensville, Pa.....
Moore, P. B., Booneville, Ky.....
Moore, S. S., Charleston, W. Va.....
Moore, T. L., Adams, Ky.....
Moore, Wm., East Fairfield, Ohio.....
Moore, Wm., New Brighton, Pa.....
Moore, W. J., Blount, Ill.....
Moore, T. F. & Co., Montreal, Que.....
Moore & McCreary, Leesville, Ohio.....
Moorewood Coke Co., Mt. Pleasant, Pa....
Moosic Mtn. Coal Co., Marshwood, Pa....
Moran, Chas., Grape Creek, Ill.....
Moran, Mrs. K. J., Kingston, Ky.....
Morea Coal Co., Mahonoy City, Pa.....
Morehead, John, Creola, Ohio.....
Moreland, D. A., Jeddo, Ohio.....
Morgan, B. D. & Co., Berlin, Pa.....
Morgan Coal Co., Cannelton, Pa.....
Morgan, Chas., Oneida, Ill.....
Morgan, C. H., Minden Mines, Mo.....
Morgan, D. D., Thurman, Ohio.....
Morgan, Everett, Canton, W. Va.....
Morgan, Mrs. Emily, Burning Spgs., Ky..
Morgan, G. E., Vandercook, Ill.....
Morgan, H. B., Rivesville, W. Va.....
Morgan, John, Zanesville, Ohio.....
Morgan, J. H., Fredericksburg, Ohio.....
Morgan, Link, Laurel Creek, Ky.....
Morgan, L. L., Canton, W. Va.....
Morgan Run C. & Mg. Co., Coshocton, O...
Morgan, T. J., Excelsior, Pa.....
Morgan, W. D., Boonesboro, Iowa.....
Morgan & Garlan, What Cheer, Iowa.....
Morgan & McBane, Irondale, Ohio.....
Morgan, Moore & Baine Co., Cleveland, O.
Morreson, I. F., St. John, N. B.....
Morrisdale Coal Co., Philadelphia, Pa.....
Morrison Bros., Lexington, Mo.....
Morrison C. & Mg. Co., Clay City, Ind....
Morrison, J. M., Zanesville, Ohio.....
Morris, A. R., Blair, Ill.....
Morris Coal Co., Cleveland, Ohio.....
Morris, C. R. B., Frostburg, Pa.....
Morris, D. R., Philadelphia, Pa.....
Morris, Evan, Girard, Ohio.....
Morris, Geo., Middlesboro, Ill.....
Morris-Goss Mg. Co., Carbon Hill, Ala....
Morris, H. G., Philadelphia, Pa.....
Morris, J., Cortez, Colo.....
Morris, J. F., Exeter, Ill.....
Morris, J. M., Hopewell, Ohio.....
Morris, J. W., Brookfield, Mo.....
Morris, Mike, Denmark, Kan.....
Morris Mining Co., Birmingham, Ala.....
Morris Ridge Coal Co., Scranton, Pa.....
Morris Run Coal Co., Morris Run, Pa.....
Morris, Wm., Island City, Ky.....
Morris, Wm., Woodsfield, Ohio.....
Morris, W. W., Cortez, Colo.....

Morris, W. W., New Comerstown, Ohio.....
Morris & Bebb, Arvonia, Kan.....
Morris & Co., Girard, Ohio.....
Morris & McCarty, Magan, Ky.....
Morrow, J. A., Video, Pa.....
Morsenkoff, J., Fulton, Mo.....
Mortimer & Co., Karthaus, Pa.....
Morton Bros., Mapleton, Ill.....
Morton, L. C., Centertown, Ky.....
Morton, Moses, See, Ky.....
Morton, W. G., Albany, N. Y.....
Mosby, Alex., Tell City, Ind.....
Mosby, B. F., Leonard, Ky.....
Mosby, Ed., Milledgeville, Iowa.....
Moser, J. W., Reutchler, Ill.....
Moshannon Coal Co., Philadelphia, Pa....
Moshannon C'k C. Mg. Co., Houtzdale, Pa.
Mosley, Samuel, Jubilee, Ill.....
Moss Bros. & Rigby, Senecaville, Ohio....
Moss & Morson, Birmingham, Ala.....
Mosser, Dock, South, Ky.....
Mostoller, N. E., Pugh, Pa.....
Motley, Jno., Delhi, Ill.....
Motley, Thos., North Alton, Ill.....
Motsinger, Geo. F., Crab Orchard, Ill ....
Moull & Reed, Canal Dover, Ohio.....
Moulton, John, Monmouth, Ill.....
Moundsville C. Co., Moundsville, W. Va..
Mountain Valley C. & C. Co., Oakman, Ala.
Mt. Carbon Coal Co., Golden, Colo.....
Mt. Carbon Co., Ltd., Powellton, W. Va....
Mt. Clare Coal Co., Mt. Clare, W. Va.....
Mount Farm Coal Co., Philadelphia, Pa...
Mt. Hope Mining Co., Dingess, W. Va...
Mount Jessup Coal Co., Winton, Pa.....
Mt. Lincoln Coal Co., Palisades, Colo.....
Mount Lookout Coal Co., Scranton, Pa...
Mt. Morris Coal Co., Union Mines, W. Va..
Mt. Olive Coal Co., Mt. Olive, Ill.....
Mount Vernon Coal Co., Scranton, Pa.....
Mowbray & Lowes, Atkinson, Ill.....
Mowequa Coal Mg. & Mfg. Co., Mowequa, Ill. .....
Moxley, C. S., Trisler, Ky.....
Moyle, Jos., Avery, Iowa.....
Moyer, L. J. & Co., Grape Creek, Ill.....
Mud River Coal Co., Mud River, Ky.....
Muddy Valley Coal Co., Muddy Valley, Ill..
Muddy Valley Mg. & Mfg. Co., Murphysboro, Ill.....
Muhlenberg, C. C. & Co., Central City, Ky.
Muhlenberg Mining Co., Paradise, Ky.....
Muir, Jas., Clayton, Cal.....
Mulholland, Gus., Gallup, N. Mex.....
Mull, Daniel, Madison, Pa.....
Mullaly, Frank, Brimfield, Ill.....
Mullan Pass Coal Co., Blossburg, Mont....
Mullen, A. B., Carlwick, Ohio.....
Mullen, G. W., Whiteville, Ky.....
Mullins, B., Orlando, Ky.....
Mullins, Jas., Wooster, Ohio.....
Mullins, Robt., Sassafras, Ky.....
Munce, C. A., Streator, Ill.....
Muncie Coal Co., Muncie, Ill.....
Mundy, John, Hyden, Ky.....
Munhall Bros., Pittsburg, Pa.....
Munkers & Mathers, Buffalo, Wyo.....
Munson Coal Co., Philipsburg, Pa.....
Munts, L. A. & Son, Streator, Ill.....
Murley, Fitch & Harder, Montserrat, Mo...
Murley, Jos., Montserrat, Mo.....
Murphy, D., Truro, Ill.....
Murphy, Frank, Belleville, Ill.....
Murphy, Jas. W., East Fairfield, Ohio.....
Murphy, M., Alsey, Ill.....
Murphy Moses, Kittanning, Pa.....
Murphy, Philip, Galva, Ill.....
Murphy, Samuel, Houtzdale, Pa.....
Murphy & Mimph, Empire City, Kan.....
Murphysboro Big Muddy C. Co., Sato, Ill..
Murray, Carney & Brown, Dunmore, Pa...
Murray, Jas. H., Galva, Ill.....
Murray, Hugh, Nashville, Ill.....
Murray, John, Burning Springs, Ky.....
Murray, R., Lowmansville, Ky.....
Murrin, Jos., Murrinsville, Pa.....
Musgrave, J. H., Eldorado, Ill.....
Musgrove, John, Bellaire, Ohio.....
Musick, James, Bee Spring, Ky.....
Muskingum Valley Coal Co., Roseville, O..
Musquash Anthracite Coal Mining Co., St. John, N. B. .....
Mutual Coal Co., Greensburg, Pa.....
Mutual Coal Mining Co., Huntsville, Mo...
Mutual Mining Co., Cannelburg, Ind.....
Myers, A. B., Ligonier, Pa.....
Myers, Daniel, Cuzzart, W. Va.....
Myers, G. H. & Co., Bethlehem, Pa.....
Myers, Harvey, Leaman, Ill.....
Myers, Henry, Leaman, Ill.....
Myers, Herman, Osnaburg, Ohio.....

Myers, H. K., Tyrone, Pa.....
Myers, J., Colchester, Ill.....
Myers, L., Leaman, Ill.....
Myers, Mathew E., East Liverpool, Ohio...
Myers & Oughton, Jerome, Iowa.....
Myers, W. C., Ronald, Va.....
Myles, Thos., & Sons, Hamilton, Ont.....
Myrick, E., Staunton, Ind.....
Myrtle Coal & Mg. Co., Greenwood, Ariz...
Mystic Block Coal Co., Mystic, Iowa.....
Mystic Coal & Mining Co., Mystic, Iowa...
Mystic Fuel Co., Mystic, Iowa.....
Nall, C. L., Orlando, Ky.....
Nann, Chas., Shambaugh, Iowa.....
Napier, Ed. L., Chavies, Ky.....
Napier, N. J., Evarts, Ky.....
Napoleon Coal & Mg. Co., Napoleon, Mo...
Nappier, F., Slusher's Mill, Ky.....
Nash, N. H., Walnut City, Iowa.....
Nathan, Jacob, Frazeysburg, Ohio.....
National Coal Co., Baltimore, Md.....
National Coal Co., Centerville, Iowa.....
National Coal Co., Hackett, Ark.....
National Coal Co., Ltd., Pittsburg, Pa.....
National Coal Mining Co., Portland, Ore..
National Coal & Mg. Co., Dallas, Tex.....
National Iron Works, San Francisco, Cal..
Natural B'dge C. Co., Natural Bridge, Ala.
Navy Coal Co., Palmer, Wash.....
Neal, Hiram, Knuckles, Ky.....
Neely, L., Buck Creek, Ky.....
Neff, Geo., Neffs, Ohio.....
Negley, Geo., Hebbardsville, Ky.....
Neiheisel, Mrs. E., Leetonia, Ohio.....
Neil, Wm., Co., Bunker Hill, Ill.....
Neil, Jerry C., Ripley, Ill.....
Neil & Walter, Albany, N. Y.....
Neiser, Robt., Homesville, Ohio.....
Nelson, John R., Tuscarora, Pa.....
Nelson, Andrew, Sparland, Ill.....
Nelson, Ben., Colchester, Ill.....
Nelson, D. G., Slaughterville, Ky.....
Nelson, Jno. F., Morris, Ill.....
Nelson, G. W., Quitman, Mo.....
Nelson & Anderson, Knoxville, Ill.....
Nelson & Jansen, Chandlerville, Ill.....
Nelson & Westerhund, Streator, Ill.....
Nelsonville C. & C. Co., Nelsonville, Ohio.
Nelsonville Sewer Pipe Co., Nelsonville, O.
Nescopeck Coal Co., Nescopeck, Pa.....
Nesselhouse, M., Orchard Mines, Ill.....
Neville, G. W., Dickey's Mills, Ky.....
Neville & Co., Mahonoy City, Pa.....
Nevin & Aldin, Boston, Mass.....
Nevitt & Kennedy, Canton, Ill.....
New Boston Coal Co., New Boston, Pa....
New Brunswick C. Co., Fredericton, N. B..
New Brunswick & Nova Scotia Land Co., Fredericton, N. B. .....
New Bruns. Ry. Co., Fredericton, N. B...
New Castle Mg. & Imp. Co., Beatrice, Wyo.
New Central Coal Co. of Md., New York...
New Coal Mining Co., Jackson, Mich....
New Coaldale Coal Co., New York.....
New Coaldale Coal Co., Philipsburg, Pa..
New Crescent Mining Co., Roseville, Ohio.
New Daisy C. Co., Chattanooga, Tenn.....
New England Coal & Coke Co., Fairmont, W. Va. .....
New Extension Coal Co., Nanaimo, B. C..
New Haven C. Mg. Co., Newhaven, W. Va.
New Holland Coal Co., Owensboro, Ky....
New Kanawha Coal & Mining Co., Chicago, Ill. .....
New Ky. Coal Co., Chicago, Ill.....
New Ky. Coal & Mg. Co., Clinton, Ind....
New Kinmundy C. Co., Kinmundy, Ill....
New Lisbon Mining Co., Coleman, Ohio...
New Petersburg Coal & Coke Co., Alum Cave, Ind. .....
New Pittsburg Coal Co., Columbus, Ohio..
New River C. & C. Co., Caperton, W. Va..
New Soddy Coal Co., Chattanooga, Tenn..
New Vancouver Coal Mining & Land Co., Ltd., Nanaimo, B. C.....
New York Gas Coal Co., Cumnock, N. C.
New Y. & Cleveland C. Co., Braddock, Pa..
New York & Cleveland Gas Coal Co., Pittsburg, Pa. .....
New York & Middle Coalfield Railway & Coal Co., Philadelphia, Pa. .....
New York & New Orleans Coal Co., Chattanooga, Tenn. .....
New York & Ohio Coal Co., Cleveland, O..
New York & Ohio I. & S. Co., Ironton, O..
New York & Perry Coal Co., Shawnee, O.
New York & Philadelphia Coal & Coke Co., New York .....
New York & Scranton C. Co., Scranton, Pa.
New York & Virginia Mineral & Mining Co., New York.....

New York & West Virginia Coal & Iron Co., New York.....
Newburg Orrell C.&C. Co., Baltimore, Md.
Newcomb, Wm., Bordley, Ky.....
Newcomer, N., Glendive, Mont.....
Newell, Porter, McGlone, Ky.....
Newlan, Benj., McArthur, Ohio.....
Newland, A., Tennessee, Ill.....
Newman, J. G., Canal Dover, Ohio.....
Newmeyer, J. & Sons, Dawson, Pa.....
Newport Coal Co., Wilkes-Barre, Pa.....
Newport, Jas., Jackson, Ohio.....
Newsam Bros., Peoria, Ill.....
Newsam, Frank, Mapleton, Ill.....
Newton, Aaron, Toulon, Ill.....
Newton Coal Co., Newton, Iowa.....
Newton Coal Mg. Co., Pittston, Pa.....
Newton, G. B. & Co., New York.....
Newton, Henry, Toulon, Ill.....
Newton, John, Rousseau, Ky.....
Newton, Wm., Toulon, Ill.....
Newton, Philip, & Sons, Hazeldell, Pa...
Neylan, M., Shrewsbury, W. Va.....
Niantic Coal Co., Niantic, Ill.....
Nicely, N., Pongo, Ky.....
Nicely, N. F., Livia, Ky.....
Nicholas Bros., Quitman, Mo.....
Nicholas, E., Mineral Ridge, Ohio.....
Nicholls, J., Princeton, Ill.....
Nicholson, A. W., Cambridge, Ohio.....
Nicholson, N. W., Fairview, Ill.....
Nicholson, W. & Son, Cuba, Ill.....
Nicholson & Co., Duquoin, Ill.....
Nickel Plate Coal Co., East Bernstadt, Ky.
Nickell, Amos, Hazel Green, Ky.....
Nickerbough, H., Sandford, Ind.....
Nickle Plate C. & Mg. Co., Brazil, Ind.....
Nicolls, W. I. & Co., Philadelphia, Pa....
Nielson, L. P., Denmark, Kan.....
Nilwood Carbon Coal Co., Nilwood, Ill....
Nisbett, J. M., Clay, Ky.....
Noble Coal Co., Cartwright, Pa.....
Noble, H., Victoria, B. C.....
Noble, H. S., Campton, Ky.....
Noble, H. T., North, Mo.....
Nolen, C. F. C., Creech, Ky.....
Nordick, V. F., New Berlin, Ohio.....
Nordstrom, F. A., Moingona, Iowa.....
Norfolk C. & C. Co., Maybeury, W. Va....
Norman, H., Otsego, Ohio.....
Norris, Mrs. E. & Co., Danford, Ohio.....
Norris, James, Bloomington, Pa.....
North Am. Coal Co., Philadelphia, Pa....
North Bend C. & C. Works, North Bend, Ohio .....
North Dak. C. & Power Co., Sims, N. D...
North Fork Coal Co., Danville, Ill.....
North Gabriola C. Co., Nanaimo, B. C....
North Hill Coal Co., Centerville, Iowa....
North Jellico Coal Co., Gray, Ky.....
North Kansas City Coal & Mining Co., Kansas City, Mo.....
North Leavenworth Coal Co., Leavenworth, Wash. .....
North Pac. Mg. & Trans. Co., San F., Cal.
North Saanich C. Co., Ltd., Victoria, B. C..
North Star Coal Co., Corley, Iowa.....
Northcote, Thos., Millbrook, Pa.....
Northern Coal Co., Glenroy, Ohio.....
Northern Fuel Co., Chicago, Ill.....
Northern Ill. Coal Co., Rutland, Ill.....
Northern Mg. & Ry. Co., Hampton, Ill...
Northern Pac. Coal Co., Tacoma, Wash..
Northeut, S. H., Altamont, Wis.....
Northrup, Jno., Sonora, Ill.....
Northwest Coal Co., Carbondale, Pa.....
North West Land Co., Moosejaw, N. W. T.
North-Western Coal & Trans. Co., Portland, Ore. .....
Northwestern Coal Co., Sims, N. D.....
Northwestern Coal Mg. Co., Denver, Colo..
Northwestern C. & I. Co., Buffalo, N. Y..
Northwestern C. & Power Co., Sims, N. D.
Northwestern Mining Co., Crenshaw, Pa..
Northwestern Mining & Exch. Co., Ridgway, Pa. .....
Norton, A. J. & Co., Mount Vernon, Ky....
Norton, Chas. D. & Co., Philadelphia, Pa..
Norton Coal Co., Scammon, Kan.....
Norton Cr'k C. & Mg. Co., Benjamin, Ind..
Norton Iron Works, Kilgore, Ky.....
Norton, J., Pongo, Ky.....
Norton, Wm., Andrews, Ky.....
Norvell, Wm., Arrow Rock, Mo.....
Nouser, S. G., Seymour, Iowa.....
Nova Scotia C. Mg. Co., Truro, N. S....
Novinger, J. B., Stahl, Mo.....
Now, Adam, Whipple, Ohio.....
Nugent, R. J., Nogal, N. Mex.....
Numa Coal Co., Numa, Iowa.....
Nungesser, C. J., Beidler, Ohio.....

COAL—Continued.

Nuttall C. & C. Co., Nuttallburg, W. Va..
Nuttall, John & Co., Philipsburg, Pa....
Nuttallburg Coal & Coke Co., Nuttallburg, W. Va.....
O'Brien, I. & Co., Montreal, Que.....
O'Brien, Wm., Carbon Center, Mo.....
O'Bryan, J. P., West Louisville, Ky.....
O'Bryan, T., Pancoast, Pa.....
O'Connor, T., Staunton, Ind.....
O'Keefe & Co., Coalville, Iowa.....
O'Leary C. Mines, Newcastle C'k, N. B..
O'Malley, Andrew, Lexington, Mo.....
O'Neil & Tague, McLuney, Ohio.....
O'Neill & Co., Pittsburg, Pa.....
O'Neill & Peterson, Pittsburg, Pa.....
O'Shanter Coal Co., O'Shanter, Pa.....
Oak Hill Coal Co., Belleville, Ill.....
Oak Hill Fire B. & C. Co., Oak Hill, Ohio.
Oak Mg. Co., Redbank Furnace, Pa.....
Oak Park Coal Mg. Co., Des Moines, Iowa.
Oak Ridge Coal Co., Pittsburg, Pa.....
Oak Ridge Mining Co., Buffalo, N. Y....
Oakdale C. & Lime Co., Fairfield, W. Va..
Oakdale Coal & Mg. Co., St. Joseph, Mo..
Oakland Coal Co., Belleville, Ill.....
Oakland City C. Co., Oakland City, Ind..
Oakland Coal & Coke Co., Baltimore, Md..
Oakland Coke & Coal Co., Corinth, W. Va.
Oakley & Marion Coal Mining Co., Oakley, Wash.....
Oceal Coal Co., Philadelphia, Pa.....
Odbert, H. S., Cleveland, Ohio.....
Odin Coal Co., Odin, Ill.....
Offett, S., Madisonville, Ky.....
Ogden, Wm. & Bro., Rentchler, Ill.....
Oglesby Coal Co., Oglesby, Ill.....
Ohio Cement Co., New Lisbon, Ohio.....
Ohio Coal Co., Cambridge, Ohio.....
Ohio Coal Co., Cleveland, Ohio.....
Ohio Coal Co., Jackson, Ohio.....
Ohio Land & Coal Co., New Lisbon, Ohio..
Ohio Lumber & Mg. Co., Genoa, W. Va....
Ohio Mg. & Mfg. Co., New York.....
Ohio Sewer Pipe Co., Pittsburg, Pa.....
Ohio Tenn. C. & L. Co., Cleveland, Ohio..
Ohio Valley Coal & Mg. Co., Epsom, Ind..
Ohio Valley C. & Mg. Co., Sturgis, Ky.....
Ohio & Big Sandy Coal Co., New York.....
Ohio & Pa. Coal Co., Cleveland, Ohio.....
Ohio & Pittsburg C. Mg. Co., Cleveland, O.
Ohio & West. C. & I. Co., Glen Ebon, Ohio.
Ohio & W. Va. C. Co., St. Clairsville, Ohio.
O. K. Coal Co., Bussey, Iowa.....
O. K. Coal Co., Marissa, Ill.....
Okawville W. S. Coal Co., Okawville, Ill..
Old Dominion Mining Co., Richmond, Va..
Old Forge Coal Co., Pittston, Pa.....
Old Pittsburg Coal Co., Harrison, Ind.....
Oldfield, Boon., Mize, Ky.....
Oldfield, J., Mize, Ky.....
Oldham, Wm., Stephens Store, Mo.....
Oldman, Henry, Centralia, Mo.....
Olive, O. W., Delta, Iowa.....
Oliver Coal Co., Oliver Springs, Tenn.....
Oliver, C. Y., Isonville, Ky.....
Oliver C. & Fur. Co., Pittsburg, Pa.....
Olmstead, A., Catlin, Ill.....
Omaha Coal & Coke Co., Omaha, Neb.....
Oman, Alex., Coalton, Ohio.....
Ong, Harlem, Wintersville, Ohio.....
Onita Coal Mining Co., Fort Scott, Kan..
Ontario Coal Co., Toronto, Ont.....
Ope, Geo., Kankakee, Ill.....
Opekiska C. & C. Co., Opekiska, W. Va...
Oppenheimer Brick & Tile Co., San Antonio, Tex.....
Opperman & McGrew, Shawnee, Ohio.....
Orangeville Coal Co., Coshocton, Ohio.....
Orcutt, C. B., New York.....
Oregon Coal & Navigation Co., San F., Cal.
Orman & Co., Dawson, Iowa.....
Orr Bros., Mystic, Iowa.....
Orr, Jas. C., Philo, Ohio.....
Orr, Robt., Bushnell, Ill.....
Orrell Coal Co., Tyrconnell Mines, W. Va..
Osage Carbon Co., Osage City, Kan.....
Osage Coal & Mining Co., St. Louis, Mo....
Osborn, C. L., Blaine, Ky.....
Osborn, L., Wallins Creek, Ky.....
Osborn, R., Alphoretta, Ky.....
Osborn, Robt., Hardin, Mo.....
Osborn, Thos., Alphoretta, Ky.....
Osborne Coal Co., Cleveland, Ohio.....
Osborne, Seager & Co., Venetia, Pa.....
Osceola Coal Co., Emblem, Pa.....
Oskaloosa Coal & Mg. Co., Chicago, Ill....
Osley, S. W., Bush, Ky.....
Osnaburg Mining Co., Cleveland, Ohio.....
Ossenton, Jas., Grayson, Ky.....
Otley Coal & Mining Co., Otley, Iowa.....
Otter Creek Coal Co., Brazil, Ind.....
Ottowell, Phil, Clover Bar, N. W. T.....
Ouxier, H. J., East Point, Ky.....
Overholt, A. C. & Co., West Overton, Pa..
Overholt, J. W. & Co., Scottdale, Pa.....
Overman, L. E., Virden, Ill.....
Owen, B. L., Clinton, Mo.....
Owen Coal Co., Vista, Mo.....
Owen, J. & Co., Springfield, Mo.....
Owen, Wm., Bethalto, Ill.....
Owens, Isaiah, Powhatan Point, Ohio.....
Owens, James, Gypsy, Ky.....
Owens, J. L., Mining Co., Alliance, Ohio..
Ozark Mining Co., Chicago, Ill.....
Pace, Calvin, Evarts, Ky.....
Pacific Coal Co., Pittsburg, Pa.....
Pac. Improvement Co., San Francisco, Cal.
Pacific Investment Co., San Francisco, Cal.
Pack, Marion, Boone Camp, Ky.....
Pack, Sherman, Sip, Ky.....
Packard, W. B., Jerico, Mo.....
Padfield & Hopkins, Lafayette, Colo.....
Paint Rock Coal Co., Almy, Tenn.....
Painter, J. W., Coal Co., Buena Vista, Pa..
Paintsville Mining Co., Paintsville, Ky...
Palm, F. B., Reading, Pa.....
Palmberg, A., Bunceton, Mo.....
Palmer, Wm., Gloucester, Ohio.....
Palmyra Coal Co., Youngstown, Ohio ...
Pan Handle Coal Co., Essen, Pa.....
Pana Coal Mining Co., Pana, Ill.....
Panel Bros., Coalville, Iowa.....
Pancoast Coal Co., Scranton, Pa.....
Panora Coal Co., Panora, Iowa.....
Pansler, John B., Zanesville, Ohio.....
Paonia Coal Co., Paonia, Colo.....
Paradise Coal Co., Kenmore, N. D.....
Pardee, A. & Co., Philadelphia, Pa.....
Pardee Bros. & Co., Lattimer Mines, Pa..
Pardee, C. & Co., Lattimer Mines, Pa.....
Pardee Sons & Co., Lattimer Mines, Pa...
Paris Coal Co., Parke's Lake, Ky.....
Parish, Nathan, Pleasant View, Ill.....
Park Coal & Coke Co., Horr, Mont.....
Park, John, Dunksburg, Mo.....
Park & Hillier, Coal Valley, Ill.....
Parke Coal Co., Adel, Ind.....
Parke County Coal Co., Rosedale, Ind.....
Parker, B., Livingston, Iowa.....
Parker Coal Co., Cullman, Ala.....
Parker, Frank, Staunton, Ind.....
Parker, Thos., & Bro., Minersville, Ohio..
Parker, Sheldon, Salem, Ohio.....
Parker, Wm., Milan, Ill.....
Parker, W. K., Comfort, W. Va.....
Parker & Morris, Millersburg, Ill.....
Parkin, Wm., Sweet Water, Ill.....
Parl, Sylvester, Danville, Ill.....
Parr, Samuel, Fairview, Ill.....
Parrish Coal Co., Plymouth, Pa.....
Parry, Mrs. J. C., Lamar, Mo.....
Parsely, M., Warfield, Ky.....
Parsons, H., Barnesville, Ohio.....
Parsons, W. E., Lurd, W. Va.....
Parsons, W. S., Elmira, W. Va.....
Parton, A. J., Hager, Ky.....
Passmore, Burns & Co., Glen Campbell, Pa.
Patcher, J. H., McArthur, Ohio.....
Patenande & Co., Montreal, Que.....
Patrick, C. M., Denver, Ky.....
Patrick, E., Swampton, Ky.....
Patrick, F. M., Swampton, Ky.....
Patrick, Herod, Caney, Ky.....
Patrick, John, Caney, Ky.....
Patrick, J. M., Hendricks, Ky.....
Patrick, L. C., Denver, Ky.....
Patrick, Marion, Whittakerville, Ky.....
Patrick, R. S., Owensboro, Ky.....
Patterson, Frank, Buena Vista, Pa.....
Patterson, G., Russell, Ky.....
Patterson, J. C., Blossburg, Ala.....
Patterson, Jas., St. David, Ill.....
Patterson Mining Co., Philadelphia, Pa....
Patterson, M. L. & Co., Mt. Clare, W. Va..
Patterson-Reisinger Coal & Coke Co., Beechwood, W. Va.....
Patterson, S., Bush, Ky.....
Patterson, Wm., Leighton, Iowa.....
Patterson & Sauters, McDonald, Pa.....
Pattison, G. E., Bloomington, Md.....
Patton, B. F., South Pittsburg, Tenn.....
Patton Coal Co., Patton, Pa.....
Patton, James T., Canal Dover, Ohio.....
Patton, M., Majorsville, W. Va.....
Paul, D. W. & D. C., Lone Pine, Pa.....
Paul, John, Massillon, Ohio.....
Paulin, Solomon, North Lima, Ohio.....
Pawnee Coal Co., Chicago, Ill.....
Paxson Bros., Martins' Ferry, Ohio.....
Payne, H., Danleyton, Ky.....
Payne, R. M., South Pittsburg, Tenn.....
Payne, Wm., Sams Valley, Ore.....
Payne, W. G. & Co., Kingston, Pa.....
Payton, Frank, Grassy Creek, Ky.....
Peabody Coal Co., Peabody, W. Va.....
Peach Orchard C. Co., Cincinnati, Ohio...
Peacock Coal Co., Pittsburg, Ky.....
Peacock, John, Moingona, Iowa.....
Peacock & Wilcox, Lima, Ohio.....
Peak Creek Coal & Iron Mining Co., Pulaski City, Va.....
Pearce & Kennedy, Reynard, Mo.....
Pearl Coal & Mining Co., Mendota, Mo...
Pearl Mining Co., Dingress, W. Va.....
Pearsall, Sam., West Brownsville, Pa.....
Pearson Bros., Quitman, Mo.....
Pearson C., I. & R. R. Co., Warrior, Ala..
Pearson, John, Colchester, Ill.....
Pearson & Alexander, Williamsburg, Kan.
Peck, Bartley, Ward City, Ky.....
Peerless Coal Co., Centerville, Iowa.....
Peerless Coal Co., Cincinnati, Ohio.....
Peerless Coal & Coke Co., New York.....
Peerless C. & C. Co., Vivian, W. Va.....
Peerman, Wm., Fort Scott, Kan.....
Pelkey, Israel, Bellaire, Ohio.....
Pell, J. C., Lewisport, Ky.....
Pellet, G. W., Fort Scott, Kan.....
Pelphney, F., Relief, Ky.....
Pelprey, D. & Son, Paintsville, Ky.....
Pemble, Jas. H., Brimfield, Ill.....
Pendley, Jas., Davenport, Ky.....
Penn. Anthracite C. Co., Philadelphia, Pa..
Pennsylvania Coal Co., Ashgrove, Mo.....
Pennsylvania Coal Co., New York.....
Penn. Gas Coal Co., Philadelphia, Pa.....
Pennsylvania I. & C. Co., Canal Dover, O..
Penn. Mfg., Mg. & Sup. Co., Toronto, Ohio.
Pennington, A. J., Webbville, Ky.....
Pennington Gap Coal Co., Jonesville, Va..
Pennington, J. D., Harlan, Ky.....
Pennington, J. K., Back Bone, Ky.....
Pennington, N. E., Rosedale, Ky.....
Pennington, T., Helton, Ky.....
Pennsville Coke Co., Pennsville, Pa.....
Penny, Aaron, Green Garden, Pa.....
Pentong, Thomas, Gladesdale, W. Va.....
Penwell Coal Mining Co., Pana, Ill.....
Peoples Coal Co., Denver, Colo.....
Peoples, Robt., Ligonier, Pa.....
Peoria Coal Mining Co., Peoria, Ill.....
Percy, Jas. R., Cumberland, Md.....
Percy Mining Co., Percy, Pa.....
Perham, Crook, New York.....
Perine, G., Arlington, W. Va.....
Perkins, John, Liberal, Mo.....
Perkins, J. W., Rockholds, Ky.....
Perks, B. G., Clearfield, Pa.....
Perry Coal Co., Perry, Ill.....
Perry Co. Coal Mining Co., Duquoin, Ill..
Perry, Cyrus, Mize, Ky.....
Perry, E. B., Elk Fork, Ky.....
Perry, G. W., Boones Camp, Ky.....
Perry, J. H., Coco, W. Va.....
Perry, J. W., Decota, W. Va.....
Perry, T. N., Rothwell, Ky.....
Perry, W. H., Milford, Mo.....
Perry, Wolf & Co., Hubbard, Ohio.....
Peter, E. A., Millersburgh, Ohio.....
Peters, Jas., Isonville, Ky.....
Peters, John J., Coalgrove, Ohio.....
Peters, J. R., Georgetown, Pa.....
Petersburg Co-Op. C. Co., Petersburg, Ill..
Peterson, Chas., Cable, Ill.....
Peterson, G. W., Bunola, Pa.....
Peterson, J., New Windsor, Ill.....
Peterson, P. C., New Windsor, Ill.....
Petre, J. L., Orchard Mines, Ill.....
Petrey, Daniel, Lot, Ky.....
Pettman, J. D., Pittsburg, Ky.....
Petty, E. B., Jenny Lind, Ark.....
Petty, J. W., Trisler, Ky.....
Pfeifer & Wheeler, Axial, Colo.....
Pfester & Unger, New Berlin, Ohio.....
Pfoutz, Samuel E., Philipsburg, Pa.....
Phelps Bros., Winslow, Ind.....
Phelps, P., Gore, Ohio.....
Phenix, Daniel, Bradford, Ill.....
Philadelphia C. & C. Co., Philadelphia, Pa
Phil. Coal & Iron Co., Tamaqua, Pa.....
Philadelphia & Reading Coal & Iron Co., Philadelphia, Pa.....
Philby Coal Co., Brazil, Iowa.....
Philips, A. A., Ravens Eye, W. Va.....
Phillips Fuel Co., Ottumwa, Iowa.....
Phillips, J., Hazel Green, Ky.....
Phillips, J. E., Cory, Ind.....
Phillips, J. F., Morgantown, Ky.....
Phillips, J. W., Ironton, Ohio.....
Phillips, J. W., Miami, Mo.....
Phillips-Nagle & Co., Mt. Carmel, Pa.....

Phillips, Thos. J., Beattyville, Ky.....
Phillips, Wm., Hardin, Mo.....
Phillipsburg Land Co., Crossville, Tenn...
Philpot, Granville, Manchester, Ky.....
Phinney, Walter M., Lebo, Kan.....
Phipps, Alex., Sellers, Ky.....
Phoenix Coal Co., Brazil, Iowa.....
Phoenix Coal Co., Joggin Mines, N. S....
Phoenix Coal Co., Spaulding, Ill.....
Phoenix Coal Co., Toledo, Ohio.....
Pickering, C. J., Table Grove, Ill.....
Pickering, Jas., Richmond, Mo.....
Picket & Schwetzins, Savannah, Mo.....
Pickett, J. F., Dayton, Tenn.....
Pickett, Nathan, Nelsonville, Ohio.....
Pickles, Wm., Enon Valley, Pa.....
Picklesimer, N., Barnetts Creek, Ky.....
Picklesimer, P., Galen, Ky.....
Picklesimer, Wm., Barnetts Creek, Ky....
Pickon, Louis, Danville, Ill.....
Piedmont Big View C. Co., Windom, W.Va..
Piedmont Coal Co., Graysville, Tenn.....
Piedmont Coal & Phosphate Co., Piedmont, W. Va. .....
Piedmont Cumberland Coal Co., Cumberland, Md.....
Pieratt, J. F., Ezel, Ky.....
Pieratt, W., Ezel, Ky.....
Pierce Bros. & Co., Hartford, W. Va.....
Pierce Coal Co., Neshannock, Pa.....
Pierce, E., Vicar Switch, Va.....
Pierce, G. & Bros., Puritan, Pa.....
Pierce, J. & Co., North Alton, Ill.....
Pierce, J. T., Drakesboro, Ky.....
Pierce, W. L., Farmington, Ill.....
Pierson, G. A., Frederic, Iowa.....
Piersom, Sim., Harrisburg, Ill.....
Pigeon Ck. C. & C. Co., Charlotteville, Va.
Pike, A. F., Minden Mines, Mo.....
Pike Coal Co., New York.....
Pilcher, J. H., McArthur, Ohio.....
Pillman, Richard, Edwards, Ill.....
Pillsbury, D. B., Whiteside, Tenn.....
Pine Creek Coal Co., Mosgrove, Pa.....
Pine Grove Coal Co., Grove City, Pa.....
Pine Hill Coal Co., Minersville, Pa.....
Pine Hill C. & I. Co., Pine Hill, Ky.....
Pine Knot Coal Co., Strunk, Ky.....
Pine Mt. Coal Co., Newcomb, Tenn.....
Pine Mt. Coal Co., Pineville, Ky.....
Pine Run Coal Co., Leechburg, Pa.....
Pine Run C. & C. Co., Coeburn, Va.....
Pine Shade Mg. Co., Boulder, Colo.....
Pinelot Coal Co., Springfield, Ohio.....
Pinkney Cannel C. Co., Cleveland, Ohio..
Pinnell & Morgan, Meyersdale, Pa.....
Pinnickinnick C. Co., Clarksburg, W. Va..
Pioneer Coal Co., Cleveland, Ohio.....
Pioneer Coal Co., Ft. Stanton, N. Mex.....
Pioneer Coal Co., Malden, W. Va.....
Pioneer Coal Co., Pioneer, Tenn.....
Pioneer Coal Co., Thornburg, Iowa.....
Pioneer Mg. & Mfg. Co., Birmingham, Ala.
Pirrung, Henry, Ironton, Ohio.....
Pitlinger & Davis, Centralia, Ill.....
Pitman Coal Co., East Bernstadt, Ky.....
Pitman, Esther, Cretchen, Mo.....
Pittsburg Coal Co., Pittsburg, Pa.....
Pittsburg Coal Co., Belleville, Ill.....
Pittsburg Coal Co., Pittsburg, Ky.....
Pittsburg Coal & C. Co., Hymera, Ind.....
Pittsburg Cons. Coal Co., Pittsburg, Pa....
Pittsburg C., L. & Mg. Co., Osage City, Kas. .....
Pittsburg Coal & Mg. Co., Catfish, Pa.....
Pittsburg Fairport N. W. Dock Co., Pittsburg, Pa.....
Pittsburg Fuel Co., Pittsburg, Pa.....
Pittsburg Gas & Coal Co., Allegheny, Pa..
Pittsburg & Belle Vernon Coal Co., Pittsburg, Pa. .....
Pittsburg & Castle Shannon R. R. Co., Pittsburg, Pa. .....
Pittsburg & Chicago Gas Coal Co., Pittsburg, Pa. .....
Pittsburg & Connellsville Gas, Coal & Coke Co., Connellsville, Pa.....
Pittsburg & Midland Coal Co., Kansas City, Kas. .....
Pittsburg & Midway C. Co., Midway, Kas..
Pittsburg & N. W. C. Co., Bridgeville, Pa.
Pittsburg & Walnut Hill Coal Co., Pittsburg, Pa.....
Pittsburg & Wheeling Coal Co., Cleveland, Ohio.....
Platt Bros., Des Moines, Iowa.....
Platt Coal Co., Seneca, Ill.....
Pleasant Hill Coal Co., Streator, Ill.....
Pleasant Valley Coal Co., Coalfield, Iowa..
Pleasant Valley Coal Co., New York.....
Pleasant Valley C. Co., S. L. City, Utah..
Pleasant Valley Mg. Co., Coalville, Iowa..
Pleasant View C. Co., Pleasant View, Ill..
Pleasanton Coal Co., Pleasanton, Kas.....
Plender Bros., Peoria, Ill.....
Plotz, John, Coal Co., New Albany, Ind..
Plowman, Geo., Brisco, Iowa.....
Plumb, N., Streator, Ill.....
Plumbee, Wm., St. John, Ill.....
Plymouth Coal Co., Plymouth, Pa.....
Pmarr, Asa, Steubenville, Ohio.....
Poague, Geo. M., Jerico, Mo.....
Pochahontas C. Co., Elkhorn, W. Va.....
Poehlein, John C., Tell City, Ind.....
Poland Coal Co., Youngstown, Ohio.....
Poling Coal Co., Coalton, Ohio.....
Polk City Coal & Mg. Co., Des Moines, Ia..
Polley, John, Polleyton, Ky.....
Polonna & Co., Colchester, Ill.....
Pomperine, Wm., Coal Valley, Ill.....
Ponca Coal Mg. Co., Ponca, Neb.....
Pontiac Coal Co., Pontiac, Ill.....
Pool, Edgar, Murphysboro, Ill.....
Poole Coal & Coke Co., Pittsburg, Pa.....
Poole, J. J. & Co., Hartford, Conn.....
Poole, Wm., Kickapoo, Ill.....
Pope Mg. Co., Duquoin, Ill.....
Pope, T. A., Elmwood, Tenn.....
Popkiss, A., Russellville, Ark.....
Port Royal C. & C. Co., Fitzhenry, Pa.....
Porter, B. B., Goodloe, Ky.....
Porter Bros., Bladen, Ohio.....
Porter Coal Co., Denver, Colo.....
Porter, C. H. & Co., Hollidaysburg, Pa....
Porter, Day & Crouch, Conoquenessing, Pa.
Porter Fuel Co., Durango, Colo.....
Porter, Geo. & S. E., Coaldale, Ohio.....
Porter, G. L., Hopewell, Ohio.....
Porter, Jas., Back Bone, Ky.....
Porter, Jas., Hopewell, Ohio.....
Porter, J. C., Back Bone, Ky.....
Porter, Rufus, Ray, Ill.....
Porter, S. R., Hopewell, Ohio.....
Porter, Wm. & Son, Colchester, Ill.....
Porter & Bird, Kalo, Iowa.....
Posey Co-op. Mg. Co., Petersburg, Ind....
Posey, F. B. & Co., Blackburn Station, Ind.
Posey & Gebolt, Pittsburg, Pa.....
Post Royal C. & C. Co., Cleveland, Ohio..
Potomac Coal Co., Barton, Md.....
Potter, A., Wright, Ky.....
Potter, Isaac, Baker, Ky.....
Potter, L. & Co., Mapleton, Ill.....
Potter, Saml., Walker, Mo.....
Potter, W. M., Wright, Ky.....
Potts, Fred A., Providence, R. I.....
Potts, Miles, Dickey's Mills, Ky.....
Potts, Thos., Zanesville, Ohio.....
Potts, T. A. & Co., New York.....
Potts, Saml., Pottstown, Ill.....
Potts Valley Mg. & Mfg. Co., Kanawha, W. Va. .....
Pound, James, Lusk's Springs, Ind.....
Powell Bros., Tell City, Ind.....
Powell, Chas., Dalhousie, N. B.....
Powell, E. B., Higginsville, Mo.....
Powell, H. A., Corydon, Ky.....
Powell, Jas. H., Laynesville, Ky.....
Powell, Jno. W., Orchard Mines, Ill.....
Powell, R. H. & Co., New York.....
Powell, R. H. Co., Philadelphia, Pa.....
Powell & Lathrop, New Market, Iowa.....
Powell & Vase, La Crosse, Mo.....
Powers, Frank, Grayson, Ky.....
Powers, J. L., Polleyton, Ky.....
Powers, Patrick, Galesburg, Ill.....
Powers, Wm., Mineral Ridge, Ohio.....
Powers, W. T., Moundville, Mo.....
Powhatan C. & C. Co., Powhatan, W. Va..
Prater, Irwin, Caney, Ky.....
Prater, Jeff, Salyersville, Ky.....
Prater, Lucinda, Caney, Ky.....
Prater, R. M., Falcon, Ky.....
Prater, Saml., Goodloe, Ky.....
Pratt, Chas., Kickapoo, Ill.....
Pratt, J. M., Viper, Ky.....
Pratt, W. E., Madison, Ind.....
Prentice Coal Co., Philadelphia, Pa.....
Pressed B. & Tile Co., Galesburg, Ill.....
Preston, A., Leesville, Ohio.....
Preston Coal Co., Philadelphia, Pa.....
Preston, J. H., Leesville, Ohio.....
Preston, Saml., Caneyville, Ky.....
Preston, Shoemaker, Mt. Pisgah, Ky.....
Preston, T. J., Paintsville, Ky.....
Prewitt, W. H., Walker, Mo.....
Price, Crockett, Vicar Switch, Va.....
Price, E. W., Keytesville, Mo.....
Price, G. W., Relief, Ky.....
Price, Harvey, Buck Creek, Ky.....
Price, Humstone & Carr, Hesperus, Colo..
Price, Isaac & Co., Brookside, Ala.....
Price, John, Wyoming, Ill.....
Price, Jos., Kewanee, Ill.....
Price, M. S., Price's Fork, Va.....
Price, S. B., Lucas, Mo.....
Price, S. D., Canton, Ohio.....
Price, Thos. & Co., Horse Creek, Ala.....
Price, Z., Price's Fork, Va.....
Price & Co., Cardiff, Ala.....
Price & Jones, Streator, Ill.....
Priest, Thos., Lewisport, Ky.....
Priest & Dorme, Middleport, Pa.....
Primrose Coal Co., New York.....
Prince, B. & Son, Mound Carbon, Colo....
Priode, John, Middleport, Ohio.....
Pritchard, L. C., Sandy Hook, Ky.....
Pritchard, W., Denton, Ky.....
Pritchard, Wm., Lansford, Pa.....
Proctor, A., Orlando, Ky.....
Proctor Coal Co., Des Moines, Iowa.....
Proctor Coal Co., Jellico, Tenn.....
Proctor Coal Co., Red Ash, Ky.....
Profitt, Jeremiah, Hazel Green, Ky.....
Prospect Coal Co., Cleveland, Ohio.....
Prospect Hill Coal Co., Vincennes, Ind....
Protective Co-op. Mg. Co., Grape Ck., Ill..
Providence Coal Co., Providence, Ky.....
Providence Coal Co., Scranton, Pa.....
Provident Assn., Kansas City, Mo.....
Prude, W. W., Jr., Cottondale, Ala.....
Pryce, J. J., Coal Valley, Ill.....
Pryor & Pickett, Huntsville, Mo.....
Pue, E. B., Atascosa, Texas.....
Puget Sound Fire Clay Co., Black Diamond, Wash. .....
Pugh, John & Co., Edwardsdale, Pa.....
Pugh, Henry, Nelsonville, Ohio.....
Pugh, W. A., Pittsburg, Ky.....
Pumyea, Theo., Fairview, Ill.....
Punxsutawney Coal Co., Philadelphia, Pa..
Puritan Coal Co., Philadelphia, Pa.....
Putnam Mg. Co., Park City, Utah.....
Quaker Valley Mg. Co., Youngstown, Ohio.
Quay, W. A., Albany, N. Y.....
Qu'Appelle, Long Lake & Saskatchewan Railway Co., Winnipeg, Man. .....
Queen Coal Co., Philipsburg, Pa.....
Queen City Coal Co., Bellefonte, Pa.....
Queen City C. & C. Co., Queen City, W. Va. .....
Quesnelle Mining Co., Chicago, Ill.....
Quigley, W. C., Floris, Iowa.....
Quincy Coal Co., Colchester, Ill.....
Quinn, B. H., Rousseau, Ky.....
Quinn, John, Pleasant View, Ill.....
Quinnimont Coal & Iron Co., Quinnimont, W. Va. .....
Radcliffe, A., Confidence, Iowa.....
Radcliff, W. G., Glensted, Mo.....
Radenheimer, C., Trisler, Ky.....
Rader, G. H., Camden, Ill.....
Raffle, Wm., Farmington, Ill.....
Ragland C. & C. Co., Ragland, Ala.....
Raglesville Coal Co., Raglesville, Ind.....
Rainbow Coal Co., Cleveland, Ohio.....
Rainbow Coal & Coke Co., Whitsett, Pa...
Raker, I., Maple's Mill, Ill.....
Rakes, D. C., Shack Mills, Va.....
Ralph, C. M., Magan, Ky.....
Rambo, Geo., Richland, Iowa.....
Ramsey, O., Sylvania, Mo.....
Ramy, Jos., Denver, Ky.....
Ran Mg. & Mfg. Co., Harpers Ferry, W.Va.
Rana & Shererly, Carbondale, Kan.....
Ranch, Omer, Unity, Ohio.....
Randall & Co., Flushing, Ohio.....
Randle Coal Co., Freeburg, Ill.....
Randolph C. & C. Co., St. Louis, Mo.....
Randolph Co. Coal Co., Huntsville, Mo...
Randolph, Perry, New Lexington, Ohio....
Randolph & McKinney, Coalcreek, Ind....
Raney, F. A., & Co., Worland, Mo.....
Raney & Co., Centerville, Iowa.....
Rankin, W. D. & Co., Henry, Mo.....
Ransom, J., & Bros., Fowlers, W. Va.....
Ransom, J. H. & Co., Ransomville, Kan..
Ratcliffe Coal Mines, Douds Station, Iowa.
Ratliff, R. H., Pikeville, Ky.....
Ratliff, Sam'l., Caney, Ky.....
Ratliff, V. D., Coal Run, Ky.....
Raton C. & C. Co., Topeka, Kan.....
Raub Coal Co., Wilkes Barre, Pa.....
Raven Coal Co., Cincinnati, Iowa.....
Rawlings & Patterson, Bloomington, Md..
Ray, A., Pimento, Ind.....
Ray, Chas. A., Carbondale, Ill.....
Ray, Wm., Danville, Ill.....
Ray & Boulton, Danville, Ill.....
Raybould Coal Co., Columbus, Ohio.....
Raymond City Coal Co., Raymond City, W. Va.....
Raymond, E. H., Washington, Ind.....

COAL—Continued.

Raystown Branch Coal Co., Hopewell, Pa.
Raystown Coal Co., Philadelphia, Pa.....
Read & Mager, Petersburg, Ind.....
Reading Coal & Iron Co., Trevorton, Pa....
Reagan, Jas., Orchard Mines, Ill.....
Reakut Bros. & Co., New York.....
Realint Bros. & Co., Glen Campbell, Pa...
Ream, Jacob, Ottumwa, Iowa.....
Ream, Sam'l., Tracy, Iowa.....
Ream, W. H., Draketown, Pa.....
Reams, H., Orlando, Ky.....
Reams, Wm., Langnan, Ky.....
Reck, H. T., Bee Spring, Ky.....
Red Ash Coal Co., Rush Run, W. Va.....
Red Ash Coal Co., Wilkes Barre, Pa.....
Red Run Coal Co., Ralston, Pa.....
Redfield & Hutchins, Linden, Ia.....
Redstone Oil, Coal & Coke Co., Tippecanoe, Pa .....
Reece, Silas, Philipsburg, Pa.....
Reece, Thos., Elk Lick, Pa.....
Reece, W., Video, Pa.....
Reed, B. F., N. Industry, Ohio.....
Reed, Calabom, High Knob, Ky.....
Reed City Coal & Mg. Co., Reed, Ill.....
Reed, Henry, Corsica, Pa.....
Reed, Jas. W., Kilgore, Ohio.....
Reed, S. G., Pittsburg, Pa.....
Reed, Wm., High Knob, Ky.....
Reed, W. M., Pigeon Roost, Ky.....
Reed, W. W. & Bro., Dudley, Pa.....
Reed & Co., Tacoma, Wash.....
Reed & Stacy, Hager, Ky.....
Rees, C. J., Burlington Junction, Mo.....
Rees, George, & Co., Karthaus, Pa.....
Reese Bros., Jasper, Ind.....
Reese, D. D., Panora, Iowa.....
Reese, Isaac J., Shamokin, Pa.....
Reibenstein, Wm., Osnaburg, Ohio.....
Reichard, Frank, Western Star, Ohio.....
Reid, Andrew, Saline Mines, Ill.....
Reid Bros., Dunbar, Pa.....
Reid, Geo., Lobo, Kan.....
Reid, W. M., Marion, Ill.....
Reid & Glover, Quinton, Ala.....
Reigel, Dan'l., Oskaloosa, Iowa.....
Reighard & Page, Mineral Point, Pa.....
Reilly, Jos. H., Philipsburg, Pa.....
Reilly, Wm., Danville, Ill.....
Reinecke Coal Co., Madisonville, Ky.....
Reinecke Coal Co., Madonnaville, Ill.....
Reinecke, Conrad, Belleville, Ill.....
Reinly, L. D., Carbon, Iowa.....
Reliance Coal Co., Middlesboro, Ky.....
Reliance C. & C. Co., Hartranft, Tenn.....
Rend, W. P., Chicago, Ill.....
Renecker, James, Shoals, Ind.....
Renick Coal Co., Renick, Mo.....
Reninger, F. E., Krumroy, Ohio.....
Rennie & Shively, Carbondale, Kan.....
Renslow, C., Fanslers, Iowa.....
Renslow, P., Fanslers, Iowa.....
Rentchler Coal Co., Rentchler, Ill.....
Renther, Geo., Belleville, Ill.....
Renton Coal Co., San Francisco, Cal.....
Renton Co-op. Coal Co., Seattle, Wash.....
Republic Coal Co., Pittsburg, Pa.....
Republic Mg. Co., Philadelphia, Pa.....
Rether, John, Ft. Stanton, N. Mex.....
Rewart, Frank, Peoria, Ill.....
Rex, Wm., Marion, Ill.....
Reynold, G., Tyner, Ky.....
Reynolds, Dan'l., Booneville, Ky.....
Reynolds, Franklin, Kittanning, Pa.....
Reynolds, G. B., Booneville, Ky.....
Reynolds, Jos. C., Booneville, Ky.....
Reynolds, J. T., Greenville, Ky.....
Reynolds, L., Eversole, Ky.....
Reynolds, M., Booneville, Ky.....
Reynolds, M. C., Coalrun, Ky.....
Reynolds, R., Booneville, Ky.....
Reynolds, Thos., Coalrun, Ky.....
Reynolds, T. I., Coalrun, Ky.....
Reynolds, W. W., Boonville, Ind.....
Reynolds & Allen, McCredie, Mo.....
Reynolds & Moyer C. Co., Ltd., Plymouth, Pa .....
Reynolds & Williams, East Peoria, Ill.....
Rhoades & Schuster, Philadelphia, Pa.....
Rhoads, Daniel, La Plata, N. Mex.....
Rhodes, I., Coalville, Iowa.....
Rhodes, Isaac, Montgomerys Ferry, Pa....
Rhodes, J., Mullis, Ky.....
Rhodes, Thos., Coalton, Ohio.....
Rhodes & Beidler Coal Co., Cleveland, O..
Rhodes & Campbell Co., Indianapolis, Ind.
Rhu, Charles, Exeter, Ill.....
Rhyan, E. S., New Goshen, Ind.....
Riach Bros., Hebron, Colo.....
Ribeau, Frank, Centropolis, Kan.....
Rice, A. J., Denver, Ky.....
Rice, C. C., Denver, Ky.....
Rice, Elijah, Osnaburg, Ohio.....
Rice, E. G., Mt. Savage, Ky.....
Rice, G. W., Galen, Ky.....
Rice, John, Whitesville, Ky.....
Rice, M. M., Backbone, Ky.....
Rice, N. T., Blaine, Ky.....
Rice, Thos., Chambers, Ky.....
Rice, Wm., Petersburg, Ill.....
Rich, H. & Co., Helena, Ala.....
Rich Hill Coal Mg. Co., Rich Hill, Mo.....
Richards, Dan'l., N. Industry, Ohio.....
Richards, G. B., Co., Pittsburg, Pa.....
Richards, John, Zanesville, Ohio.....
Richards, W. C., McWilliams, Pa.....
Richards & Howards, Welker, Tenn.....
Richardson, E. J., Centerville, Iowa.....
Richardson, H., Eveland, Iowa.....
Richardson, J., Shelbyville, Ill.....
Richardson, M., Williamsburg, Ky.....
Richardson, P. F., Rumsey, Ky.....
Richardson, Wm., Lewisport, Ky.....
Richardson, Wm., Moro, Ill.....
Richardson & Patton, Soldier, Ky.....
Richey, Jas. Allen, Ironton, Ohio.....
Richlands Coal Co., Richlands, Va.....
Richman, W., Fancher, Ill.....
Richmond Coal Co., Alpine, Ky.....
Richmond Coal Co., Camden, Mo.....
Richmond Coal Mg. & Mfg. Co., Boston, Mass .....
Richmond, E., Milo, Iowa.....
Richmond, G. W., Majorsville, W. Va.....
Richmond, J., East Point, Ky.....
Richmond, J. W., Calis, W. Va.....
Rickard Bros. & Co., Philadelphia, Pa.....
Ricksecker, John, Navarre, Ohio.....
Riddle, John, Adams, Ky.....
Riddle, Thos., Cruseton, Ky.....
Ridelin, James, Carbondale, Ind.....
Ridgely, Isabella, Grantsville, Md.....
Ridgeway, Spankle & Co., Helenwood, Tenn .....
Ridgway Bishop Coal Co., Philadelphia, Pa.
Ridler, John, Sunnyside, Md.....
Righter, Thos. M. & Co., Mt. Carmel, Pa...
Rightsell, T. H., Brazil, Ind.....
Riley, C. & W., Grape Creek, Ill.....
Riley, E., St. John, N. B.....
Riley, Elery, Atkinson, Ill.....
Riley, Ernst, Chap, W. Va.....
Riley, E. W., Neponset, Ill.....
Riley, G. W., Shraders, Va.....
Riley, J., Crockettsville, Ky.....
Riley, J., Deep Water, W. Va.....
Riley, Lewis, & Co., Philadelphia, Pa.....
Riley, Silas, Neponset, Ill.....
Ripple, E. H., Scranton, Pa.....
Risch, J., Glenora, Pa.....
Risher, J. M., Pittsburg, Pa.....
Risner, A., Lickburg, Ky.....
Risner, L., Hindman, Ky.....
Risner, M., Swampton, Ky.....
Risner, Wm., Hendricks, Ky.....
Ritcher, Jos., Roseville, Ill.....
Ritchey, L. E., Radcliff, Ohio.....
Ritchie, Chas., Peoria, Ill.....
Ritka & Peart, Kewanee, Ill.....
Ritter & Weaver, Gaines, Mo.....
River Bank Coal Co., Streator, Ill.....
River View Coal Mining Co., Ltd., Philadelphia, Pa. .....
Rivers, W. T., Back Bone, Ky.....
Riverside Coal Co., Boonesboro, Iowa.....
Riverside Coal Co., Scranton, Pa.....
Riverside Coal & Mining Co., Hodge, Mo..
Riverside Iron Works, Steubenville, Ohio..
Riverton Coal Co., Chicago, Ill.....
Riverton Coal Co., Riverton, Ohio.....
Riverview Coal & Mg. Co., Buffalo, N. Y..
Roach, J. W., Griffithsville, W. Va.....
Roady Bros., Scranton, Kan.....
Roan, J. M., New Straitsville, Ohio.....
Roanoke C. & C. Co., Algoma, W. Va....
Roanoke Mining Co., Roanoke, Ill.....
Roaring Creek Coal & Coke Co., New York.
Roark, J. M., Earles, Ky.....
Robards, Jas., Rousseau, Ky.....
Robb, R. N., Horseshoe Bend, Idaho.....
Robbinett, Henry, McArthur, Ohio.....
Robbins Coal, C. & C. Co., Pittsburg, Pa..
Robbins, T. B. & Co., Midway, Pa.....
Robbins & Cochran, Cambridge, Ohio.....
Robbins & Co., McKeesport, Pa.....
Roberts, C., McKee, Ky.....
Roberts, D. B., Orchard Mines, Ill.....
Roberts, J. H., Colchester, Ill.....
Roberts, J. R., Springfield, Mo.....
Roberts, M., Knottsville, Ky.....
Roberts, N., Quitman, Mo.....
Roberts, W., Staunton, Ind.....
Roberts & Co., Sugar Notch, Pa.....
Robertson Bros., Laddonia, Mo.....
Robertson, F., Montreal, Que.....
Robertson, Jas., Rousseau, Ky.....
Robertson, J. J., Alliance, Ohio.....
Robertson, J. L. M., Earlington, Ky.....
Robertson, Wm., Newburg, Ind.....
Robertson & Law, Moosic, Pa.....
Robeson, S. D., Smithmill, Pa.....
Robins Coal Co., Cambridge, Ohio.....
Robinson Bros., Wyoming, Ill.....
Robinson Coal Co., Coalburg, W. Va.....
Robinson, D. L., Worland, Mo.....
Robinson, Hayden & Co., New York.....
Robinson, Jas., Clover Bottom, Ky.....
Robinson, James, & Co., Coalville, Utah..
Robinson, Joseph, Knightsville, Ind.....
Robinson, R. P., Jr., Laynesville, Ky.....
Robinson, Wm. & Son, Colchester, Ill..
Robinson, W. D., Moundville, Mo.....
Robinson, W. O., Knoxville, Iowa.....
Robinson & Gough, Eureka, Iowa.....
Robinson & Sons, Earlington, Ky.....
Robinson & Truax, Lima, Mont.....
Roblin, Logan, Winslow, Ind.....
Robson, Joseph, Coshocton, Ohio.....
Roby, John, Carbondale, Kan.....
Rochester, Felix, Hyden, Ky.....
Rochester & Pittsburg Coal & Iron Co., Rochester, N. Y. .....
Rock Hill Coal Co., Cleveland, Ohio.....
Rock Hill I. & C. Co., Philadelphia, Pa..
Rock Island Block Coal Co., Numa, Iowa..
Rock Run Coal Co., Brazil, Ind.....
Rock, R. R. & Son, Albany, N. Y.....
Rock Springs Coal Co., Rock Spgs., Wyo.
Rockdale Mg. & Mfg. Co., Rockdale, Tex.
Rockershousen, Louis, Bellaire, Ohio.....
Rockford, John, Hawley, Ill.....
Rockport Mineral Co., Rockport, Ind.....
Rocky Fork Coal Co., Red Lodge, Mont...
Rocky Mt. C. & I. Co., San Francisco, Cal..
Rocky Ridge C. Co., New Whatcom, Wash.
Roddis & Son, Ipava, Ill.....
Rodgers, Frank, Hooversville, Pa.....
Rodgers, R. G., Coal Co., Eaton, Colo....
Rodgers, W. B., Pittsburg, Pa.....
Rogers, Elias, & Co., Toronto, Ont.....
Rogers, J. F., Morris, Ala.....
Rogers, W., Oskaloosa, Iowa.....
Rogers & Crow, Boonesboro, Iowa.....
Roland, H. C., Booneville, Ky.....
Roland, Martin, Booneville, Ky.....
Rolfe Coal & Coke Co., Jones, W. Va.....
Rollings, S. R., Flagler, Iowa.....
Rollins, Jos., Delta, Colo.....
Rollins, J. R., Rockholds, Ky.....
Rolls & Anderson, Fort Dodge, Iowa.....
Romaine, Thos., Banner, Ill.....
Romine, Mrs. Susan, Youngstown, Ill...
Roney, F. A., Worland, Mo.....
Root & Waddell, Canton, Ill.....
Rosborough Coal & Mfg. Co., Sparta, Ill...
Rosborough Coal Co., Rosboro, Ill.....
Roseborough, R. H., Sparta, Ill.....
Rosboro & Moffatt, Percy, Ill.....
Rose Coal Co., North Industry, Ohio.....
Rose, David B., Hazel Green, Ky.....
Rose, E. B., Lot, Ky.....
Rose, Geo. B., Booneville, Ky.....
Rose, G. P., Carpenter, Ky.....
Rose, Hugh, Pleasantville, Ind.....
Rose, James, Mize, Ky.....
Rose, Jas., Vermont, Ill.....
Rose, Jeff., Hazel Green, Ky.....
Rose, John, Sr., Hazel Green, Ky.....
Rose, J. C., Eversole, Ky.....
Rose, Lee, Eversole, Ky.....
Rose, L. C., Booneville, Ky.....
Rose, M. A., Pollyton, Ky.....
Rose, Robt., Eversole, Ky.....
Rose, W. E., Salesville, Ohio.....
Rose & Bennett, Navarre, Ohio.....
Roseville Mining Co., Roseville, Ohio.....
Ross, Donald, Edmonton, N. W. T.....
Ross, Ira, Dunkard, Pa.....
Ross, J. H., Waynesburg, Ohio.....
Ross, J. M., Canton, W. Va.....
Ross, J. M., Dunkard, Pa.....
Ross, Thos., Crooksville, Ohio.....
Ross & Woodward, Galesburg, Ill.....
Rosser, Chas., Bellaire, Ohio.....
Rostraver Coal Co., Lock No. 4, Pa.....
Rothwell Coal Co., Nuttallburg, W. Va....
Rothwell, J. & Co., Philadelphia, Pa.....
Rouse, Thos., Jr., Leota, Pa.....
Rousel & Hicks, New York.....
Roush, Eli, Minersville, Ohio.....
Rousseau, Wm., Confidence, Iowa.....

Rowan, Chas., Jamestown, Iowa.....
Rowan, C. G., Buffalo, Iowa.....
Rowan, J. B., Beda, Ky.....
Rowe, Jerome, Junction City, Ohio.....
Rowe, L. J., Sheldon, Mo.....
Rowe, M. E., Grundy, Va.....
Rowe, Wm., Lookout, Ky.....
Rowland, Ellsworth, Pindleton, Pa.....
Rowland, Hy., Carlow, Ky.....
Rowland, Jacob, Freeport, Ohio.....
Rowlands, C. T., Pigeonroost, Ky.....
Rowlett, J. A., Henderson, Ky.....
Rowley, Ben., Sigourney, Iowa.....
Royal C. & C. Co., Coal Creek, Tenn.....
Royal Coal & Coke Co., Rushrun, W. Va..
Royle Coal Co., Hilliards, Pa.....
Royster Bros., Peoria, Ill.....
Rubestein, Wm., Osnaburg, Ohio.....
Ruckman, J. A., McMechen, W. Va.....
Rudy, J. H., Orlando, Ky.....
Ruff, Daniel, New Chambersburg, Ohio...
Ruhl, John, Carthage, Mo.....
Rule, W. W., Paintsville, Ky.....
Rumbaugh, Jacob, Lycippus, Pa.....
Rumey, Jas., Sip, Ky.....
Rumley, Grant, Dunksburg, Mo.....
Rumon, John, Carpenter, Ky.....
Rundle, Wm., Pekin, Ill.....
Ruoche, J. C., East Peoria, Ill.....
Rupp, J. A., Belknap, Pa.....
Rusche Bros., East Peoria, Ill.....
Rush Brook Coal Co., Peckville, Pa.....
Rush, Milton, Dallas, Ky.....
Rush Run C. & C. Co., Rush Run, W. Va.
Rush, W. V., South America, Ill.....
Rushong, A. M., Grape Creek, Ill.....
Rushville Coal Co., Rushville, Ill.....
Russel, J. S. & G. S., Ashland, Ill.....
Russel, Wm. C., Middleport, Ohio.....
Russel & Dewitt, Tennessee, Ill.....
Russell, John, Perry, Mo.....
Russell, J. C., Bush, Ky.....
Russell, Thos., Fairfield, Iowa.....
Ruth, Wm., Carbon, Iowa.....
Rutherford, H. L. & Son, Huntsville, Mo..
Rutherford, Wm. & Co., Cuba, Ill.....
Rutland Coal Co., Rutland, Ill.....
Rutter, M. & Co., Birmingham, Ala.....
Ryan, D., Winchester, Ill.....
Ryan, G. G., Milford, Mo.....
Ryan, Jacob, Colchester, Ill.....
Ryan, John & James, Pekin, Md.....
Ryan, Peter, Streator, Ill.....
Ryan & Co., Scranton, Kan.....
Rye, H. M., Danleyton, Ky.....
Ryan & Roberts, Streator, Ill.....
Sackville, Wm , Coal Valley, Ill.....
Sacramento & Ione Coal Co., Ione, Cal...
Saggs, L. H., Bonaugh, Mo.....
St. Albans Coal Railroad Co., Charleston, W. Va.....
St. Andrews Land Co., St. Andrews, N. B.
St. Bernard Coal Co., Earlington, Ky.....
St. Clair Coal Co., Eagle, W. Va.....
St. Clair Coal Co., Ragland, Ala.....
Saint Clair Coal Co., St. Louis, Mo.....
St. Clare Coal & Coke Co., Pittsburg, Pa..
St. Curuntte, John, Prosperity, Ky.....
St. John, Jas., Tyner, Ky.....
St. Louis Fuel Co., St. Louis, Mo.....
St. Louis Ore & Steel Co., Murphysboro, Ill.....
St. Louis & Big Muddy Coal Co., St. Louis, Mo.....
St. Louis & K. C. Ry. Co., Fancher, Ill..
St. Mary's Coal Co., Williamsport, Pa....
St. Vrain Coal Co., Erie, Colo.....
Sale Creek C. & C. Co., Chattanooga, Tenn.
Salem Coal Co., Salem, Ill.....
Salem Coal Co., Shickshinny, Pa.....
Salem Co., Salem, Ohio.....
Salgers, C., Caney, Ky.....
Salisbury, W. J., Millegan, Mont.....
Salisbury, L., McDowell, Ky.....
Salter, S. W. & Son, Georgeville, Mo.....
Saltfork Coal Co., Corder, Mo.....
Saltsburg Coal Co., Saltsburg, Pa.....
Salyer, Abner, Swampton, Ky.....
Salyer, B., Helton, Ky.....
Salyer, Calvin, Helton, Ky.....
Salyer, John, Swampton, Ky.....
Salyer, Jonathan, Helton, Ky.....
Salyer, J. A., Wallins Creek, Ky.....
Salyer, Logan, Gypsy, Ky.....
Salyer, R. E., Swampton, Ky.....
Sample, Frank, Ezel, Ky.....
Sample, Jno., Laura, Ill.....
Sample, John, Treadway, Ky.....
Sample & Cox, Laura, Ill.....
Samuelson, Samuel, Colchester, Ill.....
San Carlos Coal Co., Pittsburg, Pa.....
San Francisco & San Juan Coal Co., Livermore, Cal.....
San Joaquin Coal Mg. Co., Fresno, Cal..
San Joaquin Val'y C. Mg. Co., Fresno, Cal.
San Juan Coal Co., Durango, Colo.....
San Pedro C. & C. Co., Carthage, N. Mex.
Sandcoulee Coal Co., St. Paul, Minn.....
Sanders, J. H., Fudges Creek, W. Va....
Sanders & Kelly, Carthage, Mo.....
Sandoval Coal Mg. Co., Sandoval, Ill.....
Sandusky Coal Co., Sandusky, Ohio.....
Sandy River Cannel Coal Co., Myrtle, Ky..
Sanford & Co., Mansfield, Pa.....
Sanford & Duncan, Philipsburg, Pa.....
Sangamon Coal Co., Springfield, Ill.....
Sanger, S. S., El Paso, Tex.....
Sanner, T., Milford Station, Pa.....
Sansser, G. M., Osnaburg, Ohio.....
Santa Fe Mining Co., Rockdale, Tex.....
Santo Tomas Coal Co., Laredo, Tex.....
Santock, John, Doylestown, Ohio.....
Saratoga Gas & St. C. Co., New Lisbon, O.
Saratoga Mining Co., New Lisbon, Ohio..
Sarchett, Moses, Cambridge, Ohio.....
Sartain, J. S., West Liberty, Ky.....
Sater, H. W., Georgeville, Mo.....
Sato Coal Mining Co., Sato, Ill.....
Satterfield, J. W., Canton, W. Va.....
Satters, Ward, Majorsville, W. Va.....
Sauer, Emil, Middleport, Ohio.....
Sauer, Jacob, Lycippus, Pa.....
Saunders, P., Maiden, Mont.....
Saunders, W. G., Jubilee, Ill.....
Saupe, John, Peoria, Ill.....
Sauters, J. D., McDonald, Pa.....
Savil, Chas., Canton, Ill.....
Savill, Jesse, Castleton, Ill.....
Saw Mill Run Coal Co., Pittsburg, Pa...
Saxman, M., Jr., & Co., Latrobe, Pa.....
Sayers, Ed., Minor, W. Va.....
Sayers, Thos. W., Waynesburg, Pa.....
Sayler, Mack, Wallins Creek, Ky.....
Scahill, Patrick, Bellaire, Ohio.....
Scandinavian Coal Co., Centerville, Iowa..
Scanlon, Chas., Canton, Ill.....
Scarbro & Griffin, Fredonia, Ill.....
Scarff, John P., Pittsburg, Pa.....
Schafer, H., Lincoln City, Ind.....
Schafer & Scott, Kercheval, Ind.....
Schaffer, Jones & Co., Sato, Ill.....
Schaggs, Hy., Leonard, Ky.....
Schemler, Jacob, Waco, Ohio.....
Schmidt, Jacob, East Peoria, Ill.....
Schmidt, John C., Millstadt, Ill.....
Schmidt, Jos., Groveland, Ill.....
Schmidt, T. P. & Son, Peoria, Ill.....
Schmitt, Marcell, C. Co., Cullman, Ala..
Schoffer, Bernard, Brookfield, Mo.....
Schooley, D., Pittston, Pa.....
Schoonmaker, J. M., Coke Co., Dawson, Pa.....
Schrepferman Coal Co., Brazil, Ind.....
Schrodes & Herod, Yankeetown, Ind....
Schulte, A. J., Pittsburg, Pa.....
Schultz, Chas. L., Zanesville, Ohio.....
Schwind, J. D., Dubois, Ill.....
Schwindler, Jos., Barton, Ohio.....
Scioto Furnace Coal & Iron Co., Scioto Furnace, Ohio .....
Scott, C., Kercheval, Ind.....
Scott, Chas., Kangley, Ill.....
Scott Coal Co., Diamond, Ohio.....
Scott Coal Co., Sharon, Pa.....
Scott Coal Mg. Co., Portage, Pa.....
Scott, D. C., Kirksville, Mo.....
Scott, Eugene, Craig, Ohio.....
Scott, E. S., Holt, Pa.....
Scott, Jno., Castleton, Ill.....
Scott, Jno., Modena, Ill.....
Scott, J. C., Pikeville, Ky.....
Scott, J. C. & Sons, Philadelphia, Pa.....
Scott, J. M., Joe, Ky.....
Scott, R. L. & Co., Philipsburg, Pa.....
Scott, Thos. D., Middleport, Ohio.....
Scott, Wayne, White Post, Ky.....
Scott, W. A., Cambridge, Ohio.....
Scott, W. B., Kangley, Ill.....
Scott, W. H., Reading, Pa.....
Scott, W. L., Co., Erie, Pa.....
Scott & Davis, Catlin, Ill.....
Scott & Krille, Canal Dover, Ohio.....
Scott & Nelson, Carbondale, Kan.....
Scottish Manitoba & North West Real Est. Co., Winnipeg, Man. .....
Scottish Ontario & Manitoba Loan Co., Winnipeg, Man. .....
Scrivens, Wm., Norborne, Mo.....
Scrivner, W. R., Opdyke, Ill.....
Scruggs McClure Coal Co., St. Louis, Mo..
Scully, James, Tell City, Ind.....
Sea Bay Coal Co., Saco, Me.....
Seale, J. W., Booneville, Ky.....
Sealover, A. Z., Zanesville, Ohio.....
Seammell, Chas., St. John, N. B.....
Searcy, S. R., Island, Ky.....
Searean, Thos., & Son, Dunksburg, Mo....
Seargent & McMichael, Hickman, Pa.....
Searls, J. W., San Miguel, Colo.....
Sears, Thos., Carpenter, Ky.....
Seattle Coal & Iron Co., Seattle, Wash...
Seawell, J. M., Kansas City, Mo.....
Sebastian, J. C., Caney, Ky.....
Sebastian, J. M., Booneville, Ky.....
Sebewaing Coal Co., Sebewaing, Mich...
Secrist, A. L., Goheenville, Pa.....
Sedalia Coal Co., Glouster, Ohio.....
Sedalia Mining & Pros. Co., Sedalia, Mo..
Seeley, D. J., St. John, N. B.....
Sefrit & Braun, Washington, Ind.....
Seger, Michael, Bittinger, Md.....
Selberling, M., Akron, Ohio.....
Selberling, Miller & Co., Doylestown, O...
Selbur, Louis, Lebo, Kan.....
Selkirk, John, Monmouth, Ill.....
Sellers, Coleman, Philadelphia, Pa.....
Sellers, Isaac, Hopewell, Ohio.....
Seman, Ezra, Hopwood, Pa.....
Senseney, H. M., Bloomington, Ill.....
Sequachee Valley Coal Co., Jasper, Tenn..
Serany, J. S., Dunksburg, Mo.....
Seton, J. R., Sylvania, Mo.....
Seuff, D. W., Raglesville, Ind.....
Severance, J. W., Zanesville, Ohio.....
Sewers, Thos., Rosehill, Iowa.....
Sewickly Coal Co., Philadelphia, Pa.....
Sexton Coal & Coke Co., Coeburn, Va.....
Seybert, David, Kaylor, Pa.....
Seymour Coal Co., Seymour, Iowa.....
Shackley, S., Carbon, Ind.....
Shaefer, Bickel & Co., Mt. Carmel, Pa.....
Shafer, Samuel, Worth, Pa.....
Shaffer, B. F., Oakland, Md.....
Shaffer, J. S., Stanton, Pa.....
Shaffer, Solomon, Summum, Ill.....
Shaffer, Wm., Danville, Ill.....
Shaffer, W. K., Willet, Pa.....
Shaffner, Augustine, St. Augustine, Pa....
Shall, Sol., Glenn, Ind.....
Shamokin C. & C. Co., Maybeury, W. Va..
Shamrock Coal Co., Coal Creek, Tenn....
Shandy, C. V., Petersburg, Ind.....
Shandy & Kinscherff, Petersburg, Ind.....
Shaner Coal Co., Philadelphia, Pa.....
Shanlis, F., Bakersville, Pa.....
Sharon Iron & Coal Co., Cameron, Pa.....
Sharp, Nelson, Welcome, Ohio.....
Sharp, Perry, Rockholds, Ky.....
Sharp, R. W., Sylvania, Mo.....
Sharpuck, Ernst, Salem, Ohio.....
Shaughnessy, J. O., Mapleton, Ill.....
Shaver, B., Birch River, W. Va.....
Shaver, P., Wegee, Ohio.....
Shaw, A. B. & Co., Bayard, W. Va.....
Shaw Bros., Baltimore, Md.....
Shaw, Estate of, W., Pittsburg, Pa.....
Shaw, John, Barton, Md.....
Shaw, J. W., Minerva, Ohio.....
Shaw, Nathan, Kramm, Ill.....
Shaw, Wm., Winslow, Ind.....
Shawmut Coal Co., Cartwright, Pa.....
Shawnee C. & C. Co., Eckman, W. Va....
Shawnee Valley C. & I. Co., Newark, Ohio.
Sheafer, Wm. H., Philadelphia, Pa.....
Shearan Mining Co., Lethbridge, N. W. T.
Sheckler, W. H., Alliance, Ohio.....
Sheddon, John, Hermitage, Pa.....
Sheen, Jas., Salem, Ohio.....
Sheffield C., Iron & Steel Co., Sheffield, Ala.
Sheffield Mining Co., Sheffield, Ill.....
Sheffield & Birmingham Coal, Iron & Railroad Co., Birmingham, Ala.....
Shelburn Coal Mining Co., Shelburn, Ind..
Shelby & Huck, Quakertown, Pa.....
Shelton, Abb., Knottsville, Ky.....
Shenandoah Furnace Co., Philadelphia, Pa.
Shenango Coal & Min. Co., Mercer, Pa....
Shepard, E. M., New Goshen, Ind.....
Sheperd, Eli, Catlin, Ill.....
Sheppard, Byron, Goodloe, Ky.....
Sheppard, Jake, Goodloe, Ky.....
Sheppard, J. C., Salem, Ohio.....
Sheppard, J. E., Gypsy, Ky.....
Sheppard, P. P., Price's Fork, Va.....
Sheppard, Riley, Island City, Ky.....
Sheppard, Wm., Gypsy, Ky.....
Shepplar Gas Coal Co., Webster, Pa.....
Sherburne Block Coal Co., Brazil, Ind.....
Sherebine, James, Colchester, Ill.....
Sheridan Fuel Co., Sheridan, Wyo.....
Sherline, David, Colchester, Ill.....
Sherman, John, Flora, W. Va.....
Sherwin, P. D., Euclid, Pa.....

COAL—Continued.

Shetler & Rearick, Blanco, Pa.
Sheyer, G., Worthington, Ind.
Shields, James, Duncannon, Pa.
Shields, James W., Osceola, Pa.
Shields, P. J., Belt, Mont.
Shifely & Russell C. Co., Tennessee, Ill.
Shiplot, Nelson, Hopewell, Ohio.
Shipman Coal Mining Co., Detroit, Mich.
Shipman Coal Co., Shipman, Ill.
Shipman Koal Co., Buffalo, N. Y.
Shirwin, Thos., Axial, Colo.
Shister & Dickey, Deersville, Ohio.
Shiver, T. & Bros., Spottsville, Ky.
Shiver, W. & Co., Curdsville, Ky.
Shoemaker, J. C., Cassandra, Pa.
Shoemaker, Seth, Buckhorn, Pa.
Shook, Daniel, Coalton, Ohio.
Shook, J. W., Windsor, Mo.
Sholl, Adam, Peoria, Ill.
Shone, Mrs. Jane, Grenola, Kan.
Shore Coal Co., Durango, Colo.
Shore, Wm., Chandlerville, Ill.
Short, Chas., Leonard, Ky.
Short, Hampton, Leonard, Ky.
Short, James, Evarts, Ky.
Short, J. B., Harrisburg, Mo.
Shraders, Thos., Shraders, Va.
Shreiber, Wm., Zollarsville, Pa.
Shultz, A. J., Chartiers, Pa.
Sibley, McClure & Co., Old Forge, Pa.
Sickinger, J. C., St. Louis, Mo.
Sickles, W. H., Wesco, Pa.
Sieger, Osborne & Co., Jacobs Creek, Pa.
Siegrist, J. H., St. Louis, Mo.
Sigfried, J. K., Pottsville, Pa.
Siler, F. M., Lot, Ky.
Siler, Joe, Saxton, Ky.
Siler, J. W., Williamsburg, Ky.
Siler, L. F., Lot, Ky.
Siler, Milton, Lot, Ky.
Siler, Perry, Lot, Ky.
Siler, T. S., Saxton, Ky.
Siler, Wm., Mullis, Ky.
Silknutter, B. F., Centerville, Iowa.
Silkwood, T., Walkerville, Ill.
Silver Brook Coal Co., Mauch Chunk, Pa.
Silver Cord Mining Co., Philadelphia, Pa.
Silver Creek Coal Co., Central City, Ky.
Silver Queen Mining Co., Ardmore, Ind. T.
Silver Run Coal Co., Middleport, Ohio.
Silvis Bros., Carbon Cliff, Ill.
Simcox, Jno., Alexis, Ill.
Simkins, Frank M., Elkton, Ohio.
Simmer, J. B., Hager, Ky.
Simmons, D. W., Summerset, Iowa.
Simmons, Henry, Darby, Ky.
Simmons, Wm., Sand Hill, Ky.
Simon & Sons, Jamaica, Iowa.
Simpkin, Samuel, Iles Junction, Ill.
Simpson, B., Carbon, Ind.
Simpson, Chas., Ready, Ky.
Simpson Gas Coal Co., Simpson, W. Va.
Simpson, Jos., Swan Creek, Ill.
Simpson, Justice, Aetnaville, Ky.
Simpson, J. N., Jackson, Ohio.
Simpson & Gardner, Cardonia, Ind.
Simpson & Watkins Coal Co., Duryea, Pa.
Sims, J. M., West Louisville, Ky.
Sims & McCormick, Jasper, Ala.
Sinee, T., Oakland, Md.
Singer, F., Spaulding, Ill.
Sink, E., Orchard, Kan.
Sinkous & Kipps, Cambria, Va.
Sinnemahoning I. & C. Co., Cameron, Pa.
Siskiyou Coal Mining Co., Hornbrook, Cal.
Sittig, H. P., Stonefort, Ill.
Skaggs, J. W., Martha, Ky.
Skaggs, M., Riddle, Ky.
Skaggs, M. P., Roscoe, Ky.
Skagit Cumberland Coal Co., San F., Cal.
Skellett Coal Co., Belleville, Ill.
Skellet, Wm., Belleville, Ill.
Skelly, E. B., Millersburg, Ohio.
Skidmore & Ericke, West Monterey, Pa.
Skillett Creel Coal Co., Dayton, Iowa.
Skillman, A., Foster, Mo.
Skinner, A. T., Spruceburg, Ky.
Skybe, Jos., Kelly's Ferry, Tenn.
Slate Creek Mg. Co., Olympia, Ky.
Slater, Jas., Brimfield, Ill.
Slattery, J. J., Tuscarora, Pa.
Slean, Jas., Peoria, Ill.
Sleep, Wm., Truro, Ill.
Slemmer, W. H. & Co., Pine Hill, Pa.
Slidell Coal Co., Slidell, Tex.
Sloan, W. F., Bozeman, Mont.
Sloas, John, Back Bone, Ky.
Sloss, Geo., Marquess, W. Va.
Sluman, George, Cassville, Pa.
Slusher, Jas., Helton, Ky.
Slusher, John, Knuckles, Ky.
Slusher, Josh., Knuckles, Ky.
Slusher, P., Knuckles, Ky.
Slusher, R., Knuckles, Ky.
Smalls, Frank, Edmond, W. Va.
Small, John, Beauty, W. Va.
Smedley Mining Co., Dubuque, Iowa.
Smiddy, J. F., Caryville, Tenn.
Smiley, Jas., Barton, Md.
Smith, Albert, Osnaburg, Ohio.
Smith, A. & Son, Lehigh, Iowa.
Smith, A. J., Corry, Mo.
Smith, A. W., Otsego, Ohio.
Smith Bros., New Sharon, Iowa.
Smith, C. G., Barnesville, Ohio.
Smith, Donald, Fandon, Ill.
Smith, David, Relief, Ky.
Smith, D. G., Winslow, Ind.
Smith, E., Saxton, Ky.
Smith, Ezekel, Barnesville, Ohio.
Smith, E. F., Doverhill, Ind.
Smith, E. F., Petersburg, Ind.
Smith, Geo., Colchester, Ill.
Smith, Henry, Beallsville, Pa.
Smith, Henry, Youngstown, Ill.
Smith, Hill & Co., Pontiac, Ill.
Smith, H. I. & Co., Philadelphia, Pa.
Smith, I. H., Charlton, Iowa.
Smith, I. W., Paradise, Ky.
Smith, Jas., Fulton, Mo.
Smith, Jas., Mullis, Ky.
Smith, Jas. A., Cambridge, Ohio.
Smith, Jeremiah, Jr., Sassafras, Ky.
Smith, John, Evensville, Tenn.
Smith, John, Neshamnock, Pa.
Smith, John D., Washingtonville, Ohio.
Smith, John E., Jonesburg, Ky.
Smith, John F., Otsego, Ohio.
Smith, Jos., North Sewickley, Pa.
Smith, J. R., Manorville, Pa.
Smith, J. R., Strickler, Ark.
Smith, John W., East Palestine, Ohio.
Smith, Julius, Steeleville, Ill.
Smith, J. & Rowley, What Cheer, Iowa.
Smith, Leonard, Evarts, Ky.
Smith, Lewis E., Greentown, Ohio.
Smith, Peter, Bronaugh, Mo.
Smith, Pres., Paradise, Ky.
Smith, Robt., Canton, Ill.
Smith, Robert, Manorville, Pa.
Smith, S. V., Lehigh, Iowa.
Smith, S. W., Poorfork, Ky.
Smith, Thomas, Frugality, Pa.
Smith, Wm., Campton, Ky.
Smith, Wm., McArthur, Ohio.
Smith, W. G., New Goshen, Ind.
Smith, W. H., Paradise, Ky.
Smith, W. L., Eastpoint, Ky.
Smith, W. T., Scranton, Pa.
Smith & Co., Logansport, Pa.
Smith & Ford, Petri Sta., Ky.
Smith & Hawkins, Blacksburg, Va.
Smith & Hodsall, Hawley, Ill.
Smithboro Coal Mining Co., Smithboro, Ill.
Smokeless Coal Co., Denver, Colo.
Smoky Hill Mg. Co., Sugar Loaf, Colo.
Smoky Hollow Coal Co., Avery, Iowa.
Snake Creek Coal Co., Given, Iowa.
Snare, John, Mokena, Ill.
Snider, Edward, Uniontown, Pa.
Snider, John, Uniontown, Pa.
Snider, Wm., Masontown, Pa.
Snider & Hendee, Duncan's Mills, Ill.
Snirer, J. W., Syracuse, N. Y.
Snodgrass, J. T., Conoquenessing, Pa.
Snoke, Daniel, New Philadelphia, Ill.
Snooks, Wm., Newton, Iowa.
Snoqualmie C. & C. Co., Tacoma, Wash.
Snow Shoe Mining Co., Snow Shoe, Pa.
Snowdon, C. L. & Co., Brownsville, Pa.
Snowdon & Hogg, Brownsville, Pa.
Snowy Creek C. & C. Co., Corinth, W. Va.
Snyder, A. G., Indian Camp, W. Va.
Snyder, G. H., Millersburg, Ohio.
Snyder, S. P., Duncan's Mills, Ill.
Soap Creek Coal Co., Foster, Iowa.
Soddy Coal Co., Chattanooga, Tenn.
Soddy Coal, Iron & Ry. Co., Soddy, Tenn.
Somerdale Coal Co., Toledo, Ohio.
Somers Coal Co., Columbus, Ohio.
Somers, Jos., Staunton, Ind.
Somers, J. H., Fuel Co., Cleveland, Ohio.
Somers & Wainwright, Sherodsville, Ohio.
Somerville, Wm., New Franklin, Ohio.
Sommerville, J. T., Snow Shoe, Pa.
Sommerville & Buchannan, Winburne, Pa.
Somner, T., New York.
Sonman Coal Mining Co., Philadelphia, Pa.
Sonman Shaft Coal Co., Altoona, Pa.
Sonman Shaft Co., Cassandra, Pa.
Sorento Coal Co., Sorento, Ill.
Sorento P. & Mg. Co., Sorento, Ill.
Souder & Silo, Philo, Ohio.
South, Jos., Dunkard, Pa.
South, W. W., Dunkard, Pa.
South Bir'gham C. & I. Co., Helena, Ala.
South Buena Vista Land & Improvement Co., Buena Vista, Va.
South End Coal Co., Tallmadge, Ohio.
South Ottumwa Coal & Mining Co., Ottumwa, Iowa.
So. Prairie Coal Co., San Francisco, Cal.
South Valley Coal Co., Petersburg, Ill.
South West Coal Co., Erie, Pa.
South West Coal & Coke Co., Tarrs, Pa.
Southern Cal. C. & C. Co., San F., Cal.
Southern Coal Ass'n, Jellico, Tenn.
Southern Coal & Iron Co., Richmond, Va.
Southern Ind. Mg. Co., Washington, Ind.
Southern Jellico C. Co., Knoxville, Tenn.
Southern Land Imp. Co., Pineville, Ky.
Southern Ohio C. & I. Co., Dayton, Ohio.
Southwest Connellsville Coke Co., Mt. Pleasant, Pa.
Southwest Va. Imp. Co., Pocahontas, Va.
Southwestern Coal Co., Kansas City, Mo.
Southwestern Coal Co., St. Louis Mo.
Southwestern C. Mg. Co., Greenwood, Ark.
Southwestern Coal & Imp. Co., New York.
Southwestern Coal & Iron Co., New York.
Sowards, A. C., Pikeville, Ky.
Sowards, T. J., Pikeville, Ky.
Spahn, Jos., Herman, Pa.
Sparks, Hy., Fielden, Ky.
Sparks, I. N., Fielden, Ky.
Sparks, Julia, Gimlet, Ky.
Sparks & Co., New Burnside, Ill.
Sparland Coal Co., Sparland, Ill.
Sparr, A. A., Steubenville, Ky.
Spaulding Iron Co., Brilliant, Ohio.
Spear, M. M., Lamar, Mo.
Spear & Cowan, Karthaus, Pa.
Speare, Philip, South America, Ill.
Spears, A. L., Jasper, Tenn.
Spears, Samuel, Ward City, Ky.
Spears, Thos., Trisler, Ky.
Speedwell Coal & Coke Co., Coeburn, Va.
Spellman Coal Co., Grape Creek, Ill.
Spence, Jno., Bethalto, Ill.
Spencer, A. D. & F. M., Dunmore, Pa.
Spencer, B. F., Eureka, Iowa.
Spencer, E., Taulbee, Ky.
Spencer, John, Adams, Ky.
Spencer, John, Bethalto, Ill.
Spencer, John C., Hazard, Ky.
Spencer, J. G., Fincastle, Ky.
Spencer, O., Rich Hill, Mo.
Spencer, R. L., Salesville, Ohio.
Spicer, G., Crockettsville, Ky.
Spiller, Geo., Pleasant View, Ill.
Spillers & Allen, Pleasant View, Ill.
Spooner, Geo. C., Philadelphia, Pa.
Spradin, B. F., Denver, Ky.
Spradin, H. G., West Liberty, Ky.
Spradin, J. H. & Co., Prestonburg, Ky.
Sprague & Nickels, Fredonia, Ill.
Spriggs, C. H., Coalville, Utah.
Spring Hill Coal Co., Boston, Mass.
Spring Hill Co., Streator, Ill.
Spring Hill Gas Coal Co., Turtle Creek, Pa.
Spring Mountain Coal Co., Jeansville, Pa.
Spring Valley C. Co., Spring Valley, Ill.
Springer, Wm., Moosic, Pa.
Springer & Gardiner, Worland, Mo.
Springfield Coal Co., Springfield, Ill.
Springfield Coal Co., Springfield, Ohio.
Springfield Coal Mining Co., Pana, Ill.
Springfield Coal Mining & Tile Co., Springfield, Ill.
Springfield Co-Op. C. Co., Springfield, Ill.
Springfield Coal & Ice Co., Springfield, O.
Springfield C. & Mg. Co., Ridgely, Ill.
Springfield Junct. C. Co., Ridgely, Ill.
Springfield Sangamon Coal Co., Springfield, Ill.
Springfield Stark Coal Co., Springfield, Ill.
Springfield & New River Dev. Co., Springfield, W. Va.
Springfield & Pleasant Plains Coal Co., Pleasant Plains, Ill.
Springside Coal Co., Pana, Ill.
Sproal, G. W., Williamsburg, Ky.
Sprole & Harris, Big Stone Gap, Va.
Sprouse, Wm., Camden, W. Va.
Spurrier, B. F., Eureka, Iowa.
Stacey, Jas., Sassafras, Ky.
Stacey, John, Hindman, Ky.
Stacey, Simon, Sassafras, Ky.
Stackhouse, E. S., Shickshinny, Pa.
Stafford, Jesse, Pottstown, Ill.
Stage, G. G., Greenville, Pa.

Sarner, P. B., Stonefort, Ill.
Salsup, Eli, Worthington, Ind.
Salter Coal Co., Columbus, Ohio.
Salter & Essex, New Straitsville, Ohio.
Sambaugh, C., Smith Station, Pa.
Sambaugh, J., Paintsville, Ky.
Sambaugh, J. H., Galen, Ky.
Samper, Jas., Hazelgreen, Ky.
Standard Coal Co., Ltd., Altoona, Pa.
Standard Coal Co., Brookwood, Ala.
Standard Coal Co., Centerville, Iowa.
Standard Coal Co., Jacksonville, Ohio.
Standard Coal Co., Newcomb, Tenn.
Standard Coal Co., Seneca, Ill.
Standard C. & C. Co., Knoxville, Tenn.
Standard C. & C. Co., Williamsport, Pa.
Standard Coke Co., St. Louis, Mo.
Standard Mining Co., Jackson, Minn.
Standfill, W. E., Patterson Creek, Ky.
Stanley, John, Shireoaks, Pa.
Stanley, J. W., Whiteplains, Ky.
Stanley, Mrs. Pollie, Danleyton, Ky.
Stanley & Rognette, Island, Ky.
Stansbury & Watkins, Danville, Ill.
Stanton, A. J., Grantsville, Md.
Stanton, T. J., Bittinger, Mo.
Stanway, Geo., Blair, Ill.
Staples Coal Co., New York.
Stapleton, Eli, Paintsville, Ky.
Star Coal Co., East Bernstadt, Ky.
Star Coal Co., Streator, Ill.
Star C. & C. Co., Glenjean, W. Va.
Star Furnace Co., Jackson, Ohio.
Star Furnace Coal Co., Kilgore, Ky.
Stark & Co., Hymera, Ind.
Starkey, Geo. L., Hopewell Ohio.
Starne, Wm., Spaulding, Ill.
Starne's Coal & Mg. Co., Springfield, Ill.
Starr, R. P., St. John, N. B.
Starr, Samuel, Warfield, Ky.
State Line C. Co., East Palestine, Ohio.
State Line & Sullivan Railroad Co., Towanda, Pa.
States, Samuel, Attica, Iowa.
Statler, E., Elk Lick, Pa.
Statler & Devore, Monday, Ohio.
Staton, Thos., Pleasanton, Kan.
Stauffer, J. R., Upper Tyrone, Pa.
Staunton Coal Co., Charleston, W. Va.
Stay, Abe., Raglesville, Ind.
Stead, Thos., Keslers Cross Lanes, W. Va.
Stears Bros., Kickapoo, Ill.
Stedman, F. W., Albany, N. Y.
Stedman, Samuel H., Chavies, Ky.
Steed, Creighton L., Forest Dale, Ohio.
Steed, H. H., St. Charles, Mo.
Steele, D. C., Coalrun, Ky.
Steele, Geo. C., Corbin, Ky.
Steele, J. W., West Liberty, Ky.
Steele, R. A., Williamsburg, Ky.
Steele, Wm., Coalrun, Ky.
Steen, T. W., Idlewood, Pa.
Steen, W. J., Chartiers, Pa.
Steen & Grenier, Morgan, Pa.
Steen & Son, Mansfield Valley, Pa.
Steffy, A., Clarksburg, Pa.
Steinberger, M. L., Jackson, Ohio.
Stellar, S. N. & Co., Old Forge, Pa.
Stemp, J., Leonard, Ky.
Stephelton, S., Backbone, Ky.
Stephelton, Wm., Backbone, Ky.
Stephen & Lambert, Bland, Va.
Stephen & Tanssig, St. Louis, Mo.
Stephens, Robt., Birmingham, Ala.
Stephens, R., Ensley, Ala.
Stephenson & Keck, Minerton, Ohio.
Stephenson & Watson, Wyoming, Ill.
Sterling Coal Co., Philadelphia, Pa.
Sterling C. & C. Co., Colt, W. Va.
Sterling, J. C., Raglesville, Ind.
Sterling Mining Co., Cannelton, Pa.
Sterling Mining Co., Cleveland, Ohio.
Steubenville Coal Co., Steubenville, Ky.
Stevens, A. A., Dysart, Pa.
Stevens Coal Co., Exeter, Pa.
Stevens C. & C. Co., Coalburg, W. Va.
Stevens, H. H., Brownington, Mo.
Stevens, Walter, Olio, N. Mex.
Stevens & Wagle, Colchester, Ill.
Stevic, Frank, Baldwin, Pa.
Stevrick Creek Coal Co., Scranton, Pa.
Steward, Chas., Staunton, Ind.
Stewart, Chas., Dunkard, Pa.
Stewart Coal Co., Anchor, Ill.
Stewart Coal Co., Erie, Colo.
Stewart Iron Co., Uniontown, Pa.
Stewart, James, Manordale, Pa.
Stewart, Jno., Alsey, Ill.
Stewart, J. N., Huntsville, Mo.
Stewart, Robert, North Liberty, Pa.
Stewel & Co., Coal Hill, Ark.

Stidham, W. A., Harrisburg, Mo.
Stiff, Moses, Flushing, Ohio.
Still, W. A. & J. A., Boston, Mass.
Stillwagon, Clair & Co., Connellsville, Pa.
Stillwagon, W. P., Connellsville, Pa.
Stillwell & Co., Little Rock, Ark.
Stine, A., Coalville, Iowa.
Stine, Albert, Fort Dodge, Iowa.
Stineman Coal Co., Philadelphia, Pa.
Stitzel, H., Staunton, Ind.
Stockdale Coal Co., Pittsburg, Pa.
Stockdale, P., Canal Dover, Ohio.
Stockdick, A. & Co., Milledgeville, Iowa.
Stocker, J. F., Arenzville, Ill.
Stockton, Frank, Ray, Ill.
Stockton, G. L., Tamaroa, Ill.
Stoddard & Turner, Farmington, Iowa.
Stoddart Coal Co., Pottsville, Pa.
Stoke, W. G., Leaman, Ill.
Stokoe Hill Coal Co., Nelsonville, Ohio.
Stone, Allen, Goodloe, Ky.
Stone Bros., Cedar Run, Ohio.
Stone, Enoch, Gypsy, Ky.
Stone Fort Mining Co., Stone Fort, Ill.
Stone, J. E., Beespring, Ky.
Stone, J. W., Perche, Mo.
Stone, Morgan, Goodloe, Ky.
Stone, M. D., Coalrun, Ky.
Stone, N., Prestonburg, Ky.
Stone, Noah, Dotson, Ky.
Stone, Stephen, Salem, Ohio.
Stone, Wm., Springgrove, Ky.
Stone, W. E., Pincher Creek, N. W. T.
Stone, W. H., Boonville, Ind.
Stone & Nimmo, McKeesport, Pa.
Stone & Wilson, Middle Fork, N. W. T.
Stoneking, D., Pleasant View, Ill.
Stoner, J. O., Berlin, Pa.
Stoner, J. R., Fertigs, Pa.
Stoneware Pipe Co., East Alton, Ill.
Stormont Mining Co., Philadelphia, Pa.
Stotts, C. L. & Co., Pittsburg, Kan.
Stouffer & Wylie, Everson, Pa.
Stout, M. J., Fairview, Ill.
Stover Coal Mining Co., Versailles, Mo.
Stovill, P., Earles, Ky.
Strait Creek Coal Co., Denton, Ky.
Strange & Son, Madrid, Iowa.
Stratton, Hinkle & Stratton, Empire, Ohio.
Stratton, J. J., Laynesville, Ky.
Stratton, W., Laynesville, Ky.
Strauch & Williams, Scranton, Pa.
Strausburg & Watkins, Danville, Ill.
Strawbinger, C., French Village, Ill.
Streator Clay Mfg. Co., Streator, Ill.
Streator Coal Co., Cincinnati, Iowa.
Stretch, E., Shelbyville, Ill.
Stretch, Frank, Shelbyville, Ill.
Strickland, G., Dunksburg, Mo.
Strickler, H. W., Pittsburg, Pa.
Strickler, I. A., Coke Co., Pittsburg, Pa.
Strider, J. M., Pomeroy, Ohio.
Striker, W., Okawville, Ill.
Strobley, Jas., Salineville, Ohio.
Strode, Jesse, Bernadotte, Ill.
Strond, B. N., Centertown, Ky.
Strong, John, Sturgeon, Ky.
Strong, Thos., Taulbee, Ky.
Strong, Wm., Crockettsville, Ky.
Stroud & Chamberlain, Carbondale, Pa.
Stuckey, A. W., Raglesville, Ind.
Studabaker, J. M. & J. H., Jacksville, Pa.
Stuffle, James, Raglesville, Ind.
Stule, Daniel, Proctor, Ky.
Stull & Childress, Nortonville, Ky.
Stuller, Samuel, Dresden, Ohio.
Stumbo, G., McDowell, Ky.
Stumbo, Wm., McDowell, Ky.
Stump, Jas. H., Coalrun, Ky.
Sturdivant, Geo. U., Pottsville, Pa.
Sturgis Coal & Coke Co., Sturgis, Ky.
Sturia Coal Co., San Francisco, Cal.
Sturman Bros., Burlingame, Kan.
Sturtevant, J. C., Lamar, Mo.
Sublett, J., Cruseton, Ky.
Sublett, M. L., Paintsville, Ky.
Sufferin, W. B., Coal City, Ill.
Sugar Creek Coal Co., Auburn, Ill.
Sugarite Coal Co., Raton, N. Mex.
Sullivan Bros., Hecksherville, Pa.
Sullivan, Cornelius, Finney, Ill.
Sullivan & Cheney, Rich Hill, Mo.
Summers, M. A., Skilesville, Ky.
Summers, Thos., Earles, Ky.
Summerson, Robt., Coal Valley, Ill.
Summit Bank Coal Co., Akron, Ohio.
Summit Branch Railroad Co., Wilkes-Barre, Pa.
Summit Coal Co., Bloomfield, Ind.
Summit Coal Co., Otley, Iowa.
Summit Coal & Coke Co., Hastings, Pa.

Sun Coal Co., St. John, Ill.
Sun Coal & Coke Co., Sunfield, Ill.
Sundance Ry. & Mg. Co., Sundance, Wyo.
Sunday Creek Coal Co., Columbus, Ohio.
Sundlie, Louis, McKee, Ky.
Sunnyside Coal & C. Co., Evansville, Ind.
Superior Block Coal Co., Brazil, Ind.
Superior Block Coal Co., Darlyville, Iowa.
Superior Coal Co., Jackson, Ohio.
Superior Coal Co., Oskaloosa, Iowa.
Superior Coal Mg. Co., St. Louis, Mo.
Superior Mining Co., Akron, Ohio.
Surriness, Jacob, Wympsgap, Pa.
Susquehanna Coal Co., Philadelphia, Pa.
Sutherin Mining Co., Negley, Ohio.
Sutton, J., Youngs Creek, Ky.
Swab, L., Stanton, Pa.
Swallow, C. M., Glenburn, Ill.
Swan Mine, Swan, Iowa.
Swan, Thos., Monmouth, Ill.
Swango, G. B., Hazelgreen, Ky.
Swank, Noah, Zanesville, Ohio.
Swansea Coal Co., Coeburn, Va.
Swanson, A., Cable, Ill.
Swanson, C. A., Table Grove, Ill.
Swanson, John, Danville, Ill.
Swanson, Jno. & Co., Canton, Ill.
Swanson, Jos., Wyoming, Ill.
Swapsber, J., Haystack, Ky.
Swaringer, M., Sylvania, Mo.
Sweet, W. H., Dudley, Pa.
Sweet & Brown, Philadelphia, Pa.
Sweet Water Coal Co., Sweet Water, Ill.
Sweetwater C. Mg. Co., Rock Spgs., Wyo.
Swetman, M. T., Wilbur, Ky.
Swires, J. & Co., Philipsburg, Pa.
Switzer, J. H. & Sons, Scrubridge, Pa.
Swope, Frank S., Zanesville, Ohio.
Sword, J. M., Pikeville, Ky.
Swoyer, J. H. & Co., Luzerne, Pa.
Syack, R., Pikeville, Ky.
Syddall, Nathan, North Alton, Ill.
Sydney & Louisburg Coal Co., Lorway Mines, N. S.
Sylvester Coal Co., St. Louis, Mo.
Symington, R. B., New Whatcom, Wash.
Tackett, Laura, Sturgeon, Ky.
Taggart, W. S., Barton, Ohio.
Tague, M. & P., McLuney, Ohio.
Tallula Coal Mg. Co., Tallula, Ill.
Tappin, H., North Industry, Ohio.
Tarpley, Benj., Quitman, Mo.
Tate, J. W., Higginsville, Mo.
Taulbee, E., Hazelgreen, Ky.
Taulbee, J. P., Taulbee, Ky.
Taulbee, Silas, Taulbee, Ky.
Taulbee, S. S., Taulbee, Ky.
Taylor, Amos, County Line, Iowa.
Taylor Coal Co. of Ky., Louisville, Ky.
Taylor, Eugene, Axial, Colo.
Taylor, E. S., Dunkard, Pa.
Taylor, E. V., Island City, Ky.
Taylor, F. D., New Chicago, Mont.
Taylor, G. W., Cortez, Colo.
Taylor, H. L., Woodbine, Ky.
Taylor, H. & J., Wataga, Ill.
Taylor, Isaac, Fayetteville, Ark.
Taylor, Isaac, & Co., Connellsville, Pa.
Taylor, J. & Co., Ashland, Pa.
Taylor, J., Blandinsville, Ill.
Taylor, J., O'Fallon, Ill.
Taylor, Jos., Knuckles, Ky.
Taylor, J. C., Beauty, W. Va.
Taylor, Myles A., Caneyville, Ky.
Taylor, Norman, Oakland City, Ind.
Taylor, Samuel, Galen, Ky.
Taylor, S. M., Hawksnest, W. Va.
Taylor, T., Cedar City, Utah.
Taylor, Wm., Bannock, Ohio.
Taylor, W. A., Paris, Ohio.
Taylor, W. F., Martinsburg, Mo.
Taylor, Z., Eversole, Ky.
Taylor & McCoy Coal & Coke Co., Hollidaysburg, Pa.
Taylorsville Coal Co., Taylorsville, Ill.
Teasdale, Robt., Wheeling, W. Va.
Teatze, A. J., Friendsville, Md.
Tebner Bros., Henderson, W. Va.
Tebo Coal Mg. Co., Lewis Station, Mo.
Tebo Coal & Mg. Co., Savanna, Ind. T.
Teegarden Coal Co., Chicago, Ill.
Teeler, D., Reynerd, Mo.
Telfer, Alexander, Morris, Ill.
Telfer, John, Morris, Ill.
Temple Bar Mg. Co., San Diego, Tex.
Tennessee Coal, Iron & Railway Co., Nashville, Tenn.
Tennessee C. Mg. Co., Knoxville, Tenn.
Tensley, F. G., Atascosa, Tex.
Terre Coal Co., Lenzburg, Ill.
Terrel, Albt., Canton, Ill.

COAL—Continued.

Terrill, John W., Slater, Mo.
Terry, G. W., Woodbury, Ky.
Terwilliger, L., Six Points, Pa.
Test & Lisle, Huntington, Ore.
Texas C. & C. Mg. Co., San Antonio, Tex.
Texas Coal & Fuel Co., Weatherford, Tex.
Texas & Pacific C. Co., Ft. Worth, Tex.
Thacker Coal & Coke Co., Thacker, W. Va.
Tharp, Jas., Pleasantridge, Ky.
Thelton, Alex., Helton, Ky.
Thelton, Jas. G., Helton, Ky.
Thelton, J. J., Helton, Ky.
Thestle Coal Co., Cincinnatti, Iowa.
Thirwall, Robt., Canton, Ohio.
Thomas, Benj., Meyersdale, Pa.
Thomas Bros. Coal Co., What Cheer, Iowa.
Thomas Coal Co., Birmingham, Ala.
Thomas Coal Co., Philadelphia, Pa.
Thomas Coal & Mg. Co., Evansville, Ind.
Thomas, D. P., Ferguson, Mo.
Thomas, Ed., Carbondale, Ind.
Thomas, Geo., Morgantown, Ky.
Thomas, H. & Co., Cuyahoga Falls, Ohio.
Thomas, Hy. & Co., Tallmadge, Ohio.
Thomas, H. M., New Chicago, Mont.
Thomas, James, Danville, Ill.
Thomas, J., Bucoda, Wash.
Thomas, J. H., Oak Hill, Ohio.
Thomas Press Brick Co., Brussels, Ill.
Thomas-Scholz Coal Co., Mammoth, W. Va.
Thomas, Thomas, Catlin, Ill.
Thomas, Wm. H., Carbondale, Kan.
Thomas, W. L. & Co., Tallmadge, Ohio.
Thomas, William R., Youngstown, Ill.
Thomas & Lomax, Hawksnest, W. Va.
Thompson, Al., Russell, Ky.
Thompson, A. J., Busseyville, Ky.
Thompson, Bryant, South America, Ill.
Thompson Coal Co., Aetnaville, Ky.
Thompson Hill Mining Co., Clinton, Ind.
Thompson, Jas., Clay, Ky.
Thompson, John & Co., Brownington, Mo.
Thompson, J. M., Murrinsville, Pa.
Thompson, J. N., Whitesburg, Ky.
Thompson, M. O., Winslow, Ind.
Thompson, Norman, Honaker, Va.
Thompson, R. P., Slater, Mo.
Thompson Run Coal Co., New Castle, Pa.
Thompson, Thos., Pikeville, Ky.
Thompson, Wm., Zebulon, Ky.
Thompson & Hiatt, St. Clair, Pa.
Thompson & Stephany, Tunnel, Iowa.
Thorn, Chas., Ceylon, Pa.
Thorn, D. W., Streator, Ill.
Thornberg, Roster & Co., St. Joseph, Mo.
Thorp, J. R., Dale, Ind.
Thorp & Shipper, Maholm, Ohio.
Thorsen, T. L., Morris, Ill.
Three Bros. Mining Co., Ponca, Neb.
Thropp, Jos. E., Kearney, Pa.
Thunderbolt Mining Co., Chicago, Ill.
Thurman, E. H., Hume, Mo.
Thurmond C. & C. Co., Thurmond, W. Va.
Thurston, Hiram, Wyoming, Ill.
Tibbits & McMullen, Kewanee, Ill.
Tichenor, J. P., Centertown, Ky.
Tide Coal Co., Pittsburg, Pa.
Tide Water Coal Co., Tidewater, W. Va.
Tide Water C. Co., Tuscaloosa, Ala.
Tidman, John, Tracy City, Tenn.
Tilden Coal Co., Tilden, Ill.
Tillotson, Jas., Hebbardsville, Ky.
Timmons & Martin, Fort Dodge, Iowa.
Timon, J. H., Riverton, Ore.
Tincher, John, Rousseau, Ky.
Tinchner, Eugene, New Wilmington, Pa.
Tinger, F. H., Hindman, Ky.
Tinsman, A. C., Pittsburg, Pa.
Tipper, W. H., Cassandra, Pa.
Tippett, Wm., Marion, Ill.
Tipton Coal Co., Brazil, Iowa.
Tipton Coal Co., Philadelphia, Pa.
Tobias, Jno., Barry, Pa.
Toby, John, Grundy, Ky.
Todd Coal Co., Englevale, Kan.
Todd, Fred. C. & Co., Philipsburg, Pa.
Todd, J. C., Relief, Ky.
Todd, Ralph, Kewanee, Ill.
Todd & Co., Lead Mine, Mo.
Toland, Daniel, Lost Creek, Pa.
Toledo Dock & Coal Co., Toledo, Ohio.
Tom Corwin Coal Co., Corwin, Ohio.
Toph, J. H., Danville, Ill.
Torchlight Coal Co., Louisa, Ky.
Torey Coal & Mg. Co., Clinton, Ind.
Totten, C. M., Dennison, Ohio.
Towanda Coal Co., Barclay, Pa.
Townley C. & C. Co., Jasper, Ala.
Townsend Coal Co., Port Townsend, Wash.
Townsend, Wm., Bowen, Ky.
Trade Water C. & C. Co., Sturgis, Ky.
Traister, J., Jr., Lawsonham, Pa.
Traley, J. W., Ward City, Ky.
Travis, G. V., Wilbur, Ky.
Travis, Jos., Liberal, Mo.
Traxel, W., Parmleysville, Ky.
Treadway, Jas., Treadway, Ky.
Treadway, J. M., Treadway, Ky.
Treadway, Robt., Treadway, Ky.
Treadwell, Jas., Tracy, Cal.
Treadwell, T., Corral Hollow, Cal.
Treasure, E. S., McDowell, Ky.
Treasure, Thos. & Sons, Essex, Ill.
Treasure, Walter, Bartonville, Ill.
Tremont Coal Co., Philadelphia, Pa.
Trescott Mg. & Mfg. Co., West Lubec, Me.
Tressie C. Mg. Co., St. Elmo, Colo.
Trill Bros., Rockbridge, Ill.
Trill, Chas., Chesterfield, Ill.
Trimble, J. M., Barnetts Creek, Ky.
Trimble, Wm., Barnetts Creek, Ky.
Trimble, W. F., Otsego, Ohio.
Trinidad C. & C. Co., Trinidad, Colo.
Trinidad Fuel Co., Trinidad, Colo.
Triplett, John, Brazil, Ind.
Tripp, Jas., Carrollton, Ohio.
Tripp & Co., Scranton, Pa.
Trolls, C., Sons, Neff's Siding, Ohio.
Tropic Iron Co., Jackson, Ohio.
Trotter, Jas. C., Salem, Ohio.
Trout, Lester, Staunton, Ind.
Troutman, May & Co., Shamokin, Pa.
Truitt & Israel, Roodhouse, Ill.
Truman, J., Dugger, Ind.
Trumbull Mg. Co., Jackson, Mich.
Trussville Fur. & Mg. Co., Trussville, Ala.
Tschappatt, Edward, Powhatan Point, O.
Tudor, Jenkins Coal Co., Dawson, Iowa.
Tug River Coal & Salt Co., Warfield, Ky.
Tukesperry, John, Minor, W. Va.
Tulley, P., Brimfield, Ill.
Tupelo Coal Co., Nauvoo, Ala.
Turkey Gap Coal & C. Co., Ennis, W. Va.
Turley, Washington, Rome, W. Va.
Turnbull, Jas. & Co., Bellaire, Ohio.
Turnbull, Thos., Packwood, Iowa.
Turner, A., Evarts, Ky.
Turner, C. C., Cleopatra, Ky.
Turner Coal Co., Birmingham, Ala.
Turner Coal & Coke Mg. Co., Ferris, Pa.
Turner, E., Crockettsville, Ky.
Turner, E. C., McDowell, Ky.
Turner, Hy., Centropolis, Kan.
Turner, H. D. & Co., Columbus, Ohio.
Turner, Jas., Evarts, Ky.
Turner, Jas., Farmington, Iowa.
Turner, Jas., Nanticoke, Pa.
Turner, John, Lackey, Ky.
Turner, J. M., Blairsville, Pa.
Turner, J. W., Norborne, Mo.
Turner, M., McDowell, Ky.
Turner, Tom, Middlefork, Ky.
Turner, Wm., Shambaugh, Iowa.
Turner & Fulk, Shambaugh, Iowa.
Turney, Barey, Crockettsville, Ky.
Turney, H. D., Shawnee, Ohio.
Tussey, Jake, Middlefork, Ky.
Tutwiler, E. M., Brookside, Ala.
Tweed, J. D. & Son, Steubenville, Ohio.
Twin City Mg. Co., Denison, Ohio.
Twomley & Lewis, Coal Valley, Ill.
Tye, H. C., Lot, Ky.
Tyffe, J., Riddle, Ky.
Tyler, Hon. J. Hoge, Churchwood, Va.
Tyler, S. M., Hazelgreen, Ky.
Tyler & Hurt, Dublin, Va.
Uhe & Soper, Perry, Ill.
Ulery, Wm., Adah, Pa.
Ulrich, J. H., Springfield, Ohio.
Umdenstock, Mrs. H., Arvonia, Kan.
Underwood, Jno. M., Paonia, Colo.
Underwood, Richard, Burlingame, Kan.
Underwood, W. T., Earles, Ky.
Union Coal Co., Cerrillos, N. M.
Union Coal Co., Cuba, Ill.
Union Coal Co., Erie, Pa.
Union Coal Co., La Salle, Ill.
Union Coal Co., Massillon, Ohio.
Union Coal Co., Montgomery, W. Va.
Union Coal Co., Pittsburg, Ky.
Union Coal Co., Mt. Pulaski, Ill.
Union C. Co., Tranceville Junction, Colo.
Union Coal & Coke Co., Greenville, Pa.
Union Coal & Iron Co., Coaltown, Pa.
Union Coal & Mg. Co., Evansville, Ind.
Union Colliery Co. of B. C., Ltd., Victoria, B. C.
Union Fire Clay & Stone Co., Teegarden, O.
Union Mg. Co., Baltimore, Md.
Union Pacific Coal Co., Omaha, Neb.
United Coal Co., Denver, Colo.
United Coal & Coke Co., United, Pa.
United Collieries Co., Philadelphia, Pa.
United Ice & Coal Co., Colo. Srgs., Colo.
United States C. & Mfg. Co., Harding, W. Va.
United States F. Clay Co., Pittsburg, Pa.
Upland C. & C. Co., Elkhorn, W. Va.
Upper Lehigh Coal Co., Upper Lehigh, Pa.
Upper Pigeon Run Coal Co., Massillon, O.
Upson Coal Co., Shawnee, Ohio.
Upton, E. M., Coal Co., Rochester, N. Y.
Urey Ridge Coal Co., Urey, Pa.
Urmson, Ralph, Beloit, Ohio.
Ute C. & C. Co., Durango, Colo.
Va. & Ala. C. Co., Birmingham, Ala.
Valley Coal Co., Cleveland, Ohio.
Valley Coal & Lime Co., Pittsburg, Pa.
Valley Coal & Mg. Co., Mahoning, Pa.
Valley Mg. Co., Mahoning, Pa.
Valley & Gulf Coal Co., Sparta, Ill.
Van Bushkirk, A., Cretcher, Mo.
Van Dyke Coal & Mg. Co., Rock Spgs., Wyo.
Van Gent & Dixon, Ottumwa, Iowa.
Van Ginkel Coal Co., Des Moines, Iowa.
Van Meter Coal & Mg. Co., Van Meter, Ia.
Van Name, D., New York.
Van Roy, J., Pleasant View, Ill.
Van Velzor, Fred., Mineral, Ill.
Van Wickle, A. S., Milnesville, Pa.
Van Winkle, A. S. & Co., New York.
Van Winkle, Jno. A., Swan Creek, Ill.
Vance, J. A., Amoret, Mo.
Vance, O. N., Eddyville, Iowa.
Vancouver Coal Mg. Co., Nanaimo, B. C.
Vandalia Coal Co., Vandalia, Ill.
Vandalia Coal Co., Vandalia, Mo.
Vanderventer Coal Co., St. Louis, Mo.
Vanderventer, John, Bush, Ky.
Vangilder, Geo., Forksburg, W. Va.
Vanleer, Jno., Marion Center, Pa.
Vanniece, G. A., Vista, Mo.
Varner, Solomon, Hopewell, Ohio.
Varner, Wilson, Marietta, Ill.
Vaughn, G., Needmore, Ky.
Vaughn Mining Co., Annville, Ky.
Vernon Coal Co., Colfax, Ill.
Vest, G. W., Mineral City, Ind.
Vest, L. H., Colchester, Ill.
Vesta Coal Co., Pittsburg, Pa.
Vicary, Henry, Peoria, Ill.
Vickery Bros., Peoria, Ill.
Victor Coal Co., Horse Creek, Ala.
Victor Coal Co., Philadelphia, Pa.
Victor Coal Co., Roodhouse, Ill.
Victor Coal & Coke Co., Denver, Colo.
Victoria Coal Co., East Bernstadt, Ky.
Victoria Coal Mines, Victoria, N. S.
Victoria Con. Co., Pittsburg, Ky.
Vigo Coal Co., Chicago, Ill.
Viles, Thos., Davenport, Ky.
Villers, Sam'l., McMechen, W. Va.
Vincennes Coal Co., Vincennes, Ind.
Vincent Bros., Pittsburg, Kan.
Vinton Colliery Co., New York.
Vinton Colliery Co., Vintondale, Pa.
Viponel, R. L. & I., Montreal, Que.
Virden Coal Co., Virden, Ill.
Virginia Coal Co., Philadelphia, Pa.
Virginia Coal Co., Virginia, Ill.
Virginia C. & C. Co., Richmond, Va.
Virginia Coal & Coke Co., Shaw, W. Va.
Virginia C. & I. Co., Big Stone Gap, Va.
Virginia Eggett Coal Co., Charleston, W. Va.
Virginia Gas Coal Co., Philadelphia, Pa.
Virginia Hard Coal Co., Radford, Va.
Virginia & Ala. Coal Co., Patton, Ala.
Virginia & Pittsburg C. & C. Co., Pittsburg, Pa.
Vogel, H., Lacona, Iowa.
Vogele, G., Wilkinsburg, Pa.
Vogt, Leon, Shawneetown, Ill.
Volcanic Coal Co., Philadelphia, Pa.
Vonach, Fred., Coal Valley, Ill.
Vorhees, Arthur, Pomeroy, Colo.
Vose, David, Laplata, Mo.
Vulcan Coal Co., New Castle, Colo.
Vulcan Coal & Coke Co., Madera, Pa.
Wabash Coal Co., Lyford, Ind.
Wabash Coal Co., Quincy, Ill.
Waddell, Est. of Thos., Luzerne, Pa.
Waddell, W. A., Kirkville, Iowa.
Waddle Bros., Strasburg, Ohio.
Wade, A. B., Shack Mills, Va.
Wade Coal Co., Cleveland, Ohio.
Wade, Joseph, Fancher, Ill.
Wade, J. H., Morgantown, Ky.
Wade, O. F., Morgantown, Ky.
Wadeson, H. T., Sims, N. D.
Wadkins, H., Trussville, Ala.
Waetzig, Arthur, Carbondale, Kan.

Waggoner, J. J., Akron, Ohio
Wagner, Dennis, Elk Lick, Pa
Wagner, J. A., Canal Dover, Ohio
Wagner, T., Coalrun, Ky
Wagstaff, F., Murrayville, Ill
Wainwright Coal Co., Wellston, Ohio
Waitley, Roger, Banksville, Pa
Wakefield, Geo., Colchester, Ill
Wakefield Iron & Coal L. Imp. Co., Llano, Tex
Waldbleig, J. & Co., Drummond, Mont
Walden's Ridge C. Co., Chattanooga, Tenn.
Waldron, David, & Co., Carterville, Ill
Wales, Hammon & Collat, New Lexington, Ohio
Walhalla Mg. Co., Indianapolis, Ind
Walker, C. P., Benjamin, Ind
Walker, Franklin, Jr., Paris, Ohio
Walker, Geo., Craig, Colo
Walker, Geo. K., Elk Lick, Pa
Walker, H., Newton, Iowa
Walker, Walter, Victoria, B. C
Walker, Wm., Debord, Ky
Walkins, Thos., Tacy, W. Va
Wallace Coal Co., Columbus, Ohio
Wallace, D. W., New Burnside, Ill
Wallace, James, Staunton, Ind
Wallace, Jno., Raymilton, Pa
Wallace, Jos. T., Beda, Ky
Wallace Mg. & Mfg. Co., Hammondsville, Ohio
Wallace & Brooks, Nelsonville, Ohio
Wallace & Sons, Toronto, Ohio
Wallahan, A. G., Lay, Colo
Walls, Peter, McClellan, W. Va
Walnut Block Coal Co., Centerville, Iowa
Walnut Creek Coal Co., Mystic, Iowa
Walnut Hill Coal Co., Birkner, Ill
Walnut Hill Coal Co., St. Louis, Mo
Walnut Hill Coal Co., Midway, Pa
Walnut Land & Coal Co., St. Louis, Mo
Walnut Valley Coal Co., St. Louis, Mo
Walsh, Andrew, Monmouth, Ill
Walsh, David, Milan, Ill
Walsh, James, Alsey, Ill
Walsh, John, Williamsfield, Ill
Walt, Alex., Ingleside, Pa
Walter, J. M., Ward City, Ky
Walter, M. M., Blaine, Ky
Walter, W. H., Ward City, Ky
Walter & Ferris C. Co., Youngstown, Ohio
Walters J. F., East Lewistown, Ohio
Walton, A., Princeton, Ill
Walton Bros., Fairbury, Ill
Walton, Francis, Barnesville, Ohio
Walton, Jos. & Co., Louisville, Ky
Walton, Thos., Lexington, Mo
Walton, J. & Co., Pittsburg, Pa
Walwork, Jno., Zanesville, Ohio
Wampum Run Coal Co., Wampum, Pa
Wangaman, B. W., West Valley, Pa
Wanless, Robt., Providence, Ky
Wantling & Son, Pottstown, Ill
Wapello Coal Co., Hiteman, Iowa
Warburton, Richard, New Berlin, Ohio
Ward, C. & Co., Filley, Mo
Ward, Grene, Ward City, Ky
Ward, Jas., Boons Camp, Ky
Ward, J. M., Inez, Ky
Ward, J. M., Syracuse, N. Y
Ward, J. V., Ward City, Ky
Ward, M. H., Ready, Ky
Ward, S. W., Ward City, Ky
Ward, W. J., Ward City, Ky
Wardell, T. E., Macon, Mo
Ware, G. W., Chattanooga, Tenn
Warferton & Tate, Van Ormer, Pa
Warnack, J. D., Prosperity, Mo
Warnack & Co., W. Liberty, Ky
Warner Coal Co., Mineral Ridge, Ohio
Warner, C. E., New Philadelphia, Ohio
Warner, N. E., Bunkerhill, Kan
Warrick, Wm., Wright, Ky
Warrior C. & C. Co., Coaldale, Ala
Warrior River C. Co., Clements Sta., Ala
Warrior Run Coal Co., Wilkes Barre, Pa
Warstler, Christian, Canton, Ohio
Warwick, Chas., Grantsville, Md
Warwick Coal Co., Massillon, Ohio
Washington Coal Co., Roscoe, Pa
Washington C. & C. Co., Pittsburg, Pa
Washington Furnace Co., Samsonville, O
Wass, W. & Son, Mineral Spring, Md
Wataga Brick & Tile Co., Wataga, Ill
Wataga Coal Mg. Co., Wataga, Ill
Waters, J. D., Ferguson, Mo
Watkins Coal Co., Joplin, Mo
Watkins, Sam'l., Carbondale, Kan
Watkins, Wm., Osceola, Mo
Watkins & Daniel, Mineral Ridge, Ohio
Watkins & Dunnagan, Morganfield, Ky

Watson Bros., Beaver Falls, Pa
Watson Coal Mg. Co., Bevier, Mo
Watson, Geo., Wyoming, Ill
Watson, I., Caney, Ky
Watson, John, Eaton, Colo
Watson, John, Lowe, Ky
Watson, Jos. & Co., Pittsburg, Pa
Watson, Little & Co., Chicago, Ill
Watson Mg. Co., Pittsburg, Pa
Watson Mg. & Mfg. Co., Monongahela, Pa.
Watson, W. L., Collinsville, Ala
Watson & Co., Turner, Ind
Watson & Lund, White Oaks, N. Mex
Watson & Morgan, Snow Shoe, Pa
Watts Coal Co., Lewistown, Ill
Watts C. & I. Co., Warrior, Ala
Watts, Geo., Danville, Ill
Watts, H. D., Worthington, Ind
Watts, Sam'l., Lewistown, Ill
Waverly Coal Co., Pittsburg, Pa
Waverly Coal & Coke Co., Smithton, Pa
Waverly Coal & Mg. Co., Waverly, Mo
Way, Bengerman, Turkey City, Pa
Wayne Dotte Coal Co., Nyesville, Ind
Wayton, R. R. & Son, New York
Wear Coal Co., Topeka, Kan
Wearmouth, Thos., Youngstown, Ill
Weaver, C. B., Wellsville, Ohio
Weaver Coal & Mg. Co., Brazil, Ind
Weaver, Henry E., Chicago, Ill
Weaver, J. H., Philadelphia, Pa
Weaver, J. M., Leithsville, Pa
Weaver & Ettia, Oshanter, Pa
Weber Coal Dept. Ont. S. Mg. Co., Salt Lake City, Utah
Webb, D. F., Backbone, Ky
Webb, D. W., Maggard, Ky
Webb, J. C., Webbville, Ky
Webb, Taylor, Galen, Ky
Webb, Thos., Sr., Warfield, Ky
Webb & Ferguson, Steelville, Mo
Webster Coal Co., Kalo, Iowa
Webster Co. C. & L. Co., Ft. Dodge, Iowa.
Webster, Elisha, Farmington, Ill
Webster, J. E., Dillon, Ohio
Webster Mg. Co., Philadelphia, Pa
Webster, Thos., Buffalo, Iowa
Webster, Wm., Sandstone, Mich
Weddington, Wm., Sandyhook, Ky
Weddington, W. A., Coalrun, Ky
Wees, George, Mt. Hope, W. Va
Wegar, S., Flat Rock, Ill
Weinman Bros., Wilkinsburg, Pa
Weinsheimer, A. B., Wadsworth, Ohio
Weir Bros., Weir, Kan
Weir City Coal Co., Weir, Kan
Weir & Lively, Preston, Ill
Weiss, Anthony, Welcome, Ohio
Weiss, Nicholas & Sons, Belleville, Ill
Weitzel, Wm., Minersville, Kan
Welch, Andrew, Monmouth, Ill
Welch Bros., Atkinson, Ill
Welch, J., Truro, Ill
Weldon & Merrill, Springfield, Ohio
Wellington Coal Co., Wellington, Mo
Wellington C. & C. Co., Fairmont, W. Va.
Wells, A. H., Nelsonville, Ohio
Wells, E., Fielden, Ky
Wells, E. B., W. Liberty, Ky
Wells, H. & Son, Pottstown, Pa
Wells, Jas., East Point, Ky
Wells, Jos., Fielden, Ky
Wells, J. G., Ward City, Ky
Wells, J. K., New York
Wells, J. S., Wellington, Ky
Wells, T. J., Windsor, Mo
Wells, Wm. A., Boons Camp, Ky
Wells & Parker, White Oaks, N. Mex
Wellston Coal Co., Chillicothe, Ohio
Welsby, Thomas, Rockland, Pa
Welsh Bros., Barton, Md
Welsh Coal Co., Pittsburg, Ky
Welsh, Robt., Marietta, Ill
Welsh, T. F., Newton, Iowa
Wenona Coal Co., Wenona, Ill
Wentworth Mg. & Imp. Co., Wentworth, Mo.
Wentz, J. S. & Co., Mauch Chunk, Pa
Werner, Wm. A., Zanesville, Ohio
Wesley-Union Fuel Co., Peoria, Ill
West Branch C. & I. Co., Glen Union, Pa.
West Canton Coal Co., Canton, Ill
West, Chas., Staunton, Ind
West End Coal Co., Wilkes Barre, Pa
West End Coke Co., Tunnelton, W. Va
West Fairmont C. & C. Co., Fairmont, W. Va.
West Fork C. & C. Co., Clarksburg, W. Va.
West Massillon C. Co., Massillon, Ohio
West Newton Coal Co., West Newton, Pa.
West Penn Coal Co., Philadelphia, Pa
West Penn C. & C. Co., Leechburg, Pa
West Ridge Coal Co., Scranton, Pa

W. Va. Central & Pitts. Ry. Co., Baltimore, Md
West Va. Coal Wks., New Haven, W. Va.
West Va. Coal & Coke Co., Glenville, W. Va.
West, Wm. A., Philadelphia, Pa
West Wellington Coal Co., Nanaimo, B. C.
Westerman, Filer & Co., Grove City, Pa
Western Anthracite Coal Co., St. Louis, Mo.
Western Coal Co., Colorado Springs, Colo.
Western Coal & Lime Co., Kansas City, Mo.
Western Coal & Mg. Co., St. Louis, Mo
Western Fuel Co., Osage, Kan
Western Fuel Co., Pueblo, Colo
Western Ind. Coal Co., Fontanet, Ind
Westmoreland Coal Co., Philadelphia, Pa.
Westside Coal Co., Jermyn, Pa
Westville Coal Co., Westville, Ill
Westwood Coal Co., Philadelphia, Pa
Wetheran, C. R., Ligonier, Pa
Weylandt, A., Bowerston, Ohio
Weymouth, Hopkins, Clarence, Pa
Whalem, R. D., Mystic, Iowa
Whalen, Fergus, Tennessee, Ill
Whalen, Michael, Colchester, Ill
Whalen, Peter, Colchester, Ill
Whalen, Robt., Colchester, Ill
Whallon, Jos., Staunton, Ind
What Cheer Coal Co., St. Paul, Minn
Wheaton, Morgan, Millersburg, Ohio
Wheel Coal & Lime Co., Kansas City, Kan.
Wheeler Bros., Orchard Mines, Ill
Wheeler, Chas., Staunton, Ind
Wheeler, Dan'l., Flatgap, Ky
Wheeler, Jas., Caney, Ky
Wheeler, Jas., Henderson, Pa
Wheeler, J. F., Caryville, Tenn
Wheeler, J. L., Backbone, Ky
Wheeling C. & C. Co., Wheeling, W. Va
Wheeling, L. E. & P. C. Co., Toledo, O
Wheeling Mg. & Mfg. Co., Wheeling, W. Va.
Whelane, D., Montreal, Que
Whicker, W. N., Sturgeon, Ky
Whitaker, H. C., Long Shop, Va
Whitaker, H. E., Ellsworth, Ill
Whitaker, Mark, Miami, Mo
Whitcomb, B. H., Clinton, Ind
White Ash Coal Co., Cerrillos, N. Mex
White Ash Coal Mg. Co., Golden, Colo
White, B. P., Manchester, Ky
White, E. E. & A., Mount Carmel, Pa
White, Frank, Albia, Iowa
White House Cannel C. Co., Myrtle, Ky
White, Isaac, East Bethlehem, Pa
White, John, Manchester, Ky
White, John, Oneida, Ill
White, Jno., Forestdale, Ohio
White, J. V., Roseville, Ill
White, J. W., Cole, W. Va
White, L. W., Centerville, Iowa
White, Martha, Manchester, Ky
White, H. V. & Co., Bloomsburg, Pa
White River Vy. C. Co., Washington, Ind.
White, Mrs. S. A., Ashland, Ky
White Smoke Coal Co., Moingona, Iowa
White Star Coal Co., Runnells, Iowa
White, W. J., Peoria, Ill
White, W. S., Canonsburg, Pa
Whitebreast Fuel Co., Chicago
Whitehall C. & Tile Co., Whitehall, Ill
Whitehead, C. A., Cerrillos, N. Mex
Whitehead, Hy., Wellsville, Mo
Whitehead, J., Maple's Mill, Ill
Whitehead, Mark, Babylon, Ill
Whitehouse, Frank, Central City, Ky
Whitesell, H. J., Liberal, Mo
Whitham, Will, Canton, Ill
Whitlach, Louis, Attica, Iowa
Whitner, E., Boonville, Ind
Whitney, C. S., Kansas City, Mo
Whitney & Kemmerer, Mauch Chunk, Pa.
Whitt, J. P. & Son, McGlene, Ky
Whittaker, B. C., Livermore, Ky
Whittaker, E. H., Gypsy, Ky
Whittaker, J. M., Indian Bottom, Ky
Whittaker, P., Morgantown, Ky
Whittecar, Jos., Inland, Ohio
Whitten, M., Barnetts Creek, Ky
Whittinghill, R. G., Trisler, Ky
Whittle, Wm., Jackson, Wash
Whittles, Thos., Bernadotte, Ill
Wiatt, David, Whitehall, Ill
Wick, H. J. & Co., Hickman, Pa
Wicker, Jesse, Lackey, Ky
Wickham, Wm., Pomona, Kan
Wickman, J. R., Broadwell, Ohio
Wictorris Sons, Cambridge, Ill
Wieland, Geo., Groveland, Ill
Wierick, J. L., Spring City, Tenn
Wiesen, N. L., Hermitage, Pa
Wighon, R. B. & Sons, Philipsburg, Pa
Wilderson, Jacob, Lewistown, Ohio

COAL—Continued.

Wilds, J. F., Carbon, Iowa
Wiley & Sons, Centralia, Mo
Wilke, John, Spaulding, Ill
Wilkening, Wm., Moro, Ill
Wilkeson C. & C. Co., Tacoma, Wash
Wilkey, Wm., Dale, Ind
Wilkinson, Thos, Portage, Pa
Wilks, J. E., Higginsville, Mo
Willard Coal Co., Jackson, Ohio
Willes, J., Carbon, Iowa
William, Jos., Ten Mile Bottom, Pa
William Penn Coal Co., Wm. Penn, Pa
Williams, A., Banner Ill
Williams, Ben C., W. Lafayette, Ohio
Williams, Chesley, Morton's Gap, Ky
Williams Coal Co., McHenry, Ky
Williams Coal Co., St. Joseph, Mo
Williams Coal Co., Wilkes Barre, Pa
Williams, C. D., Danville, Ill
Williams C. & I. Co., Mineral Ridge, Ohio.
Williams, David, Kitchen, Ohio
Williams, D. A., Caneyville, Ky
Williams, D. H., St. David, Ill
Williams, Ed., Pomeroy, Ohio
Williams, E. C., Bush, Ky
Williams, F., Rich Hill, Mo
Williams, Frank, Kangley, Wash
Williams, Frank & Co., Arthur, Mo
Williams, Geo., Staunton, Ind
Williams, Henry, Rousseau, Ky
Williams, Jesse, Dodgeville, Wis
Williams, J., Blaine, Ky
Williams, Jno., Piatt, Ill
Williams, J. B., Moberly, Mo
Williams, J. B., Morton's Gap, Ky
Williams, J. C., Georgetown, Ill
Williams, Jno. J., Minersville, Ohio
Williams, John T., Lansford, Pa
Williams, J. W., Fairfield, Iowa
Williams Mg. Co., Coalville, Iowa
Williams, Morris & Co., Philipsburg, Pa.
Williams, P. C., Galen, Ky
Williams, Robt., Jamestown, Iowa
Williams, R. T., New Geneva, Pa
Williams, Taylor, St. David, Ill
Williams, Thos., Centertown, Ky
Williams, Thos., Elk Lick, Pa
Williams, Thos., Quaker, Ind
Williams, W. C., Ottumwa, Iowa
Williams, W. D., Colchester, Ill
Williams, W. F., New Sharon, Iowa
Williams, W. H., Cokedale, Mont
Williams, W. J., Johnstown, Pa
Williams, W. P., Aledo, Ill
Williams, W. P., Bayard, Iowa
Williams, Wm. P., Carbondale, Pa
Williams, Wells & Co., New Haven, Ct.
Williams & Kerr, Rushville, Ill
Williams & Peters, New York
Williamsburg C. Co., Williamsburg, Colo.
Williamson, F., Williamson, W. Va
Williamson, John, Fairfield, Iowa
Williamson, J. F., Valley Falls, W. Va.
Williamson, John, Piatt, Ill
Williamson Mg. & Mfg. Co., Catlettsburg, Ky
Williamson, W., Pekin, Md
Williamson & Bros., Chariton, Iowa
Williamstown Colliery Co., Williamstown, Pa
Williamsville C. Co., Williamsville, Ill
Williard, E. B. & Co., Steece, Ohio
Williford, Jas., Monica, Ill
Williford, J. B., Marion, Ill
Willis Coal & Mg. Co., St. Louis, Mo
Willis, D. P., Murphysboro, Ill
Willis, M., Shrewsbury, Ky
Willock, Francis, Pincher Creek, N. W. T.
Willoughby, H., Catcreek, Ky
Willow Grove Mg. Co., Willow Grove, Pa.
Wills Creek Coal Co., Cleveland, Ohio
Wilmington C. Mg. & Mfg. Co., Diamond, Ill
Wilmington Star Mg. Co., Coal City, Ill.
Wilmington & Springfield Coal Co., Ridgely, Ill
Wilson, Andrew, Bowerston, Ohio
Wilson, A. A., Beechgrove, Ky
Wilson, A. P., Maulden, Ky
Wilson, B. F., Pittsburg, Pa
Wilson Bros., Coalville, Utah
Wilson Coal Co., Montgomery, Ind
Wilson, D. P., Grape Creek, Ill
Wilson, E., Carpenter, Ky
Wilson, H., Daysboro, Ky
Wilson, Hiram, Prosser Brook, N. B
Wilson, H. L., Steubenville, Ohio
Wilson, J., Montreal, Que
Wilson, Jas., Cambridge, Ohio
Wilson, James, Centerville, Iowa
Wilson, John, Chariton, Iowa
Wilson, John, Pilot Mound, Iowa
Wilson, Joseph, New England, Pa
Wilson, Jos., Swan Creek, Ill
Wilson, Jos. & Son, Nelsonville, Ohio
Wilson, J. C., Southfork, Ky
Wilson, J. E., Sturgeon, Ky
Wilson, J. G., Liberal, Mo
Wilson, J. L., Gilmore, Ky
Wilson, J. R., Taulbee, Ky
Wilson, J. W., Scrubridge, Pa
Wilson, L., Caryville, Tenn
Wilson, P., Hilton, Ky
Wilson, Sam, Eversole, Ky
Wilson, Thos., Colchester, Ill
Wilson, T. C., Mayview, Mo
Wilson, Thompson & Erb, Palmyra, Ohio.
Wilson, W. McKee, Plumville, Pa
Wilson, W. F., Ironton, Ohio
Wilson, Heirs of W. M., Lock, Ky
Wilson & Baxter, Fredric, Iowa
Wilson & Burris, Cambridge, Ohio
Wimer, Jno., Hoagland, Pa
Winchell, J., Duncan's Mills, Ill
Windsor Coal Co., Cleveland, Ohio
Winecoop, H. J., Pierce, Pa
Wineman, Jacob, Wilkinsburg, Pa
Winger, Jas. A., Harvard, Iowa
Winifrede Coal Co., Philadelphia, Pa
Winn, R. M. & Co., Coal Hill, Ark
Winners, Abner, Ray, Ill
Winter Gap C. Co., Oliver Springs, Tenn.
Winter, I. & S., Moncton, N. B
Winter & Myatt, Bartonville, Ill
Winterpock Mines, Winterpock, Va
Winters, A., Fanslers, Iowa
Winters, Enos, McArthur, Ohio
Winters, Geo., Baxter, Pa
Winters, Gus., Keim, Pa
Winton Coal Co., Scranton, Pa
Winton & Roberts, Delta, Colo
Winz Bros., Canal Dover, Ohio
Wires, John, Dilltown, Pa
Wires, J. S. & Co., Philipsburg, Pa
Wirt & Grubb, Enterprise, Mo
Wise Co. Coal Co., Coeburn, Va
Wise Co. Coal Co., Decatur, Tex
Wise, J. M., Coal Co., Rich Hill, Mo
Wiseman, Abe, Gypsy, Ky
Wiseman, F., Gypsy, Ky
Wiseman, M., Gypsy, Ky
Wiseman, W., Gypsy, Ky
Witbeck & Chicago C. & L. Co., Saunemin, Ill
Witch Hazel Coal Co., Youngstown, Ohio.
Witcher, V., Riceville, Va
Withrow, T. W., Edmond, W. Va
Witten, F. F., Paintsville, Ky
Witten, G. H., Paintsville, Ky
Woffenden, James, Van Ormer, Pa
Wolf Bros. Coal Mg. Co., Edwardsville, Ill.
Wolf Coal Co., Jacksonville, Ohio
Wolf & Bonnet, Blount, Ill
Wolford, E., Pawnee Station, Kan
Wolford, J., Cataract, Ind
Wolford, Jos., Monica, Ill
Woll Coal & Coke Co., Pittsburg, Pa
Wolland Bros., Bartonville, Ill
Wolsted, F., Henderson, Ill
Wolverton, C. W., Independence, Mo
Womelsdorff Coal Co., Womelsdorff, W.Va.
Wonderby, P. & Co., Edwardsville, Ill.
Wood, Benj. F., Warrensburg, Mo
Wood Bros., Pinckneyville, Ill
Wood Bros. & Elder, W. Louisville, Ky
Wood, C. S., Hume, Mo
Wood, Geo., Cedar City, Utah
Wood, Geo., Island, Ky
Wood, James, Island, Ky
Wood, J. A. & Son, Pittsburg, Pa
Woodard, Jno., Oakwood, Ill
Woodard & Ferrill, Nelsonville, Ohio
Woodford, Wm., Westover, Pa
Woodland Cannel Coal Co., Woodland, Pa.
Woodring, A. F., Hellertown, Pa
Woodrow, Jas., Brinkerton, Pa
Woodruff, D. D., St. Charles, Ky
Woods, John, Toby, Pa
Woods, L. B., Patterson Creek, Ky
Woods, T. J., Pittsburg, Pa
Woods & North C. Co., Kansas City, Mo.
Woodside Coal Co., Springfield, Ill
Woodside, Thos., Pittsburg, Pa
Woodson & Lewis, Independence, Mo
Woodson & Woodson, Rich Hill, Mo
Woodstock Coal Co., Nortonville, Ky
Woodward Coal & Mg. Co., Huntsville, Mo.
Woodward, Ross S., Galesburg, Ill
Woodworth, J. R., Lebo, Kan
Woodyard, H., Boreing, Ky
Woodyard, L., Pella, Iowa
Wooldridge Jellico C. Co., Newcomb, Tenn.
Woolum, P. M., Bingham, Ky
Worthington C. & C. Co., Hutchinson, W. Va
Worthington, Elliott & De Bardeleben, Birmingham, Ala
Wren, Geo., Morris, Ill
Wright, Cyrus, Sparland, Ill
Wright, C. W., Hooversville, Pa
Wright, John, Manchester, Ky
Wright, J. D., Wilker, Mo
Wright, J. M., New Burnside, Ill
Wright & Adams, Collinsville, Ala
Wyandotte C. & Lime Co., Kansas City, Mo
Wyant, Adam, Wynant, Ohio
Wyant C. & C. Co., Eagle, W. Va
Wyatt, Thos., Whitehall, Ill
Wye, Fred., Keim, Pa
Wykoff, Gen. A. T., Cambridge, Ohio
Wylie, J. S., Chicago, Ill
Wyoming Valley Coal Co., Wilkes Barre, Pa
Yadon, T. A., Chetopa, Kan
Yadon, T. A., Walker, Mo
Yaigles, Wm., Hillsboro, Iowa
Yarbrough & Watters, Cambria, Va
Yates Bros. & Sharp, Corinth, W. Va
Yates, J. R. & Co., Dahlgren, Ill
Yellow Creek Coal Co., Bergholz, Ohio
Yellow Run Coal Co., Greensburg, Pa
Yenser, John, Marysville, Iowa
Yoch Coal & Mg. Co., Belleville, Ill
Youghiogheny C. Co., Ltd., Pittsburg, Pa.
Youghiogheny River Coal Co., Erie, Pa
Youghiogheny & Lehigh Coal Co., Chicago, Ill
Yokum, John, Lewistown, Ill
York, John M., Gays Creek, Ky
York, Jos., Zenorsville, Iowa
Yost, Hy., Grantsville, Md
Young, C. W., Winslow, Ind
Young, John A., Carterville, Ill
Young, John F., McWhorter, Ky
Young, J. J., Milledgeville, Iowa
Young, M., Sassafras, Ky
Young, O., Coal Co., Pigeon Run, Ohio
Young, Peter, East Fairfield, Ohio
Young, P. L., Sr., McWhorter, Ky
Young & Harrington, Cleveland, Ohio
Young & Reynolds, Crainville, Ill
Youngstown Coal Co., Uniontown, Pa
Youngstown Coke Co., Lemout Furnace, Pa
Youngstown Pav. Brick Co., Beloit, Ohio.
Youser, John, Marysville, Iowa
Youts, Jas., Baker, Ky
Yunkel Bros., Pilot Mound, Iowa
Zahl Salt Furnace Co., Minersville, Ohio.
Zanesville Coal Co., Zanesville, Ohio
Zehlsdorf, D., Marissa, Ill
Zellar & Sieglare, Asherville, Ind
Zembelman Coal Co., Boone, Iowa
Zenida Coal Co., Helena, Ala
Zerbe & Co., Shenandoah, Pa
Zerby, John, Mabel, Pa
Zettlemeyer Coal Co., Cleveland, Ohio
Ziegler, Jno. & Co., Rapids City, Ill
Ziehr, John, Brookfield, Mo
Ziller Coal & Mg. Co., Brazil, Ind
Zimmerman, David L., Salem, Ohio
Zimmerman & Longnecker, Leetonia, Ohio.
Zoar Society, Zoar, Ohio
Zook, John, Waynesburg, Pa
Zook, Eli, Sylvania, Mo

COPPER:

Acquisition Mining Co., Butte, Mont
Adams & Bladen, Cedar City, Utah
Adelaide Copper Co., San Francisco, Cal.
Agate Copper & Mining Co., Duluth, Minn.
Allen, R. W., Lodebar, Va
Allouez Mining Co., Allouez, Mich
Anaconda Copper Co., Anaconda, Mont.
Anitua San Felipe, Antonio, Topia, Mex.
Arizona Copper Co., Nogales, Ariz
Arizona Copper Co., Ltd., Clifton, Ariz.
Arnold Mining Co., Eagle River, Mich.
Atlantic Cop. Mg. Co., Atlantic Mine, Mich.
Atlantic Mining Co., New York
Axis Mining Co., Carbon, Wyo
Aztec Mining Co., Greenland, Mich
Bailey, W. H., Kellogg, Idaho
Bailey-Fletcher Metal Mg. Co., Denver, Colo.
Barnett, W. A., Pope Valley, Cal
Belmont Bessemer Ore Co., New York
Belt Cop. Mines Mg. Co., Greenland, Mich.

Bishop, Ben, Kelley, N. Mex.....
Bitner, C. C., Spenceville, Cal.....
Blackwell & Mitchell, Galbraith, Ont.....
Blair, Judge, Salt Lake City, Utah.....
Blue Line Mining Co., Elkhorn, Mont.....
Blue Wing Copper Co., Blue Wing, N. C...
Borja, Nestor, Ajuchitlan, Mex.....
Boston & Mont. M. & M. Co., Great Falls, Mont.....
Boyd, T. H., San Bernardino, Cal.....
Bristol Mining Co., Bristol, Conn.....
Broad & Craig, Chama, N. Mex.....
Burra-Burra Co., Ducktown, Tenn.....
Butte & Boston Mining Co., Boston, Mass..
Calumet & Hecla Mg. Co., Lake Linden, Mich.....
Cambridge Cop. Mg. Co., Jamestown, N. C.
Canada Copper Co., Copper Cliff, Ont.....
Canadian Copper Co., Cleveland, Ohio.....
Canadian Copper Co., Copper Cliff, Ont...
Canadian Copper Cliff Co., Sudbury, Ont..
Canton Copper Mines, Canton, Ga.....
Carp Lake Mg. Co., Ontonagon, Mich.....
Cash Cop. Mines, Ben Hill, Ga.....
Centennial Mg. Co., New York.....
Central Mg. Co., Central Mine, Mich.....
Church, I. S., Kelly, N. Mex.....
Cliff Copper Co., Phoenix, Mich.....
Compagnie du Boleo, Puerto de Santa Rosalia, Mex.....
Connelly Bros., Kelly, N. Mex.....
Cook & Hermann, Kellogg, Idaho.....
Copper Belt Mg. Co., Helena, Mont.....
Copper C'k Mg. Co., Detroit, Mich.....
Copper Creek Mine, Trinity Centre, Cal...
Copper Hill Mg. Co., Daggett, Cal.....
Copper King Mg. Co., Bangor, Me.....
Copper Knob Mg. Co., Galena, S. D.....
Copper Queen Con. Mg. Co., New York...
Coulter Copper Co., Ontonagon, Mich.....
Crawford, Harmon & Clayton, Seattle, Wash.....
Cushejon, C., Huacaua, Mex.....
Default, John, White Fish, Ont.....
Daggett, Jno., San Francisco, Cal.....
Daugherty, G. W., Corvallis, Mont.....
Deep River Mg. Co., Jamestown, N. C....
Del Norte Cop. Co., Smith River, Cal.....
Dendy, J. M., Kelly, N. Mex.....
Denver Copper, Rock G. Mg. Co., Denver, Colo.....
Detroit Copper Mg. Co., New York.....
Detroit & Lake Superior Copper Co., Detroit, Mich.....
Dillon, M., Rawlins, Wyo.....
Dolores Copper Mg. Co., Matehuala, Mex..
Dominion Mineral Co., Sudbury, Ont.....
Donner, J., Clayton, Cal.....
Ducktown Copper Mines, Pierceville, Ga.
Ducktown S., Cop. & I. Co., Ducktown, Tenn.....
Duncan, W. G., White Fish, Ont.....
Dwyer, John, White Fish, Ont.....
Eastern Development Co., Boston, Mass..
Eaton, Horace, & Co., Halleck, Cal.....
Electrotype Copper Co., Ansonia, Conn....
Elizabeth Mg. Co., Baltimore, Md.....
Elmer-Brown Copper M. & M. Co., Astoria, Ore.....
Essex Copper Mg. Co., Ontonagon, Mich..
Eustis Mining Co., Boston, Mass.....
Evergreen Bluff Mg. Co., Greenland, Mich.
Excelsior Cop. Co., West Broughton, Que.
Fairfield Copper Co., New York.....
Faust, Theo., Kellogg, Idaho.....
Faust, Wm., Kellogg, Idaho.....
Fletcher, Sam, Rock Spring, Wyo.....
Foley, Kern, Kelly, N. Mex.....
Frankinberry, E., Colo. Springs, Colo...
Franklin Mining Co., Boston, Mass.....
Frood, Thos., Little Current, Ont.....
Fuder & Hall, Temple, Ga.....
Garden City Cop. Co., Eagle River, Mich.
Gillilan, Edw., Sunnyside, Nev.....
Gooding, J. N., Tucson, Ariz.....
Gordon, Arthur, White Fish, Ont.....
Gordon, James, White Fish, Ont.....
Graham, W. A., Kelly, N. Mex.....
Granville Copper Co., Washington, D. C..
Grasselli Chem. Co., Cleveland, Ohio.....
Hadsell, T. A. & Co., Elk Mtn., Wyo.....
Harvey Hill Cop. Mines Co., W. Broughton, Que.....
Hedges, H. S., Little Current, Ont.....
Hedley, A. W., Whitehall, Mont.....
Hendricks, A. W., Bluewing, N. C.....
Herbin, Jno., La Vita, Colo.....
Hicks, J. F. & Co., Bristol, Tenn.....
Hungarian Copper Co., Boston, Mass.....
Huntley, N., Gold Beach, Ore.....
Huron Copper Mg. Co., Boston, Mass.....
Huron Copper Mg. Co., Houghton, Mich..
Idaho Copper Co., Houston, Idaho.....
Imperial Paint & Cop. Co., San F., Cal...
International Mg. Co., Ontonagon, Mich..
Isle Royal Mg. Co., Houghton, Mich.....
Jerome Mg. Co., Prescott, Ariz.....
Johnson, L., Sixteen, Mont.....
Johnson, M. V., Boulder, Colo.....
Jordan, J. O., Whitehall, Mont.....
Jumbo Cop. Mg. Co., Helena, Mont.....
Kearsarge Mining Co., Kearsarge, Mich..
Kilpatrick Bros. & Collins, New Castle, Wyo.....
Knowlton Mining Co., Greenland, Mich..
Lac La Belle Mine Co., Philadelphia, Pa..
Lafayette Mg. Co., Ontonagon, Mich.....
Latimer Cop. Mines, Pierceville, Ga.....
Law, C. J., Golden, B. C.....
Leeds Cop. Co., Broughton Sta., Que.....
Lone Star Cop. Co., Henrietta, Tex.....
Ludvington, J., Rock Springs, Wyo.....
McCleary, N. B., Pantono, Ariz.....
McConnell, J., Yerington, Nev.....
McCormick, Eugene, Hillside, Colo.....
McGee, Jas., Kelly, N. Mex.....
Madugal of Tumbiscatio Braullo, Apatzingan, Mex.....
Maricopa Copper Co., Phoenix, Ariz.....
Mary Mine, Ducktown, Tenn.....
Mass Mining Co., Greenland, Mich.....
Masters, W. N., Pasadena, Cal.....
Meadow Mg. Co., Eagle River, Mich.....
Memphremagog Mg. Co., Eastman, Que...
Mercer, Jas., Ontonagon, Mich.....
Merrimack Mg. Co., Ontonagon, Mich.....
Miller, Mrs. Mary, Boulder, Colo.....
Milliken & Hauley, Swan, Wyo.....
Minnesota Mg. Co., Boston, Mass.....
Minona Copper Co., Detroit, Mich.....
Montreal Mg. Co., Milford, Utah.....
Morgan, T. L., Platte Canon, Colo.....
Muir, Matt., Rock Springs, Wyo.....
Mullen & Krewitz, Kelly, N. Mex.....
Murray, Nelson, Sixteen, Mont.....
Nacosart Copper Co., Nogales, Ariz.....
National Mg. Co., Rockland, Mich.....
Newfoundland Copper Mining Co., Nippers Harbour, N. F.....
Newton Copper Co., Ranlett, Cal.....
Nicholson, J. W., Boulder, Colo.....
Oates, P., Globe, Ariz.....
Ogema Mining Co., Ontonagon, Mich.....
Old Dominion Copper Co., Baltimore, Md..
Olivares, Jose C., Huacana, Mex.....
Osceola Con. Mining Co., Boston, Mass...
Over, C. M., Kelly, N. Mex.....
Oxford Copper Co., New York.....
Pare, Theo., Robertson Sta., Que.....
Parker, H. C., Eagle, Colo.....
Parrot Silver & Copper Co., Butte, Mont..
Pease, F., Silver City, Ark.....
Pena, Miguel de la., Villa, Mex.....
Peninsular Mg. Co., Hancock, Mich.....
Pittsburg & Tenn. Cop. Co., Pittsburg, Pa.
Pleace, J. H., Nanaimo, B. C.....
Pritchett, J. D., Whitehall, Mont.....
Puget Sound Iron Co., Seattle, Wash....
Queen of Hills Mining Co., Neihart, Mont.
Quincy Mining Co., New York.....
Reeder, Edw., Detroit, Mich.....
Reeds, John H., Bluewing, N. C.....
Renolds, G. H., Ridgway, Colo.....
Ridge Copper Co., Boston, Mass.....
Rife & Logan, Bluewing, N. C.....
Robertson, Geo., Sixteen, Mont.....
Rohpeter, Geo., Agua Fria, Ariz.....
Rosemont Smelt. Co., Rosemont, Ariz....
Royal Purple Mg. Co., Joseph, Ore.....
Russell & Barnett, White Fish, Ont....
Ryan & Lannon, Hillsboro, N. Mex.....
San Pedro Copper Co., San Pedro, N. Mex.
Sands, Jacob, & Co., Ashcroft, Colo.....
Santa Fe Copper Co., Boston, Mass.....
Santa Rita Copper & Iron Co., Boston, Mass.....
Scott, David, Kelly, N. Mex.....
Shott, Frank, Whitehall, Mont.....
Shotwell, W. B., St. Clair, Mo.....
Shriver, S., Union, Ore.....
Silver Islet Co., Port Arthur, Ont.....
Silver & Copper Cliff Mg Co., Nevada, Mo.
Simpson, A., White Fish, Ont.....
Smith, Daniel F., Sutton, Que.....
Smith, Henry, White Fish, Ont.....
Smith, Joseph, Sixteen, Mont.....
Societe Anonyme de Lexington Mines, Walkerville, Mont.....
Soto, Jesus, Tapalpa, Mex.....
Soto, Victor, Apatyingan, Mex.....
Southern M. & M. Co., Cullowhee, N. C.
Spencer, Chas. L., Boulder, Colo.....
Spencer, Mayn & Heitman, White Sulphur Springs, Mont.....
Spokane & Coeur d'Alene Co., Spokane, Wash.....
Spragg, W. K., Yerington, Nev.....
Spring Hill Pros. & M. Co., Oxford, N. S.
Stant, Dr. G. W., Ukiah, Cal.....
Stockton Con. Mg. Co., Stockton, Cal....
Strozzi, Peter, Kelly, N. Mex.....
Tamarack Mining Co., Boston, Mass.....
Tamarack, Jr., Mining Co., Boston, Mass.
Taunton Copper Co., Taunton, Mass.....
Thomas, A. M., Ridgway, Colo.....
Thomas, W. T., Ukiah, Cal.....
Tilt Cove Copper Co., Ltd., Tilt Cove, Newfoundaind.....
Tooder & Raines, Villa Rica, Ga.....
Tough, Robt., Arnprior, Ont.....
Tripple, Alex., Globe, Ariz.....
Tuerto Mt. Copper & G. Co., New York..
Turqueza, Cia. La., Huarichio, Mex.....
Ullan, Dr., Boulder, Colo.....
Underwood, H. D., Tucson, Ariz.....
Union Copper Mine, Copperopolis, Cal...
Union Keystone Mine, Copperopolis, Cal..
United Verde Cop. Co., Butte, Mont.....
Vanderhoff & Sawyer, Ogdensburg, N. J..
Vaughn, J. D. & Co., Reliance, Tenn.....
Victoria Copper Mg. Co., Ashley, Utah....
Voris, J. D., Cop. Mg. Co., Hillside, Colo.
Washington Cent. Mg. & Red. Co., Conconully, Wash.....
Wendigo Copper Co., Duluth, Minn.....
Western Wash. Mg. & Mfg. Co., Tacoma, Wash.....
Wilson, F., Union, Ore.....
Wilson, G. A., White Fish, Ont.....
Woehler & Pielzsch, Spenceville, Cal.....
Wolverine Copper Co., Allouez, Mich.....
Wolverine Copper Mg. Co., New York.....
Wright, H. E., White Cross, Colo.....
Wright, John K., Rat Portage, Ont.....
Young, Geo. L., Rock Springs, Wyo.....

CORUNDUM:

Abrasive Material Co., Unionville, Pa....
Breedlove, Geo. W., Monroe, Ga.....
Carolina Corundum Co., Newport, Ky....
Cook, Capt. R. J., Caldwell, Ga.....
Gibson, J. N., Hiawassee, Ga.....
Hampden Emery & Corundum Co., Chester, Mass.....
Hyatt, Wm. A., Franklin, Ga.....
Lyons, A. J., Soque, Ga.....
New York Emery Co., Peekskill, N. Y....
North Carolina Cor. Co., Detroit, Mich..
Prather, Wm. F., Acworth, Ga.....
Reeves, Henry, Brownsville, Ga.....
Track Rock Mine, Track Rock, Ga.....
Turner, W. B., Powder Springs, Ga.....
West, E. P., Clarksville, Ga.....
Western N. C. Cor. Co., Asheville, N. C...
Westmoreland, W. B., Austell, Ga.....
Worthy, E. P., Carrollton, Ga.....

FIRE CLAY:

Aetna F. B. & Clay Co., Oak Hill, Ohio..
Akron Clay Co., Akron, Ohio.....
Akron Fire Brick Co., Akron, Ohio.....
Akron Stoneware Co., Akron, Ohio.....
American E. T. Co., Zanesville, Ohio.....
Arkansas Coal Gas Fire Clay & Manufacturing Co., Hot Springs, Ark.....
Bardolph Fire Clay Co., Bardolph, Ill.....
Bartholomew, J., Logan, Ohio.....
Beatty Fire Clay Co., Canton, Ohio.....
Black Diamond F. B. Co., Portsmouth, O.
Branchville Clay Co., Washington, D. C..
Brandywine Summit K. & F. S. Co., Philadelphia, Pa.....
Buskett, J. L., Rolla, Mo.....
Butt, L. M., Maxville, Ohio.....
Calumet Clay Co., Calumet, Ohio.....
Calumet Fire Brick Co., Calumet, Ohio...
Cambria Fire Brick Co., Lloydville, Pa...
Champion Pottery Co., Canton, Ohio.....
Cleveland Fire B'k Co., Cleveland, Tenn..
Columbus Brick & Terra Cotta Co., Columbus, Ohio.....
Congo, F., Clay Co., Empire, Ohio.....
Cook, A. H. & G. C., Lilly, Ohio.....
Cook, R. H. & Son, Lilly, Ohio.....
Cornwall, W. T., Denver, Colo.....
Diamond Pottery Co., Akron, Ohio.....
Emme, D. H., Wympsgap, Pa.....

FIRE CLAY—Continued.

Empire Fire Clay Co., Empire, Ohio.....
Excelsior Fire Clay Co., Calumet, Ohio...
Franecy, John, Sons Co., Toronto, Ohio..
Freeman Fire Clay Co., Freeman, Ohio....
Forest City Fire Clay Co., Toronto, Ohio..
Forest Dale F. B. Tile Wks., Ashland, Ky.
Fulton Fire Brick & Fuel Co., Fulton, Mo.
Furnace Fire Clay Co., Salineville, Ohio..
Golden Pressed & F. B. Co., Denver, Colo.
Greenford Fire Clay Co., Greenford, Ohio.
Great Western F. Clay Co., Toronto, Ohio.
Harris & Co., Webster, N. C.....
Hill Sewer Pipe Co., Akron, Ohio.....
Holloway Paving B. Co., Canton, Ohio...
Keystone F. Clay Co., New Lisbon, Ohio..
Macquillan, J. W., Cleveland, Tenn.....
Malvern Clay Co., Malvern, Ohio.....
Massillon Stone & F. B. Co., Massillon, O.
Minerva Pressed Brick Co., Minerva, O..
Monongahela Fire Clay Co., Beaver, Pa..
Myers-Hatfield Clay Co., Malvern, Ohio..
Myers & Hall, Mogadore, Ohio.....
Nat'l Brick & Quarry Co., St. Louis, Mo..
Nelsonville Sewer P. Co., Nelsonville, O..
Newhouse, R., Magnolia, Ohio.....
Newman Creek Clay Co., Massillon, Ohio..
Nonesuch Fire Clay Co., Empire, Ohio....
Oakland P. B. Co., Zanesville, Ohio.....
Ohio Sewer Pipe Co., New Lisbon, Ohio..
Ohio Valley F. Clay Co., Toronto, Ohio...
Oregon Pottery Co., Portland, Ore.....
Park Fire Clay Co., Park Quarries, Pa..
Portsmouth F. Brick Co., Portsmouth, O.
Puget Sound Clay Co., Seattle, Wash.....
Royal Brick Co., Canton, Ohio.....
Royal C. Mfg. Co., Uhrichsville, Ohio.....
Salem Garfield F. C. Co., Salem, Ohio.....
Scioto Star F. B. Wks., Portsmouth, O...
Socorro Fire Clay Co., Colo. Spgs., Colo..
South Webster F. B. Co., S. Webster, O..
South Zanesville S. P. & B. Co., South Zanesville, Ohio.....
Standard Gas R. & F. B. Co., Ironton, O..
Standard Pottery Co., Salineville, Ohio...
Star Clay Co., Mertztown, Pa.....
Thompson, Henry, Cuyahoga Falls, Ohio..
Toronto Fire Clay Co., Toronto, Ohio.....
Townsend, T. B., Bk. & Cont. Co., Zanesville, Ohio .....
Uhrichsville F. Clay Co., Uhrichsville, O.
United States F. Clay Co., New Lisbon, O.
United States S. P. Co., New Lisbon, O..
U. S. Stoneware Co., Akron, Ohio.....
Vincent, L. S., Soldier, Ky.....
Walker, N. W., Clay Mfg. Co., Walkers, Ohio .....
Waynesburg B. & C. Co., Waynesburg, O.
Webster Fire B. Co., South Webster, O..
Whitehall Fire Clay Co., Whitehall, Ill...

GOLD AND SILVER:

A. B. G. Mg. Co., Rico, Colo.....
Abbott, Alonzo, Sullivan, Me.....
Abbott, John E., Hachita, N. M.....
Aberdeen G. Mg. Co., Goldenville, N. S....
Able, J. D., Ft. Halleck, Nev.....
Acanda M. & M. Co., Cripple Creek, Colo..
Acme Mg. Co., Utica, Mont.....
Adam, I., Fort Saskatchewan, N. W. T....
Adams, A. P., Rico, Colo.....
Adams, C. F., Newcastle, Cal.....
Adams, Edson, Oakland, Cal.....
Adams, Herman, Henley, Cal.....
Adams, Horace E., Hecla, Wyo.....
Adams, I. O., Bay Horse, Idaho.....
Adams, J., Silver Cliff, Colo.....
Adams Mg. Co., Denver, Colo.....
Adams, S. E., Ft. Jones, Cal.....
Adams, Thad., Sugar Loaf, Colo.....
Addie C. Mg. Co., Denver, Colo.....
Addie E. M. & M. Co., Colo. Spgs., Colo..
Addie May Mg. Co., New England City, Ga.
Addoms, J., Baker City, Ore.....
Adelaide Qtz. G. Mg. Co., Robinsons Ferry, Cal .....
Adit Mg. Co., Denver, Colo.....
Adler Gulch Con. Mg. Co., Virginia City, Mont .....
Aetna G. Mg. Co., Colorado Springs, Colo.
Agassiz Mining Co., Leadville, Colo.....
Aggazir & Shaw, Quincy, Cal.....
Agnes C. Mg. Co., Manitou, Colo.....
Aguila y La Salud Minera, El, Mexico, Mex. .....
Agwayo, A., Tybo, Nev.....
Ah Jim, Lewiston, Cal.....
Ahlgrin, A., Sawyer Bar, Cal.....
Ah Sawm, Lewiston, Cal.....
Ajax G. Mg. Co., Colorado Springs, Colo...
Ajax Mine, Salt Lake City, Utah.....
Ajax Mg. Co., Robinson, Colo.....
Ajuria, Manuel, Guanajuato, Mex.....
Akin, Charles, Connor Creek, Ore.....
Alabama Gold Belt Mg. Co., Micaville, Ala.
Alabama Hydraulic Co., Mosquito C'k, B.C.
Aladdin Gold Mg. Co., Denver, Colo.....
Alameda & S. Barbara Dev. Co., Berkeley, Cal .....
Alamo Mg. Co., Colorado Springs, Colo.....
Alamo Mg. Co., Ltd., Three Forks, B. C...
Alamosa M. & M. Co., Alamosa, Colo.....
Alaska Gold Mine, Portland, Ore.....
Alaska Imp. Co., Juneau, Alaska.....
Alaska Mg. Co., San Francisco, Cal.....
Alaska-Mex. G. Mg. Co., Douglas, Alaska.
Alaska-Mexican G. M. Co., St. Paul, Minn.
Alaska M. & M. Co., Denver, Colo.....
Alaska Treadwell G. Mg. Co., San F., Cal.
Alaska United G. Mg. Co., Juneau, Alaska.
Alaska-Willoughby G. Mg. Co., Juneau, Alaska .....
Alaskan Mg. Co., Pike City, Cal.....
Alaviesko Mg. Co., Calumet, Mich.....
Alba Mining Co., Saco, Me.....
Albany G. Mg. Co., San Francisco, Cal....
Albany Mg. Co., Rico, Colo.....
Albany Placer Mg. Co., Laramie, Wyo....
Albarado, Pedro, Hidalgo del Parral, Mex.
Albermarle G. M. & M. Co., Colorado Springs, Colo.....
Alberni-Nanaimo G. Mg. Co., Nanaimo, B.C.
Albertson, H. C., Jamestown, Colo.....
Albin, J. N., Fresno, Cal.....
Albion Mg. Co., Stanley, B. C.....
Albright, D. C., Laws, Cal.....
Albright, T., Lundy, Cal.....
Albro Mg. Co., Dumont, Colo.....
Alden, Isaac, Grand Lake, Colo.....
Alder Mg. & S. Co., Council Bluffs, Iowa..
Aldrich Green, Belmont, Nev.....
Aldrich Mg. Co., Salisbury, N. C.....
Alerd, Wm., Canyon City, Ore.....
Alescandee Orme Mine, Draper, Ore.....
Alexander, A., Auburn, Ore.....
Alexander, J. R., Table Rock, Cal.....
Alexander, L. L., Ohio Ranch, Cal.....
Alexander, L., & Co., Ainsworth, B. C.....
Alexander Mg. Co., Deadwood, S. D.....
Alexandra M. & D. Co., Vancouver, B. C..
Alger, J. L., Bay Horse, Idaho.....
Alhambra Mg. Co., San Francisco, Cal....
Alice Gray G. Mg. Co., Colo. Spr'gs, Colo.
Alice Mg. & Dev. Co., Prescott, Ariz.....
Alice G. & S. M. Co., Walkerville, Mont...
Alice G. & S. Mg. Co., S. L. City, Utah...
Alice Mg. Co., Barker, Mont.....
Alice M. & M. Co., Denver, Colo.....
Alice & Emma Mg. Co., Victoria, B. C.....
Alkire, M. I., Ophir, Colo.....
Allard, P., Midas, Nev.....
Alleghaney Mg. Co., Denver, Colo.....
Allegheny Tun. Co., Ashcroft, Colo.....
Allen, B., White River, Cal.....
Allen, C. J., Idaho Springs, Colo.....
Allen, E., Oro Fino, Cal.....
Allen, Frank, Gypsum, Colo.....
Allen G. Mg. Co., Colorado Springs, Colo..
Allen, Geo. F., Nevada City, Cal.....
Allen G. & S. Mg. Co., Kansas City, Kan..
Allen, John D., Santa Fe., N. Mex.....
Allen, Jas. E. & J., Cherry, Ariz.....
Allen, Samuel, Chinese Camp, Cal.....
Allen & Lord, Orleans Bar, Cal.....
Allencio Jose La Luz, Cerro, N. Mex.....
Allenstone, R., Sitka, Alaska.....
Alliance G. Mg. Co., Pueblo, Colo.....
Alliance Trust Co., Winnipeg, Man.....
Allis, W. W., Tomichi, Colo.....
Allison Ford, Grass Valley, Cal.....
Allison McDougal Co., Princeton, B. C.....
Alluvial Mg. Co., San Jose, Cal.....
Alma Aque & Co., Mona, Utah.....
Alma G. Mg. Co., San Francisco, Cal.....
Alma Mg. Co., Jackson, Cal.....
Alma M. & M. Co., Salt Lake City, Utah..
Almadew y Anexas, Nieves, Mex.....
Almo M. & M. Co., Silver City, Utah.....
Almount Mg. Co., Rico, Colo.....
Alpa Con. Mg. Co., Virginia City, Nev....
Alpes Minera Los Cia., Mexico, Mex.....
Alpha Cons. M. & M. Co., San F., Cal.....
Alpha G. Mg. Co., Denver, Colo.....
Alpha M. & M. Co., Colo. Spr'gs, Colo....
Alpha & Omega M. & M. Co., Stemple, Mont .....
Alpha Tunnel & G. Mg. Co., Cripple Creek, Colo .....
Alpha Silver Mines, Slocan, B. C.....
Alpine Sp'gs L. & W. Co., Los Angeles, Cal.
Alps Con. Mg. Co., Leadville, Colo.....
Alta Mg. Co., Virginia City, Nev.....
Alta Mont. G. Mg. Co., Colo. Sp'gs, Colo..
Alta S. Mg. Co., San Francisco, Cal.....
Altaville Quartz M. & M. Co., Angel's Camp, Cal.....
Altura Gold Co., Victor, Cal.....
Altura Mg. Co., San Bernardino, Cal.....
Alturns G. M. Co., Rocky Bar, Idaho.....
Alverta G. Mg. Co., Denver, Colo.....
Alvord Mg. Co., Daggett, Cal.....
Alvord Mg. Co., Pasadena, Cal.....
Amador Can. & Mg. Co., Sutter C'k, Cal..
Amador G. Mg. Co., Ltd., Jackson, Cal....
Amalie Mg. Co., San Francisco, Cal.....
Amarillo G. Mg. Co., Colo. Springs, Colo..
Amazon G. Mg. Co., Chicago, Ill.....
Amazon Mg. Co., Idaho Springs, Colo.....
Amazon Mg. Co., Victor, Colo.....
Am. Bar Mg. Co., Portland, Ore.....
Am. Belle Mg. Co., Red Mountain, Colo...
Am. Con. Mg. & M. Co., Colorado Springs, Colo .....
Am. Dev. & Mg. Co., Butte, Mont.....
Am. Dev. & Mg. Co., Gibbonsville, Idaho..
Am. Dev. Co., Ltd., Victoria, B. C.....
Am. Eagle Mg. Co., Helena, Mont.....
Am. Eagle Mg. Co., Silver City, Utah.....
Am. Fork Con. G. & S. Mg. Co., American Fork, Utah.....
Am. & G. Hills Mines, San Francisco, Cal.
Am. G. Mg. Co., St. Louis, Mo.....
Am. G. Mg. & Smt. Co., Minneapolis, Minn.
Am. Gulch M. & M. Co., Anaconda, Mont.
Am. Kaffir G. Mg. & T. Co., Denver, Colo.
Americana Cia. La Minera, Monterey, Mex. .....
American Mg. Co., Hachita, N. Mex.....
American Mg. Co., Leadville, Colo.....
Anaconda Ext'n G. Mg. Co., Denver, Colo.
Am. Queen Mg. Co., Deadwood, S. D.....
Am. River Syndicate, Placerville, Cal.....
Am. Silver, Cop. & Ref. Co., Helmville, Mont .....
Am. Sisters Mg. Co., Denver, Colo.....
Ames, Fred L., Boston, Mass.....
Ames Investment Co., Salt Lake City, Utah.
Ames & Mann, Salt Lake City, Utah.....
Amethyst Mg. Co., Denver, Colo.....
Amity Mg. Co., Denver, Colo.....
Ammett Creek G. Mg. Co., Salmon City, Idaho .....
Anaconda Co., Canyon Creek, Mont.....
Anaconda G. Mg. Co., Denver, Colo.....
Anaconda Mg. Co., Butte, Mont.....
Anaconda Mine Co., Anaconda, Mont.....
Anahuac Minero y Hac, El, Mexico, Mex..
Anchor Gold M. & M. Co., Pueblo, Colo....
Anchoria Leland M. & M. Co., Colorado Springs, Colo.....
Ancient Diggings Co., Sault Ste. Marie, Mich .....
Anderline, J. J., Lewiston, Cal.....
Anderson, A., Vernon, Utah.....
Anderson, A. H. & A., Twin Lakes, Colo..
Anderson, A. P., Oriental, Nev.....
Anderson Bros., Greaterville, Ariz.....
Anderson, C. & Co., Placerville, Idaho.....
Anderson, F., Oak Bar, Cal.....
Anderson, H., Ainsworth, B. C.....
Anderson, J. H., Halifax, N. S.....
Anderson, H. W., Marble, Colo.....
Anderson, J., Sawyer Bar, Cal.....
Anderson, Jno., Dumont, Colo.....
Anderson, Mark, O'Neals, Cal.....
Anderson, Peter, Bridgeport, Cal.....
Anderson, Peter, Gardnerville, Nev.....
Anderson & Gleason, Hachita, N. Mex.....
Anderson & Rhodes, Maiden, Mont.....
Anderson, Thos., San Francisco, Cal.....
Andes S. M. Co., San Francisco, Cal.....
Andrada, Jno., Darwin, Cal.....
Andrade, Jesus, Guanajuato, Mex.....
Andrade, Jesus, La Luz, Mex.....
Andrews, H., Oak Bar, Cal.....
Andrews, M., Scott River, Cal.....
Andrews & Miner, Hamburg Bar, Cal.....
Androde, G., San Francisco, Cal.....
Angel's Camp G. Mg. Co., Angel's Camp, Cal .....
Angels Quartz Mg. Co., San Francisco, Cal.
Anglo-American Gold & Platinum Co., Vancouver, B. C.....
Anglo-American Mg. Co., Yale, B. C.....
Anglo Cal. M. & M. Co., Chicago.....
Anglo Mex. Mg. Co., San Francisco, Cal...
Anglo-Saxon G. Mg. Co., Rich Gulch, Cal.
Animas River Mg. Co., Milwaukee, Wis...
Anita G. Mg. Co., San Francisco, Cal.....

Anna C. Mine, Colorado Springs, Colo....
Annie Con. Mg. Co., Cottage Grove, Ore..
Annie G. Mg. Co., Cripple Creek, Colo.....
Annie M. & M. Co., Provo City, Utah.....
Anniston Gold Mg. Co., Anniston, Ala.....
Anonim Mg. Co., San Luis Potosi, Mex...
Anson S. & Cop. Mg. Co., Santa Rita, N.M.
Ansures, Juan, Juan Tafoya, N. Mex.....
Ansures Manuel, Juan Tafoya, N. Mex....
Ansures Serillo, Juan Tafoya, N. Mex.....
Antelope Mg. Co., Leadville, Colo.....
Antelope Mg. & S. Co., Anaconda, Mont..
Anthony, Chas., Darwin, Cal.....
Antigo M. & M. Co., Hecla, Wyo.....
Antigonishe G. Mg. Co., Antigonishe, N. S.
Antioch Mg. Co., Leadville, Colo.....
Antler Ck. Mg. Co., Ltd., Vancouver, B. C.
Antlers Mg. & M. Co., Colo. Spr'gs, Colo..
Antlers Park Regent Mg. Co., Colorado Springs, Colo.....
Aola G. Mg. Co., Colorado Springs, Colo..
Apollo Con. Mg. Co., San Francisco, Cal...
App & Co., Jamestown, Cal.....
Apple-Ellen G. Mg. Co., Colo. Spr'gs, Colo.
Applebe, Jas., Ophir, Utah.....
April Fool Mg. Co., De Lamar, Nev.....
Aquila y La Salud, El, Las Vegas, Mex..
Arana G. Mg. Co., Denver, Colo.....
Arbacoochee Placer Mg. Co., Arbacoochee, Ala .....
Arbie, Wm., Sparta, Ore.....
Arcadia G. Mg. Co., Cripple Creek, Colo...
Archibald & Korzix, Prescott, Ariz.....
Archuleta, D., Cerro, N. Mex.....
Arctic Placer Mg. Co., San F., Cal.....
Ardory, A. M., Carson City, Nev.....
Argent Cons. M. & M. Co., Grand Junction, Colo .....
Argentine Mg. Co., Osburn, Idaho.....
Argentina Mg. Co., San Luis Potosi, Mex..
Argentina y Anexas Minera de San Luis Potosi, Mex.....
Argentum G. & S. Mg. Co., Columbia, Cal.
Argentum-Juniata Mg. Co., Aspen, Colo...
Argentum Mg. Co. of W. Va., Aspen, Colo.
Argo Mg., D., Trans. & T. Co., Denver, Colo. .....
Argo G. M. & M. Co., Jamestown, Colo.....
Argo M. Co., Idaho Springs, Colo.....
Argonaut Con. M. & M. Co., Denver, Colo.
Argonaut Mg. Co., Jackson, Cal.....
Argus Mg. Co., Taylor, Nev.....
Argyle G. Mg. Co., Chicago.....
Argyle, Wm., Tecoma, Nev.....
Aviadora, Cia., Calpulapam, Mex.....
Ariz. Con. G. & S. Mg. Co.,Green Bay,Wis.
Arkansas Mg. Co., Lionhill, Ark.....
Arkarro, H., Ono, Cal.....
Arlington Mg. Co., New York.....
Arlington Mg. Co., Portland, Ore.....
Armado & Sac. Can. Co., Mich. Bar, Cal..
Armstrong, J., & Co., Marlow, Que.....
Armstrong, W. T., Grizzly Flats, Cal.....
Arnold G. & S. Mg. Co., San F., Cal.....
Arnold, Nate, Columbia, Cal.....
Arnot, J., Camptonville, Cal.....
Arrington, Arthur, Louisburg, N. C.....
Arrington, Wm., San Francisco, Cal.....
Arthur, J., Baker City, Ore.....
Arvilla T. & Mg. Co., Denver, Colo.....
Ashbrook, M. V., Letcher, Cal.....
Ashcroft, H., Placerville, Idaho.....
Ashland Mg. Co., Ashland, Ore.....
Ashwith, J. E., Ottawa, Ont.....
Aspen Contact Mg. Co., Aspen, Colo.....
Aspen Fav. M. Co., Aspen, Colo.....
Aspen Mg. & Smelting Co., Aspen, Colo...
Aspen Mt. T. & Mg. Co., Aspen, Colo.....
Aspen United M. & M. Co., Colo. Spgs, Colo .....
Asti Mg. Co., Asti, Cal.....
Atchison, Claud, Panaca, Nev.....
Atchison, Frank, Panaca, Nev.....
Atea & Wieck, Arivaca, Ariz.....
Atl. Hill G. M. & M. Co., Atlanta, Idaho..
Atlanta, Cripple Creek & Creede Mg. Co., Cripple Creek, Colo.....
Atl. & Ida. G.&S. Mg. Co., Atlanta, Idaho.
Atlanta M. & M. Co., Colo. Spgs, Colo.....
Atlanta M. & M. Co., Sandpoint, Idaho.....
Atlantic Cable Con. Mg. Co., Denver, Colo.
Atlantic Mg. Co., Ft. Collins, Colo.....
Atlantic & Pac. Mg. Co., Butte, Mont.....
Atlantic & Pacific Mg. & M. Co., Denver, Colo. .....
Atl.-Pac. Ry Tun. Co., Denver, Colo.....
Atwood, Isaac, Redding, Cal.....
Atwood, Lefron & Co., Boundary Crk, B.C.
Atwood & Co., Boundary Creek, B. C.....
Atwood & Lemon, Boundary Creek, B. C...
Atwood & Schofield, Boundary Crk., B. C..
Atwood, Smith & Co., Boundary C'k, B. C.
Auberry, R., Cottage Grove, Cal.....
Augusta Mg. Co., St. Louis, Mo.....
Aulve Mg. Co., Adin, Cal.....
Aurora Mg. Co., Magalia, Cal.....
Austerlitz G. Mg. Co., Norwich, Conn.....
Austin, Chas., Sargents, Colo.....
Austin Mg. Co., Austin, Nev.....
Austin, Wm., Boundary Creek, B. C.....
Aviadora, Cia, Calpulapam, Mex.....
Aviadora de la Mina de la Natividad, Cia, Calpulapam, Mex.....
Aviadora de Minas, Cia, Guadalajara,Mex.
Avila y Javela Cia Minera, Inde, Mex.....
Avoca Mg. Co., Aspen, Colo.....
Ayl & Pelton, Shingle Springs, Cal.....
Aylward & McLaughlin, Juneau, Alaska...
Aztec G. M. Co., Denver, Colo.....
Azul Mg. Co., El, Matehuala, Mex.....
Azzalea, Frank, Silver City, Utah.....
Babcock, Antone, Lida, Nev.....
Babcock, Lorenzo, Mona, Utah.....
Babcock & Miles H'ware Co., Castle, Mont.
Bacon, Chas., Banner, Cal.....
Bacon Mg. Co., Breckenridge, Colo.....
Bad Mg. Co., Rat Portage, Ont.....
Bade, H., San Andreas, Cal.....
Bader, C. W., Magalia, Cal.....
Bader, Jno., & Bro., Magalia, Cal.....
Badger Boy & Ivanhoe Mg. Co., Colorado Springs, Colo.....
Badger Hill G. Mg. Co., N. San Juan, Cal.
Badger Mg Co., Bear Valley, Cal.....
Badger Mg. Co., Beowawe, Nev.....
Badger Mg. Co., Bonanza, Idaho.....
Badger, S., Mg. Co., Milwaukee, Wis.....
Bailey, A. V., Deming, N. Mex.....
Baiges, Juan, Chichicapa, Mex.....
Bailey, C. M., Selad Valley, Cal.....
Bailey, E. S., Dumont, Colo.....
Bailey, Jno., Selad Valley, Cal.....
Bailey, J. M., San Francisco, Cal.....
Bailey, L. N., San Diego, Cal.....
Bailey, M., Selad Valley, Cal.....
Bailey, N., Julian, Cal.....
Bailey Bros., Julian, Cal.....
Bailey Tunnel G. M. Co., New York.....
Bailey & McDonald, Carlisle, N. Mex.....
Baird, Logan, Garfield, Cal.....
Baisly, Sam, Baker City, Ore.....
Baisly, S. & J., Baker City, Ore.....
Baisly Bros. & Co., Baker City, Ore.....
Baisley Elkhorn Mg. Co., Portland, Ore...
Baisley & Klopp, Granite, Ore.....
Baker, A. M., Chinese Camp, Cal.....
Baker, J. T., O'Neals, Cal.....
Baker & Keller, O'Neals, Cal.....
Baker, Geo., & Sons, Ft. Jones, Cal.....
Baker Divide Mg. Co., San F., Cal.....
B. C. Gold & S. M. Co., Baker City, Ore...
B. C. Natl. Bank, Baker City, Ore.....
Baker Hill Mg. Co., San Francisco, Cal...
Baker Silver Mg. Co., Georgetown, Colo...
Balaklava Mg. Co., Redding, Cal.....
Balam, E. S., Camp Badger, Cal.....
Balarat Mg. Co., You Bet, Cal.....
Balback, Chas., Neal, Idaho.....
Bald Butte Mg. Co., Helena, Mont.....
Bald Eagle Mg. Co., Havilah, Cal.....
Bald Hill Mg. Co., Angel's Camp, Cal.....
Bald Mtn. Mg. Co., Castle Gate, Utah.....
Bald Mtn. Ex. G. Mg. Co., Downieville,Cal.
Bald Mtn. G. Mg. Co., La Porte, Cal.....
Bald Mt. Tunnel Co., Sonora, Cal.....
Baldiece, J., Humboldt House, Nev.....
Baldwin, E. J., San Francisco, Cal.....
Baldwin, W. E., Haworth, Colo.....
Baldwin & Coins, Sugar Loaf, Colo.....
Baldwin & Mockey, Bonanza, Colo.....
Baley, E. A., & Co., American Fork, Utah.
Ball Mg. Co., Sawyer Bar, Cal.....
Ballard & Neville, Jamestown, Cal.....
Ballif, Adolph, Dillon, Colo.....
Balthazar & Christenson, Eureka, Utah...
Baltic Mg. Co., Graniteville, Cal.....
Baltic Con. Mg. Co., Grass Valley, Cal.....
Baltimore Belle Mg. Co., Jamestown, Colo.
Baltimore Mg. Co., Georgetown, Colo.....
Baltimore M. & M. Co., Denver, Colo.....
Baltimore S. Mg. Co., San F., Cal.....
Balton, E. L., Igo, Cal.....
Bandora M. & M. Co., Colo. Sp'gs., Colo..
Bangkok Mg. Co., Leadville, Colo.....
Bank of California, San Francisco, Cal.....
Bank of Chico, Chico, Cal.....
Bankok Cora Bell Mg. Co., Denver, Colo..
Banks, Jos. Jr., Minersville, Utah.....
Banner Mg. Co., Pomona, Cal.....
Banner G. Mg. Co., Rich Gulch, Cal.....
Banner G. M. & M. Co., San F., Cal.....
Banner G. & S. Mg. Co., San F., Cal.....
Bannock Ditch & Mg. Co., B'k City, Mont..
Barachios G. Mg. Co., Wine Harbour, N. S.
Baratini, D., Murphy, Cal.....
Barbee, Th., Malheur, Ore.....
Barcelona Mg. Co., New York.....
Bardue, W. N., San Francisco, Cal.....
Baredon, L., Monterey, Mex.....
Barker Bros., Nothart, Mont .....
Barker Bros., Ophir, Utah.....
Barker, C. R., Banning, Cal.....
Barker M. Co., Silverton, Colo.....
Barker Mg. Co., Barker, Mont.....
Barker & Herman, Baker City, Ore.....
Barklage Est., Greenwood, Cal.....
Barklarge, W., Georgetown, Cal.....
Barlhoff Bros., Fulford, Colo.....
Barlow, Theo., Rico, Colo.....
Barnard, N. S., Sparta, Ore.....
Barnes, A. H., Reno, Nev.....
Barnes, E. L., Newburg, Tenn.....
Barnes, G. W., Tollhouse, Cal.....
Barnes, H., Shingle Springs, Cal.....
Barnes, Jos., Marble, Colo.....
Barnes G. Mg. Co., Shingle Springs, Cal...
Barnes Mg. Co., Placerville, Cal.....
Barnes & Co., Yreka, Cal.....
Barnet, L., Austin, Ore.....
Barnett, Jno., White Hills, Ariz.....
Barney & Welch, Lowell Hill, Cal.....
Barnhardt, Jno., Portland, Colo.....
Barnhart, A., Bridgeport, Ore.....
Barreras, Gadalupa, Juan Tafoya, N. Mex..
Barrett, A., Cortez, Colo.....
Barrett, James, Milford, Utah.....
Barry, H. W., Denver, Colo.....
Barry C. & Co., Sawyer Bar, Cal.....
Barry & James, Sawyer Bar, Cal.....
Barstow M. & M. Co., Titusville, Pa.....
Barta Bros., Wickes, Mont.....
Barted Mg. Co., Deadwood, Cal.....
Bartelle, P., Belmont, Nev.....
Bartholomew B. & Co., Bridgeport, Ore....
Bartholone, A., Onyx, Cal.....
Bartlett, E. T., Coles, Cal.....
Bartlett, F. L., Canon City, Colo.....
Bartolmae, G., Silver Plume, Colo.....
Bartolome de Medina, Mexico, Mex.....
Barton, E. D., Camp Badger, Cal.....
Barton, H., Oak Bar, Cal.....
Barton, H. D., Aukland, Cal.....
Barton, J., Oak Bar, Cal.....
Barton, Dr. O. L., Rocklin, Cal.....
Barton Mg. Co., Murray, Idaho.....
Barton & Patterson, Weldon, Cal.....
Basche, P., Baker City, Ore.....
Basil Duke M. & M. Co., Cripple Creek, Colo. .....
Basin Mg. & Con. Co., Helena, Mont.....
Bassick Contact G. & S. M. & M. Co., Silver Cliff, Colo.....
Basto, Jno., Independence, Cal.....
Basye Wesley, Canyon Ferry, Mont.....
Bates, B., Alpine City, Utah.....
Bates Hunter Mg. Co., Central City, Colo..
Bates & McEwen, Telluride, Colo.....
Bates & Urich, Weatherby, Ore.....
Battlefield Mg. Co., Galena, Kan.....
Bay State G. M. & M. Co., Colorado Springs, Colo.....
Baxter, A. J., Osoyoos, B. C.....
Bayer, J. C., Hornbrook, Cal.....
Baylie, Riser & Arnold, Deerfield, Mont..
Bazinet, P., Hildreth, Cal.....
Beach, Dowd & Kellogg, Quincy, Cal.....
Beach & Pate, Sugar Loaf, Colo.....
Beach & Waldron, Hahns Peak, Colo.....
Beacon G. Mg. Co., Cripple Creek, Colo...
Beagle, B., Granite, Ore.....
Beagle Bros. & Co., Portland, Ore.....
Beake, Fred'k, Oakley, Idaho.....
Beaman, E. P., Pine Grove, Nev.....
Bean, J. M., Washington, Cal.....
Bear & Comet Mine, Juneau, Alaska.....
Bear Creek & Alluvial M. Co., Ltd., Rocky Bar, Idaho.....
Bear Creek Mg. Co., Telluride, Colo.....
Bear Gulch Mg. Co., Helena, Mont.....
Bear Lake Cons. Mg. Co., Victoria, B. C..
Bear Mountain M. & M. Co., Aspen, Colo..
Bear Valley Mg. Co., San Bernardino, Cal..
Beard & Mussey, White Rock, Nev.....
Beardsby & McNeil, Marble, Colo.....
Beardsley Mg. Co., Bay Horse, Idaho.....
Beasley, Jno., Dillon, Colo.....
Beatrice Con. Mg. Co., Colo. Spgs., Colo...
Beatrice G. Mg. Co., Murphy, Cal.....
Beattie, Wm., Van Winkle, B. C.....
Beattie Bros., Georgetown, Cal.....
Beattie, Harris & Toole, Helena, Mont....
Beattie & Parsons Con. Placer Mg. Co., Georgetown, Cal. .....

GOLD AND SILVER—Continued.

Beaumont, F. B., Magnolia, Colo.....
Beaumont, Jno., Eagle, Colo.....
Beaupre, John B., Fort Saskatchewan, N. W. T.....
Beaver, J. W., White River, Cal.....
Beaver & Crocker, White River, Cal.....
Beaver Creek M. & M. Co., Colorado Springs, Colo.....
Beaver M. & M. Co., Beaver Mine, Ont..
Beaver Creek Stamp M., Cripple C'k, Colo.
Beaver S. Mg. Co., Port Arthur, Ont.....
Beck, C. J., Zebra, Cal.....
Beck, W., O'Neals, Cal.....
Becker, J. A., Sitka, Alaska.....
Beckerton, R. W., Temescal, Cal.....
Beck Mg. Co., Steins Pass, N. Mex.....
Beckman, E., Acton, Cal.....
Beckman Hill Gravel Mg. Co., Nevada City, Cal.....
Bee Mountain Mg. Co., Lenoir, N. C.....
Beecher, Jas., Anderson, Cal.....
Beed, Chas. H., Ophir, Cal.....
Beele Mtn. G. Mg. Co., Colo. Spgs., Colo..
Beers, R., Malheur, Ore.....
Beers, J. F. & F. H., New York.....
Begel & Day, Dedrick, Cal.....
Beinrick, R., Butte Valley, Cal.....
Beitu, Robt., Placerville, Colo.....
Beker, Eli, Peavine, Nev.....
Belcher Mg. & L. Co., Denver, Colo.....
Belcher S. Mg. Co., San Francisco, Cal....
Bell, Judge A., Redding, Cal.....
Bell Champion Co., Rico, Colo.....
Bell Champion & Com. Mg. Co., Rico, Colo.....
Bell, Chas., Lovelocks, Nev.....
Bell, D. T. R., Cripple Creek, Colo.....
Bell Fountaine G. Mg. Co., Nev. City, Cal.
Bell G. Mg. Co., Dubuque, Iowa.....
Bell, J., Shasta, Cal.....
Bell, Jos. E., Shasta, Cal.....
Bell, Kemler & Reinhardt, Paradise Valley, Nev.....
Bell, N., Pinos Altos, N. Mex.....
Bell, R. L., Quincy, Cal.....
Bell & Stephens, Pinos Altos, N. Mex.....
Bell-Union Mg. Co., Willow Creek, Nev...
Bellacorta, A., Greenwood, Cal.....
Belle G. M. & M. Co., Salt L. City, Utah..
Belle Isle Mg. Co., Tuscarora, Nev.....
Belleview Mg. & Agr. Co., Belleview, Cal..
Belleville Mg. Co., Baker City, Ore.....
Bellevino Mg. Co., Soulsbyville, Cal.....
Bellevue Hudson Mg. Co., Denver, Colo..
Bellevue King Mg. Co., Bellevue, Idaho..
Bellevue Mg. Co., Denver, Colo.....
Bellingham Bay Hyd. Mg. Co., Fairhaven, Wash.....
Belmont Gold Mines, New York.....
Belmont S. Mg. Co., San Francisco, Cal...
Belmont Mg. Co., Robinson, Colo.....
Belmont M. & M. Co., San Miguel, Colo...
Belshaw, M. W., San Francisco, Cal.....
Belt & Ridge, Greenland, Mich.....
Bemis, A. N., Bingham Canyon, Utah.....
Bemming Gold Mine, Dahlonega, Ga.....
Ben Butler Mg. Co., Red Cliff, Colo.....
Bender, D. A., Carson City, Nev.....
Benders, F. C., Callahan, Cal.....
Beneficiadora de Metales, Cia., Mexico, Mex.....
Ben F. M. & M. Co., Denver, Colo.....
Ben Franklin Mg. Co., Silver Cliff, Colo..
Ben Harrison G. & S. Mg. Co., Granite Falls, Minn.....
Ben Hur Mg. Co., Port Huron, Mich.....
Ben Hur M. & M. Co., Cripple Creek, Colo.
Benham, A., Butte, Mont.....
Benham & Co., Quartzburg, Idaho.....
Benham & Thomas, Oakland, Cal.....
Bennett, C. W., Salt Lake City, Utah.....
Bennett E. Pl. Mg. Co., Denver, Colo.....
Bennett, J., Rye Patch, Nev.....
Bennett, Nelson, Ronald, Wash.....
Bennett, R. H., Forks of Salmon, Cal.....
Bennett, R. W., Alpine City, Utah.....
Bennett, W., Scott River, Cal.....
Bennett, W. M., Juneau, Alaska.....
Bennett, W. P., Forks of Salmon, Cal....
Bennett & Miller, Taos, N. Mex.....
Bennett & McLaughlin, Forks of Salmon, Cal.....
Bennett & Sons, Baker City, Ore.....
Bennion Bros., Vernon, Utah.....
Benseslado, Moline, Juan Tafoya, N. Mex..
Benson, G., Althouse, Ore.....
Benson, Engstrom & Co., Beowawe, Nev..
Bernard, J. M., Nampa, Idaho.....
Berners Bay M. & M. Co., Juneau, Alaska.
Berry, Chas. H., Taos, N. Mex.....
Berry, Geo. B., Tres Piedras, N. Mex.....
Berry, S., Austin, Ore.....
Berry, Thos. W., White Pine, Colo.....
Berry & Choate, Granite, Ore.....
Berry & Sibold, Georgetown, N. Mex.....
Berthel, V. A., Mokelumne Hill, Cal.....
Bertolf Bros., Eagle, Colo.....
Berton & Lichtamo, Oak Bar, Cal.....
Besse, J. N., Inskip, Cal.....
Best & Belcher Mg. Co., Virginia City, Nev.....
Best Bros., Helmville, Mont.....
Best Friend Mine, Aspen, Colo.....
Bestes M. & M. Co., Boulder, Colo.....
Bevan L., Forks of Salmon, Cal.....
Bevans, S. C., North Bloomfield, Cal.....
Bianchi, B., Palisade, Nev.....
Bibee, Williams & Co., San Francisco, Cal.
Bidstrip, F. F., Mud Springs, Cal.....
Bidwell, J. A., Ivanpaugh, Cal.....
Biffas, F., Cherry, Ariz.....
Big Bar Mg. & Dred'g Co., Big Bar, B. C..
Big Bonanza Co., Van Winkle, B. C.....
Big Canyon G. M. & M. Co., San F., Cal..
Big Diamond M. & M. Co., Colo. Spgs, Colo.
Bigelow, G. W., Sawyer Bar, Cal.....
Bigelow, O., Sierra City, Cal.....
Big Four Con. Mg. Co., Denver, Colo.....
Big Four C. & G. Mg. Co., Cripple Creek, Colo.....
Big Four Mg. Co., Leadville, Colo.....
Big Hole Placer Mg. Co., S. L. City, Utah.
Big Horn G. Mg. Co., Colo. Springs, Colo..
Big Oak Tree Mg. Co., Colfax, Cal.....
Big Ox Mg. Co., Helena, Mont.....
Big Pocket M. & M. Co., Colo. Spgs., Colo.
Big Sand M. & M. Co., San F., Cal.....
Big Sandy Mg. Co., Kelsey, Cal.....
Bigger, R. A., Magnolia, Colo.....
Biggs, C., White River, Cal.....
Bigley, C. E. W., Liberty, Wash.....
Billings, Joe, Gold Hill, N. Mex.....
Billingsly, J., Cortez, Colo.....
Bilsups, R., Oak Bar, Cal.....
Bimetallic Con. Mg. Co., Carson, Nev.....
Bimetallic Mg. Co., St. Louis, Mo.....
Bimetallic M. & M. Co., Colo. Spgs., Colo..
Bingham, S. P., Placerville, Colo.....
Bingham G. Mines, Co., S. L. City, Utah..
Birch Creek Mg. Co., Birch Creek, Mont..
Birch Coulee Pl. & G. Co., Minneapolis, Minn.....
Birchard, Thos., Mariposa, Cal.....
Birds Eye C'k G. Mg. Co., You Bet, Cal..
Birge & Sherman, Twin Bridges, Mont..
Birney, T. L., Angel's Camp, Cal.....
Bishop, A. J., Michigan Bluff, Cal.....
Bishop, George, Miners' Delight, Wyo.....
Bishop Mg. Co., Bangor, Cal.....
Bismark M. & M. Co., Portland, Ore.....
Bismark S. Mg. Co., Calico, Cal.....
Bitner & Piesch, Spenceville, Cal.....
Bitoriana, B., Juan Tafoya, N. Mex.....
Black Bear Mg. Co., Gem, Idaho.....
Black Bear G. Mg. Co., Black Bear, Cal..
Black Bell & Quantrill Mg. Co., Eddy, Mont.....
Black Bros., Cottonwood Springs, Colo.....
Black Butte Mg. Co., Inyankara, Wyo.....
Black Colt Mg. Co., New York.....
Black C'k Hyd. Mg. Co., Vancouver, B. C.
Black Eagle Con. Mg. Co., Aspen, Colo....
Black Eagle Mg. & Red. Co., Salt Lake City, Utah.....
Black Hawk G. Mg. Co., Los Angeles, Cal.
Black Hawk Gravel Mg. Co., San F., Cal..
Black Hawk Mg. Co., Rico, Colo.....
Black Hills Placer Mg. Co., Boston, Mass.
Black Jack Q. Mg. Co., Ltd., Barkerville, B. C.....
Black, Jno., Manse, Nev.....
Black Knight Mg. Co., Chloride, N. Mex..
Black Lead Mg. Co., Genesee, Idaho.....
Black Maria Con. Co., Marysville, Cal....
Black Mg. Co., Bonanza, Idaho.....
Black Oak Mg. Co., Soulbysville, Cal.....
Black Prince Mg. Co., Custer, S. D.....
Black, S., Acton, Cal.....
Black Sand G. Mines, Denmark, Ore.....
Black, Sheridan & Wilson Co., Baltimore, Md.....
Black Slate G. Mg. Co., San F., Cal.....
Black Swan Mg. Co., Lake City, Colo....
Black Wonder G. Mg. Co., Colorado Springs, Colo.....
Black Wonder G. & S. Mg. Co., Boston, Mass.....
Blacksburg M. & M. Co., Blacksburg, S. C.
Blackstone G. Mg. Co., Colo. Spgs., Colo..
Blackstone G. Mg. Co., Denver, Colo.....
Blackstone Mg. Co., Cripple C'k, Colo.....
Blaine Mg. Co., Helena, Mont.....
Blair, Jed, Malheur, Ore.....
Blair Mg. Co., Salt Lake City, Utah.....
Blake Bros., Osburn, Idaho.....
Blake, E. H., Baker City, Ore.....
Blake, J. H., Canyon City, Ore.....
Blakemore, C. L., Lewiston, Cal.....
Blakemore & Springstead, Lewiston, Cal...
Blakesley, L. A., Humboldt, Nev.....
Bland Mg. & Tun. Co., Phillipsburg, Mont.
Blasdel, Henry G., San Francisco, Cal.....
Bleak House Mg. Co., Red Cliff, Colo.....
Bleibtrew, M., Greenwood, Cal.....
Blewett, G. C., Seattle, Wash.....
Blind Lead Mg. Co., Greenville, Cal.....
Blinn, E. P., Chloride, N. Mex.....
Block & Co., Buena Vista, Colo.....
Block & Ladley, Tollhouse, Cal.....
Blois, T. B., G. Mine, S. Rawdon, N. S...
Bloss & McClary, Trinity Centre, Cal.....
Blossom Mg. Co., Yuma, Ariz.....
Blossom's Mine, Ogilby, Cal.....
Blue Bell Con. M. & M. Co., Denver, Colo.
Blue Bell Mg. Co., Adin, Cal.....
Blue Bell Mg. Co., Anaconda, Colo.....
Blue Bell Mg. Co., Cripple Creek, Colo....
Blue Bell Mg. Co., Hayden Hill, Cal.....
Blue Bell M., M. & P. Co., Colorado Springs, Colo.....
Blue Bird Mg. Co., Butte, Mont.....
Blue Bird Mg. Co., Kaslo, B. C.....
Blue & Gold Mg. Co., Bangor, Cal.....
Blue Gravel Mg. Co., Henley, Cal.....
Blue G'l M. & M. Co., Nelson Point, Cal..
Blue Hill M. & M. Co., Breckenridge, Colo.
Blue Jay Cons. Mg. Co., S. L. City, Utah..
Blue Jay G. Mg. Co., Maybert, Cal.....
Blue Lead Gravel Mg. Co., Gridley, Cal...
Blue Lead Hyd. Co., Ltd., Quesnelle, B. C.
Blue Mount'n M. & M. Co., Tacoma, Ohio.
Blue Ridge M. Co., Lenoir, N. C.....
Bluett, Thos., Columbia, Cal.....
Blumberg, E. B., Greaterville, Ariz.....
Boa M. & M. Co., San Francisco, Cal.....
Board, W., Greenwood, Cal.....
Bob Lee Mg. Co., Kernville, Cal.....
Bob Lee G. Mg. Co., Colo. Spgs., Colo....
Bobby Burns Mg. Co., Placerville, Cal....
Bobier, J. R., Spokane, Wash.....
Bobtail Con. M. Co., Central City, Colo....
Bode, Herman, San Andreas, Cal.....
Bodie Con. Mg. Co., Bodie, Cal.....
Bodie Con. G. Mg. Co., San F., Cal.....
Boeing, Coryell & Sheehan, Fairview, B. C.
Bogan & Trescott, Arivaca, Ariz.....
Bogue, Geo., Boulder, Colo.....
Bohemia Mg. Co., Telluride, Colo.....
Bohemia G. M. & M. Co., Bohemia, Ore...
Bohna, J., Weatherby, Ore.....
Bohn Mg. Co., Leadville, Colo.....
Boland, A. C., Rapid City, S. D.....
Boland, Thos., Inyo, Cal.....
Bollenbaugh, D. J., Canyonville, Ore.....
Bolongeat, Jean, Callahan, Cal.....
Bolsenger, Hon. H. C., Bald Mtn., Colo...
Bolton, J. C., Minersville, Cal.....
Boles, W., Oak Bar, Cal.....
Bolle & Angus, Spring City, Nev.....
Bombay Gold Mg. Co., Colo. Spgs., Colo..
Bomter, Isaac, Jackson, Alaska.....
Bon Accord Placer Mg. Co., B'nock, Mont.
Bonanza C. C. G. Mg. Co., Chicago, Ill....
Bonanza & Golden Eagle Mg. Co., Harqua Hala, Ariz.....
Bonanza Hyd. Co., Lightning Creek, B. C..
Bonanza King G. M. & M. Co., Cripple Creek, Colo.....
Bonanza Mg. Co., Lillooet, B. C.....
Bonanza Mining Co., Clinton, B. C.....
Bonanza Mining Co., Lake City, Colo.....
Bonanza Mining Co., Sonora, Cal.....
Bonanza Mining Co., Wellesley, Ont.....
Boncher, J. M., Spring City, Nev.....
Bondurant G. Mg. Co., St. Louis, Mo.....
Bonelli, Geo. A., Rioville, Nev.....
Bonne, Chas., Cold Creek, Nev.....
Bonnor, Z., Rookville, Ga.....
Bonnor G. Mg. Co., Carrollton, Ga.....
Bonnybel Mg. Co., Aspen, Colo.....
Booco, J. S., Twin Lakes, Colo.....
Booher, Henry, Farnham, Colo.....
Booker, John, Gold Hill, Wyo.....
Booker Flat Cyanide Co., Bodie, Cal.....
Booker & Lupton, Sharpsdale, Colo.....
Boomerang Mg. Co., Bonanza, Idaho.....
Bootanie C'k G. Mg. Co., Vancouver, B. C
Booth & Co., Sacramento, Cal.....
Booth, Edwin, M. & M. Co., Denver, Colo
Booth G. Mg. Co., San Francisco, Cal.....
Boreil Mining Co., New York.....

Boreman, Geo., & Co., Baker City, Ore..
Borge Bros., Hawthorne, Nev.....
Borja Nestor, Ajuchitlan, Mex.....
Borman, G., Baker City, Ore.....
Born, Chas., Cold Creek, Nev.....
Borrette, F. A., White River, Cal.....
Borrevas, Duidero, Juan Tafoya, N. Mex..
Boss Mine Mg. Co., Breckenridge, Colo...
Boston Bar G. Mg. Co., Vancouver, B. C..
Boston-Colorado Con. G. Mg. Co., Colorado Springs, Colo.....
Boston Con. Group, Salt Lake City, Utah..
Boston G. Mg. Co., La Belle, N. Mex.....
Boston-Idaho T. M. & M. Co., Denver, Colo. .....
Boston Mining Co., Grass Valley, Cal.....
Boston Mining Co., Ward, Colo.....
Boston Tintic Co., Salt Lake City, Utah..
Boston & Arizona G. Mg. Co., New York..
Boston & Cripple Creek G. Mg. Co., Boston, Mass. .....
Boston & Montana Mg. Co., Butte, Mont..
Bost. & Mont. Con. Cop. & S. Mg. Co., Butte, Mont. .....
Boswell, G. W. Shasta, Cal.....
Boswell, J., Jr., Malheur, Ore.....
Boswell, Wm., Malheur, Ore.....
Boswell, W. A., Shasta, Cal.....
Boswell, W. W., Banner, Cal.....
Boswell, Bright & Walker, Banner, Cal....
Bote Mining Co., Zacatecas, Mex.....
Boulder Co. Mg. Co., Magnolia, Colo.....
Boulder Mg. Co., San Francisco, Cal.....
Boundary Creek Mg. Co., Spokane, Wash..
Boundless Mg. Co., Denver, Colo.....
Bourk, Geo., Fort Saskatchewan, N. W. T.
Bourne, Jno., Wells, Nev.....
Boursin, Henry, Juneau, Alaska.....
Bousman, M. D., Russell, Colo.....
Bowden, Edward, Dumont, Colo.....
Bowen, A., White River, Cal.....
Bowen, Harry, Baker City, Ore.....
Bowen, Taft & Kelley, Baker City, Ore...
Bowensox, W. H., Somes Bar, Cal.....
Bower, C. A., Cripple Creek, Colo.....
Bowers, Noah, Rock Point, Ore.....
Bowers & Co., Kingman, Ariz.....
Bowles, E. E., San Diego, Cal.....
Bowles, J. M., Hildreth, Cal.....
Bowles, Louis, San Francisco, Cal.....
Bowman Mg. Co., Eureka, Nev.....
Boyce & Taylor, Williams Creek, B. C....
Boyd, Geo., White Cross, Colo.....
Boyd, J. M., Baker City, Ore.....
Boyd, W. L., Dumont, Colo.....
Boyd & Co., Brindletown, N. C.....
Boye, C. F., Callahan, Cal.....
Boyer & Carpenter, Inskip, Cal.....
Boyington & Chase, Rye Patch, Nev.....
Boyle Mg. Co., San Francisco, Cal.....
Boysen, Dr. Thos., San Francisco, Cal....
Bozeman G. & S. Mg. Co., Bozeman, Mont.
Bozzi, Jas., Happy Camp, Cal.....
Bracken, M., Inskip, Cal.....
Bradley, Frank, Midas, Nev.....
Bradley, F. W., Kellogg, Idaho.....
Bradley, J. C., Osier, Colo.....
Bradley, J. H., Placerville, Cal.....
Bradley Mg. Co., Telluride, Colo.....
Bradley Quartz Mill, Sanger, Ore.....
Bradshaw, John, Minersville, Utah.....
Brady, J. G., Sitka, Alaska.....
Bragan, J. H., Georgetown, N. Mex.....
Bragan & Potter, Georgetown, N. Mex.....
Bragaw, John, Gold Hill, N. Mex.....
Brainsford, J. S., Quincy, Cal.....
Bramer, Wesley, Boulder, Colo.....
Branchi, Jos., Rioville, Nev.....
Brand, Jos., Downieville, Cal.....
Brandt G. Mg. Co., Genesee, Cal.....
Brandt, T. R., Steins Pass, N. Mex.....
Brandy City Hyd. Mg. Co., Camptonville, Cal. .....
Brangher, W., Twin River, Nev.....
Brass, A. E., Georgetown, Cal.....
Brass Wire Mg. Co., Henley, Cal.....
Bravo Mine Syndicate, Ltd., Pinos Altos, Mex. .....
Bravo Mine Syn., Pinos Altos, Chihuahua, Mex. .....
Bray, T., Mill City, Nev.....
Bray, W. A., Barry, Colo.....
Brazil, Frank, Haworth, Colo.....
Brazo Mg. Co., Baker City, Ore.....
Breckenridge M. & M. Co., Breckenridge, Colo. .....
Breece & Wheeler, Damascus, Cal.....
Breeden, J. T., Murphy, Ore.....
Breemenkampt, T. J., Eureka, Nev.....
Breman, S. J., Bittinger, Md.....
Brennan, T., Sierra City, Cal..... ....
Bret, Lacey & Barton, Oak Bar, Cal.....
Brewster, Joseph, Globe, Ariz.....
Brewster Bros., Cripple Creek, Colo.....
Breyfogle M. & M. Co., San Francisco, Cal.
Brick Pomeroy Mg. Co., Lake City, Colo..
Bridal Veil M. & M. Co., New York.....
Bridge River G. Mg. Co., Vancouver, B. C.
Bridgeport M. & M. Co., Bridgeport, Conn.
Briggs, C., White River, Cal.....
Briggs, W. T., Canyonville, Ore.....
Briggs Bros., Leon, Cal.....
Briggs M. & M. Co., Silverton, Colo.....
Bright, S., Jackson, Cal.....
Bright Light Mg. Co., Portland, Ore.....
Briley, S., Cortez, Colo.....
Brilton Mg. Co., Lower Wakefield, N. B..
Brinkenhoff, C. V., Rollinsville, Colo.....
Bristol, Chas., Orleans, Cal.....
Bristol, Jno. S., Whites, Mont.....
Bristol Mg. Co., San Francisco, Cal.....
Brite, Geo. A., Telluride, Colo.....
British-American Mg. Co., Butte, Mont....
B. Col. G. Dredging Co., Vancouver, B. C..
British Columbia Gold Fields Exploration Co., Vancouver, B. C.....
British Gravel Mg. Co., Bangor, Cal.....
British Col. M. & M. Co., Cariboo, B. C...
British Platinum Co., Granite Creek, B. C..
B. Col. Smelting Co., Vancouver, B. C.....
Britt, Jas., Osier, Colo.....
Broad Mtn. Mg. Co., Glenwood Spgs., Colo.
Brockman, Jos. E., Cherry, Ariz.....
Broken Hill G. Mg. Co., Cripple C'k, Colo.
Bromley & Orlando, Sonora, Cal.....
Brookfield Mg. Associates, N. B'field, N. S.
Brooklyn Mg. Co., Bingham Canyon, Utah.
Brooks & Clark, Hillsboro, N. Mex.....
Brookvale Mg. & Tramway Co., Colorado Springs, Colo. .....
Bross, M., Juab, Utah.....
Brossemer, Chas. A., Bullion, Nev.....
Bro. Jonathan Mg. Co., Cripple C'k, Colo..
Brough, E., Acton, Cal.....
Browder, S. A., Downeyville, Nev.....
Brown Bear G. Mg. Co., Deadwood, Cal..
Brown, C. T., Socorro, N. Mex.....
Brown, E., & Co., Lagrande, Ore.....
Brown, Geo., Gardnerville, Nev.....
Brown, Geo., Walker, Cal.....
Brown, G. S., You Bet, Cal.....
Brown, H. C., Harney, Ore.....
Brown, Jesse, Scottsboro, Ala.....
Brown, Jessie H., Silver King, Ariz.....
Brown, Jno., Cottage Grove, Cal.....
Brown, J. H., Boston, Mass.....
Brown, J. H., White Cross., Colo.....
Brown, J. J., Leadville, Colo.....
Brown, J. M., Placerville, Cal.....
Brown, J. R., Nimshew, Cal.....
Brown, J. S., Chloride, N. Mex.....
Brown, J. T., Deadwood, Cal.....
Brown, J. V. P., Rollinsville, Colo.....
Brown, L. A., Dillon, Mont.....
Brown, L. W., Taos, N. Mex.....
Brown, M. B., Cerrillos, N. Mex.....
Brown Mountain Mg. Co., Chicago, Ill....
Brown, Norman, White River, Cal.....
Brown, O., Cottage Grove, Cal.....
Brown, R. H., Temescal, Cal.....
Brown, S., & Co., Spanish Ranch, Cal.....
Brown, Walter, Susanville, Ore.....
Brown, Wm., French Gulch, Cal.....
Brown, Wm., Jamestown, Colo.....
Brown, W. Q., Riddles, Ore.....
Brown, Wm. W., San Francisco, Cal.....
Brown & Co., Huntington, Ore.....
Brown & Scott, Palmetto, Nev.....
Brownell, R. P., Hildreth, Cal.....
Brownlee & Booth, Custer, S. D.....
Brownlow M. & M. Co., Alma, Colo.....
Bruner, F., Angel's Camp, Cal.....
Bruner & Gilham, Harney, Ore.....
Bruno, Scott & Co., Portland, Ore.....
Brunswick Con. G. Mg. Co., San F., Cal..
Brunswick G. Mg. Co., Grass Valley, Cal..
Brunswick Mg. Co., Nevada City, Cal.....
Brunswick Mg. Co., Virginia City, Nev...
Brunt, Schorb & Co., Scotts Bar, Cal.....
Bruschi, F., Coulterville, Cal.....
Brush Heap Mg. Co., Detroit, Mich.....
Brush Hill Co., Hayden Hill, Cal.....
Bryan, Col. G. V., Boise, Idaho.....
Bryan, J. M., Auburn, Cal.....
Bryant, A. F., Bridgeport, Cal.....
Bryant, C. F., Diamond Springs., Cal....
Bryant, Frank S., Carbonate, S. D.....
Bryant G. Mg. Co., Lundy, Cal.....
Bryant, Joe, & Co., Diamond Springs, Cal.
Bryson, G. C., Carson City, Nev.....
Buchan, John, Fairview, B. C.....
Buchanan, Geo., Palisade, Nev.....
Buchanan, W. A., Twin Lakes, Colo.....
Buckeye Mg. Co., Murray, Idaho.....
Buckeye Mg. Co., Salt Lake City, Utah....
Buckeye M. & M. Co., Missoula, Mont.....
Buck Horn G. Mg. Co., Colo. Spgs., Colo..
Buckingham, C., Magnolia, Colo.....
Buckingham, C. G., Boulder, Colo.....
Buckland, O. S., Sparta, Ore.....
Buckland, S., New Bridge, Ore.....
Buckley, E. B., Inyankara, Wyo.....
Bucknam, C. C., Greenwood, Cal.....
Buell Gold Mining Co., Denver, Colo.....
Buffalo & Ida G. & S. Mg. Co., Atlanta, Idaho .....
Buffalo Mining Co., Butte, Mont.....
Buffington, Jos., Butte Valley, Cal.....
Buford Mining Co., Buford, Ga.....
Bugbey, Benj. N., Sacramento, Cal.....
Bulkley Bros., Leadville, Colo.....
Bulkley Bros & McDonald, Robinson, Colo.
Bulkley, Fred G., Leadville, Colo.....
Bulkley & McDonald, Leadville, Colo.....
Bulkley & Wood, Leadville, Colo.....
Bull, W. D., Igo, Cal.....
Bull Domingo Mg. Co., Silver Cliff, Colo..
Bull Domingo Mg. & L. Co., West Cliff, Colo. .....
Bull Hill Gold Mg. Co., Aspen, Colo.....
Bull Hill G. Mg. Co., Council Bluffs, Iowa.
Bull Hill Gold Mining & T. Co., Colorado Springs, Colo. .....
Bull of the Woods Mg. Co., Silver City, Ark. .....
Bullard, W. T., Silver Hill, Ark.....
Bullion, Beck & Champion Mining Co., Salt Lake City, Utah.....
Bullion Canyon Mining Co., Joliet, Ill....
Bullion Con. Mg. Co., San Francisco, Cal.
Bullion G. & S. Mg. Co., Anaconda, Mont..
Bullion Mining Co., Mohawk, Cal.....
Bulloch & Couzett, Deadwood, S. D.....
Bulpit, J. H., Bishop Creek, Cal.....
Bulwer Con. Mg. Co., San Francisco, Cal..
Bundy, H. J., Genesee, Idaho.....
Bunean Mg. Co., Salt Lake City, Utah.....
Buney, T. C., Columbia, Cal.....
Bunker Hill Mg. Co., Downieville, Cal.....
Bunker Hill G. Mg. Co., Amador City, Cal.
Bunker Hill & Sullivan Mg. & Con. Co., San Francisco, Cal.....
Bunt River Mining Co., Bridgeport, Ore...
Burch, L. H., Visage, Ga.....
Burchard, A. C., Keremeos, B. C.....
Burke, Harry, Miners' Delight, Wyo.....
Burke, J. N., Yankee Jim's, Cal.....
Burleigh, T., Ft. Saskatchewan, N. W. T..
Burlsom, C. M. & Co., Mokelumne Hill, Cal. .....
Burnett Mining Co., Leadville, Colo.....
Burnop, J., Los Angeles, Cal.....
Burns, F. N., Nevada City, Cal.....
Burns, J., & Co., Baker City, Ore.....
Burns, Jos., Soulsbyville, Cal.....
Burns, M. R., Lundy, Cal.....
Burns, Wm., Sawyer Bar, Cal.....
Burp, Alton, Ivanpah, Cal.....
Burp, Julius, Ivanpah, Cal.....
Burrell & Cartecay, Cartecay, Ga.....
Burt, A., Magalia, Cal.....
Burt & Bach, Bear Valley, Cal.....
Burton, D. V., Bakersfield, Cal.....
Burton, L. D., Loomis, Wash.....
Burton & Sewell, Glenville, Cal.....
Burwell, S., Hachita, N. Mex.....
Busch, A. C., Sierra City, Cal.....
Buser, Jno., Dyer, Nev.....
Bush G. & S. Mg. Co., Marinette, Wis....
Bushwhacker Mining Co., Aspen, Colo....
Bustos Felipe of Aguililla, Apatzingan, Mex. .....
Butcher Boy M. & M. Co., Denver, Colo..
Butler Basin Tun. Co., Mok'ne Hill, Cal..
Butler, Thos., Pardee, Mont.....
Butler & Levy, Washington Bar, Mont....
Butler & Luce, Prairie City, Ore.....
Butler & Scott, Chatham, Ont.....
Butler & Son, Bayles, Cal.....
Butte K. & Q. Con. Mg. Co., Chapparal, Cal. .....
Butte Mining Co., Eureka, Utah.....
Butte Queen Mg. Co., San Francisco, Cal..
Butte Saddle G. Mg. Co., Sierra City, Cal..
Butte Valley Mg. Co., Butte Valley, Cal..
Butte & Boston Mining Co., Butte, Mont...
Butte & Deer Lodge Placer Mining Co., Deer Lodge, Mont.....
Butterfield, A. L., Lundy, Cal.....
Butterfield, H. G., Custer, S. D.....
Butterfield Mg. Co., Salt Lake City, Utah.
Butts, Jas., Camp Badger, Cal.....
Butts, Jas., Newcastle, Cal.....

GOLD AND SILVER—Continued.

B. V. G. Mg. Co., Colorado Spgs., Colo...
Byber, Wm., Kerby, Ore.....
Byerts, W. H., Socorro, N. Mex.....
Byrom, W. W., Dayton, Nev.....
C. B. R. M. & M. Co., Brownsville, Ore..
C. & D. Mg. Co., Helena, Mont.....
C. K. & N. Mg. Co., Cripple, Creek, Colo..
C. O. D. G. Mg. Co., Colorado Spgs., Colo.
C. P. F. Mining Assn, Mt. Uniacke, N. S..
Cabalier & Co., Browns Valley, Cal.....
Cabell, Mrs. F., Granite, Ore.....
Cabell & Parker, Baker City, Ore.....
Cable Bros., Bourne, Ore.....
Cable & Co., Cable, Mont.....
Cactus Mg. Co., Frisco, Utah.....
Cadmus Mg. Co., Nevada City, Cal.....
Cadoza, A., O'Neals, Cal.....
Caffrey G'd Mg.Co.,Caribou G'd Mines,N.S.
Cahaly, Jos., Lida, Nev.....
Cahoon, A. A., Mt. Pleasant, Utah.....
Cairns, J., Grand Lake, Colo.....
Calaveras Con. Gold Mining Co., Angels Camp, Cal.....
Calaveras G. Mg. Co., Murphy, Cal.....
Calaveras Water & Mg. Co., Jenny Lind, Cal.....
Calcutta Gold M. & M. Co., Salt Lake City, Utah .....
Calde Tomas Coronel, Yerba Buena, Mex..
Caldicott, A. G., Gorman Sta., Cal.....
Caldwell, Judge, Nevada City, Cal.....
Caldwell & Co., Granite, Ore.....
Caldwell & Grant, Baker City, Ore.....
Caledonia S. Mg. Co., San Francisco, Cal..
Caley & Hyatt, Camp Creek, B. C.....
California Co., Carpenteria, Cal.....
Cal. G. Mg. Co., Oakland, Cal.....
Cal. G. Prod. Syn., Ltd., Downieville, Cal.
Cal. G. Q. Mg. & M. Co., San F., Cal.....
California Hill Co., Placerville, Idaho.....
California Mg. Co., Bath, Cal.....
Cal. Mg. Co., Central City, Colo.....
California Mg. Co., Forest City, Mont.....
California Mg. Co., Grass Valley, Cal.....
California Mg. Co., Portland, Ore.....
California Mg. Co., Wenatchee, Wash....
Cal. Portland Cement Co., Colton, Cal...
California Ramil Co., San Francisco, Cal..
Cal. & Hendricks Mg. Co., Castle, Mont..
Calkins, Kerr & Ellis, Lower Sackville, N. S. .....
Call, S. S., Kingston, N. Mex.....
Calumet G. Mg. Co., Middle Creek, Cal...
Calumet Mining Co., Gilman, Colo.....
Calumet Mill & G. Mg. Co., Redding, Cal..
Calumet M. & M. Co., Colo. Spgs., Colo..
Camacho, Francisco, Oaxaca, Mex.....
Cameron, A. N., Butte Valley, Cal.....
Cameron, Finley, Bodie, Cal.....
Cameron, Malcolm, Goldenville, N. S.....
Cameron Mining Co., Central City, Colo..
Camerson, T., Herling, Ore.....
Cammille G. Mg. Co., Natchez, Miss.....
Camille Gold Mine Co., Tallapoosa, Ga...
Camp Bird Mg. Co., Creede, Colo.....
Camp Fancy Mg. Co., Holy Cross, Colo..
Camp & Co., Happy Camp, Cal.....
Campagnie Du Boleo, San Francisco, Cal..
Campbell, Archibald, Juneau, Alaska.....
Campbell, A. D., Geyser, Nev.....
Campbell, D. D., Magalia, Cal.....
Campbell, Frank, Kingston, N. Mex.....
Campbell, Green, Vanderbilt, Cal.....
Campbell, J. A., San Bernardino, Cal.....
Campbell, J. C., Brownsville, Cal.....
Campbell, J. J., Ft. Halleck, Nev.....
Campbell, J. O., Rico, Colo.....
Campbell, O. D., Scott River, Cal.....
Campbell, P., Smartsville, Cal.....
Campbell, R., Ft. Halleck, Nev.....
Campbell, R. H., San Francisco, Cal.....
Campbell, Wm., Grass Valley, Cal.....
Campbell & Co., Smith River, Cal.....
Campo Seco Q. Mg. Co., Campo Seco, Cal..
Camprdown Mg. Co., Hornitas, Cal.....
Campton, A. D., Ely, Nev.....
Canada G. Mg. Co., Goldenville, N. S.....
Canada N. W. Land Co., Ltd., Winnipeg, Man. .....
Canadian Homestake Mg. Co., Rat Portage, Ont. .....
Canadian N. West Mg. Co., Helena, Mont.
Canadian Pacific Land Mort. Co., Victoria, B. C. .....
Canadian Pac. M. & M. Co., Minneapolis, Minn. .....
Canady, S. E. & Bro., Pollasky, Cal.....
Canary, E. J., Great Falls, Mont.....
Candela Mg. & Smelt. Co.,Philadelphia,Pa.
Candelaria Con. Mex. Mg. Co., San Francisco, Cal. .....
Candelaria M. & W. W. Co., Candelaria, Nev. .....
Candelaria y Anexas, La, San Luis Potosi, Mex. .....
Candice M. & M. Co., Clearfield, Pa.....
Cane, McCone & Kelly, Bodie, Cal.....
Canepka, Jos., Angels Camp, Cal.....
Canera, E., Los Cruces, N. Mex.....
Cane Spring Con. G. Mg. Co., Salt Lake City, Utah .....
Cannon, J., Black Bear, Cal.....
Cannon Ball G. Mg. Co., Denver, Colo.....
Cannon G. M. & M. Co., S. L. City, Utah..
Cant, Wm., Lamoille, Nev.....
Canyon C'k Mg. Co., Coeur d'Alene, Idaho.
Canyonville M. & Water Co., Eugene, Ore.
Capitol Mtn. Mg. Tun. & M. Co., Dumont, Colo. .....
Carbon C. L. & S. Mg. Co., Portland, Ore..
Carbon Investment Co., Elk Mountain, Wyo. .....
Carbonate Hill G. M. & M. Co., Colorado Springs, Colo. .....
Carbonate Mining Co., Los Angeles, Cal..
Carbonate Mining Co., Rico, Colo.....
Carbonate Mtn. Mg. Co., Vancouver, B. C.
Carder, Samuel, Haworth, Colo.....
Cardinal Bullion Co., New York.....
Carey, M., Ketchum, Idaho.....
Carey & Merill, White Hills, Ariz.....
Caribou Con. M. Co., Nederland, Colo.....
Cariboo Creek Mg. Co., Ltd., Donald, B. C.
Cariboo Gold Fields, Ltd. (England), Barkerville, B. C. .....
Cariboo Gold Fields, Barkerville, B. C....
Cariboo Gold Mg. Co., Halifax, N. S.....
Cariboo Hyd. Mg. Co., Ltd., Vancouver, B. C. .....
Cariboo M. & M. Co., Osoyoos, B. C.....
Cariboo Reefs Development Co. (Ltd.), Barkerville, B. C. .....
Cariboo & Horsefly Mg. Co., Osoyoos, B. C.
Cariboo & Kootenay P. & M. Co., Vancouver, B. C. .....
Cariboo M. & M. Co., Spokane, Wash.....
Cariboo S. Mg. Co., Salt Lake City, Utah..
Carl, J. L., Banner, Cal.....
Carley Bros., Murphy, Cal.....
Carley, R. J., Eureka, Colo.....
Carlin, H. Jr., Jamestown, Cal.....
Carlisle Mining Co., Carlisle, N. Mex.....
Carlson, Andrew, Copley, Cal.....
Carlson, J. P., New Windsor, Colo.....
Carmen, Cia. Minera El., Villaldama, Mex.
Carmen, El Cia., Villaldama, Mex.....
Carmen Minero, Mexico, Mex.....
Carmichael, D. A., Fairview, B. C.....
Carmichael & Wilkinson, Fairview, B. C..
Carmon, Bud, Clayton, Idaho.....
Carnbean Mg. Co., Holyoke, Colo.....
Carnes, Dan, McEwen, Ore.....
Carnían, T., Pony, Mont.....
Carolin, James, De Lamar, Idaho.....
Caroline Mining Co., Denver, Colo.....
Carolina Queen Con. Co., Boston, Mass...
Carpenter, C. H., Rico, Colo.....
Carpenter, C. W., Inskip, Cal.....
Carpenter, M., Baker City, Ore.....
Carpenter, S., Austin, Ore.....
Carr, J. E., Trinity Centre, Cal.....
Carr, Thos., Rock Point, Ore.....
Carr Mining Co., Black Hawk, Colo.....
Carrell, J. F., Caineville, Utah.....
Carrie Mining Co., Soulsbyville, Cal.....
Carrie S. G. Mg. Co., Council Bluffs, Iowa.
Carroll, D., Quartzburg, Idaho.....
Carroll, Murray, Fulley & Wells, Juneau, Alaska .....
Carson Creek Mg. Co., San Francisco, Cal.
Carson & Cradle, Oro Fino, Cal.....
Carson & Co., Osburn, Idaho.....
Carson Mining Co., Denver, Colo.....
Carson River Placer Mg. Co., New York..
Carson River Placer Mining Dredging Co., Dayton, Nev. .....
Carter, Ed, Breckenridge, Colo.....
Carter, S. L., Sawyers Bar, Cal.....
Carter, Tom, Lida, Nev.....
Carter, Wm., Nails, N. C.....
Cartwright & Phillips, Yreka, Cal.....
Carvajal, F., Greenwood, Cal.....
Cary, W., Georgetown, Cal.....
Cascade G. & S. Mg. Co., Portland, Ore..
Case, A., Granite, Ore.....
Cash Entry Mining Co., Santa Fe, N. Mex.
Cash Gold Mining Co., Aspen, Colo.....
Cash M. & M. Co., Gold Hill, Colo.....
Cash, W. B. & Co., Spokane, Wash.....
Cass & Phillips, Aspen, Colo.....
Cassaretto, Louis, Groveland, Cal.....
Cassel G. Extracting Co., Ltd., Vancouver, B. C. .....
Cassiar, Manuel, Juan Tafoya, N. Mex....
Cassidy, A. J., Pollasky, Cal.....
Cassidy, P., Willow Creek, Nev.....
Castella Bros., Temescal, Cal.....
Castello, Jno., Butte Valley, Cal.....
Casterline, E. B., Hornitas, Cal.....
Castle Crescent Mining Co., White Sulphur Springs, Mont.....
Castle Mining Co., Helena, Mont.....
Castle Peak Mining & Smelting Co., Aspen, Colo. .....
Castro, Miguel, San Miguel, Mex.....
Cataract Mining Co., Helena, Mont.....
Cataract & Wide West Gravel Mining Co., San Francisco, Cal.....
Catching, S. S., Riddles, Ore.....
Cate, J., Granite, Ore.....
Cates, R. S., Baker City, Ore.....
Catherine Noble Mining Co., Minneapolis, Minn. .....
Catherwood Gold Mg. Co., New York.....
Cathey Bros., Bear Valley, Cal.....
Catlin, Wm., Hachita, N. Mex.....
Catlow Bros., Clark Fork, Idaho.....
Cato Mining & Milling Co., Denver, Colo..
Catocin Silver Mining Co., Prescott, Ariz..
Catskill Gravel Mg. Co., Marysville, Cal...
Catulpa Mining Co., Leadville, Colo.....
Cave Mining Co., Minersville, Utah.....
Cavin, A., Coles, Cal.....
Cavin, J., Baker City, Ore.....
Cayot, F., La Porte, Cal.....
Cedar Creek Mg. Co., San Francisco, Cal..
Cedar Springs Gold Grove Mining Co., Placerville, Cal.....
Cedrous Island M. & M. Co., National City, Cal. .....
Centennial Eureka Mining Co., Salt Lake City, Utah .....
Centennial Mg. Co., Idaho Spgs., Colo....
Centennial Q. Mg. Co., Grass Valley, Cal..
Central Aspen S. Mg. Co., Aspen, Colo.....
Central Mining Co., Redding, Cal.....
Central N. Star Mg. Co., Grass Valley, Cal.
Central Rawdon Mg. Co., Windsor, N. S...
Centre Star Mining & Smelting Co., Butte, Mont. .....
Ceraboo Mg. & Smelt. Co., Camden, N. J..
Cerrillos Mining Co., Cerrillos, N. Mex...
Cerro de San Andres y Anexas, Mexico, Mex. .....
Chainman Mining Co., Ely, Nev.....
Challenge Con. Mg. Co., San F., Cal.....
Chamberlain, N. H., Calomo, Mont.....
Chamberlain-Raymond & Co., Boulder, Colo. .....
Chamberlain, V. M., Lewiston, Cal.....
Chamberlain, W. A., Yreka, Cal.....
Chamberlain, W. I. & Co., Denver, Colo....
Chamberlain, W. R., Reno, Nev.....
Chambers, James, Nacooche, Ga.....
Champaign M. & M. Co., Colo. Spgs., Colo.
Champa Mg. & M. Co., Denver, Colo.....
Champion, Geo., Leadville, Colo.....
Champion Empire Mg. Co., Aspen, Colo....
Champion G. Mg. Co., San Francisco, Cal..
Champion G. M. & M. Co., New London, Wis. .....
Champion Hyd. Mg. Co., Quesnelle, B. C...
Champion, J. B., San Francisco, Cal.....
Champion Mg. Co., Deer Lodge, Mont.....
Champion Mg. Co., Nevada City, Cal.....
Chaners, Chas., Howard, Colo.....
Chapin, Wm. C., San Francisco, Cal.....
Chaplin & Co., Boundary Creek, B. C.....
Chaplin & Ruenberger, Boundary Creek, B. C. .....
Chapman, E. W., Georgetown, Cal.....
Chapman, Jas. A., Lake City, Colo.....
Chapman, Jno., Trinidad, Cal.....
Chapman, Jos., White Cross, Colo.....
Chapman, Thos., Gibsonville, Cal.....
Chapman, W. S., San Francisco, Cal.....
Chappelet, F., Chile Gulch, Cal.....
Charles, Dr., Canton, Ga.....
Charlevoix G. Mg. Co., Colo. Spgs., Colo..
Charpe, J. A. & Co., Pendleton, Ore.....
Chase, F., Whittier, Cal.....
Chat. M. & M. Co., Colorado Spgs., Colo..
Chaves, Ignacio F., Mexico, Mex.....
Chaver, Ignacio F., Asientos, Mex.....
Cheney, J., Greenwood, Cal.....
Chestatee Mining Co., St. Louis, Mo.....
Cheyenne Con. Mg. Co., Deadwood, S. D..
Cheyenne Mining Co., Cheyenne, Wyo.....
Chiatorich, Jno., Silver Peak, Nev.....
Chicago C. C. G. Mg. Co., Cripple Creek, Colo. .....

Chicago Mining Co., Twin River, Nev.....
Chicago & Little Rock Mining Co., Buffalo City, Ark.....
Chicago & Mont. Mg. Co., Libby, Mont....
Chickering, H. G., Panamint, Cal.....
Child, Willard, Springville, Utah.....
Childers, F. F., Greaterville, Ariz.....
Childs & Nicherson, Nacooche, Ga.....
Chilsen, E. P., Gorman, Cal.....
Chilson & Judd, Keremeos, B. C.....
Chimborazo Mg. Co., Colorado Springs, Colo.
Chimchosmay Gold Placer Co., New York..
Chinese Claims, Folsom, Cal.....
Chinese Co., Klamath, Cal.....
Chinn, R. W., Dumont, Colo.....
Chipps Mg. Co., Sierra City, Cal.....
Chisholm Creek Co., Stanley, B. C.....
Chisholm M. & M. Co., Bozeman, Mont....
Chispo Mining Co., Montgomery, Nev.....
Chloride Cons. Mg. Co., Le Grande, Ore...
Chloride Hill M. & M. Co., Davenport, Wash.....
Chloride M. & M. Co., Harris, Ore.....
Chloride Mining & Red. Co., Chloride, N. Mex.....
Choat, J. & Bro., Willow Creek, Nev.....
Chollar Mg. Co., San Francisco, Cal.....
Chowen, D., Stanford, Mont.....
Chrisman, Wm., Rico, Colo.....
Chrisolite M. Co., Leadville, Colo.....
Christensen, B., Eureka, Utah.....
Christensen, H. P., Copley, Cal.....
Christensen, M., Igo, Cal.....
Christensen, Wm., Alamo, Mont.....
Christensen & Foster, Redding, Cal.....
Christensen, I., Bay Horse, Idaho.....
Christian, F., Magalia, Cal.....
Christiansen & Wilkie Mining Co., Idaho Springs, Colo.....
Christie, E. F., Chelan, Wash.....
Christie, J. E., Breckenridge, Colo.....
Christie, Lizzie, Los Angeles, Cal.....
Christman, M., Leadville, Colo.....
Christman & Robinson Bros., Pinos Altos, N. Mex.....
Christmas Gift M. & M. Co., Helena, Mont.
Christnot & Co., Inskip, Cal.....
Christy, Chas., Tecoma, Nev.....
Christy Mg. Co., San Francisco, Cal.....
Christy M. & M. Co., San Francisco, Cal..
Chronan Bros., Sawyer Bar, Cal.....
Church, Mrs. C. H., Magalia, Cal.....
Church, Thos. R., San Francisco, Cal.....
Church G. Mg. Co., El Dorado, Cal.....
Cimarron Mining Co., Telluride, Colo.....
Cincinnati Bell G. Mg. Co., Banner, Cal...
Cincinnati & C. G. M. & M. Co., Breckenridge, Colo.....
Cinnabar Mining Co., Highland, Ill.....
Cinlo Creek Mg. & M. Co., San F., Cal....
Cisneros, Francisco, Guanajuato, Mex....
Citizens' Mining & Leasing Co., Leadville, Colo.....
Clancy Creek Mining Co., St. Paul, Minn..
Clara G. Mg. Co., Grizzly Flats, Cal.....
Clara M. & M. Co., Leadville, Colo.....
Clare, J. C., Placerville, Colo.....
Clare L. Mg. Co., Lake City, Colo.....
Claremont Cons. Mining Co., Stevensville, Mont.....
Clarey, S., Henley, Cal.....
Clarissa Mining Co., Idaho Springs, Colo..
Clark Bros., Daggett, Cal.....
Clark, Chas. M., Prescott, Ariz.....
Clark, D. & Co., Ainsworth, B. C.....
Clark, E. J., Mullan, Idaho.....
Clark Fork Mg. Co., Clark Fork, Idaho..
Clark, H. L., Brownsville, Cal.....
Clark, J., Humboldt, Nev.....
Clark, J. F., Mill City, Nev.....
Clark, L. C., Yerington, Nev.....
Clark Mining Co., Stanley, B. C.....
Clark, N., Manse, Nev.....
Clark, O. T., Milford, Utah.....
Clark, R., Monticello, Cal.....
Clark, Reuben, Brownsville, Cal.....
Clark, S. W., Henley, Cal.....
Clark, W. A., Butte, Mont.....
Clark, W. C., Arivaca, Ariz.....
Clark, W. J. et al., Whitehall, Mont.....
Clark W. N., Portland, Colo.....
Clark & Co., Somesbar, Cal.....
Clark & McClay, Columbia, Nev.....
Clark & Murray, Butte, Mont.....
Clark & Reithmann, Lincoln, Colo.....
Clark & Rulison, Canyon City, Ore.....
Clark & Searle, Cornucopia, Ore.....
Clark & Smith, Leland, Ore.....
Clark, Thompson & Co., Clayton, Idaho...
Clarke, A. J., Ophir, Colo.....
Clarke, John, Tin Cup, Colo.....
Clarke, J. M., Toronto, Ont.....
Clarke, J. W., Clayton, Idaho.....
Clarno, F., Portland, Ore.....
Claude Mining Co., Baldy, N. Mex.....
Claude M. & M. Co., Manitou, Colo.....
Clauson, Chris., Dumont, Colo.....
Clay Co. Mg. Co., Central City, Colo.....
Clay, Thompson & Watts, Lake Valley, N. Mex.....
Clayton Mg. & Smelt. Co., Clayton, Idaho.
Clear Creek Mg. Co., Empire, Colo.....
Cleft Mining Co., Missoula, Mont.....
Cleland, F., Yreka, Cal.....
Cleland, J., Yreka, Cal.....
Clem & Butcher, Princeton, Mont.....
Clemens, W. B., Jamestown, Colo.....
Clements, Richard, Nederlands, Colo.....
Clemmons & Weber, Colorado Spgs., Colo..
Cleopatra Mining Co., Billings, Mont.....
Cleopatra Mg. Co., Colorado Spgs., Colo..
Cleopatra Silver Mg. Co., Chicago, Ill....
Cleveland Cons. Co., Weatherby, Ore.....
Cleveland Con. Mg. Co., Red Bluff, Cal....
Cleveland Con. Mg. Co., Silver City, Utah.
Cleveland G. Mg. Co., Leadville, Colo.....
Cleveland G. Mg. Co., Scales, Cal.....
Cleveland G. Mg. Co., Sierra City, Cal....
Cleveland G. & S. Mg. Co., Chicago, Ill...
Cleveland Mg. Co., Salt Lake City, Utah..
Cleveland & Montezuma Silver Mining Co., New York.....
Cleveland Quartz Mg. Co., Sierra City, Cal.
Clifton Con. Mg. Co., Neiland, Cal.....
Climax Mining Co., Telluride, Colo.....
Clinch & Co., Grass Valley, Cal.....
Clinton, P., Cerro Gordo, Cal.....
Clinton Mining Co., Deadwood, S. D.....
Clipper Mining Co., Nicholia, Idaho.....
Clipper G. Mg. Co., Kennett, Cal.....
Clone, Jacob, Peavine, Nev.....
Clough, E. E., Sparta, Ore.....
Clough, Wm. O., Visalia, Cal.....
Clute, M. F., Redlands, Cal.....
Clyde G. Mg. Co., Sulphur Creek, Cal....
Coad, J., Magalia, Cal.....
Coale, A. W., Hillside, Colo.....
Cobb, Frank E. & Co., Holbrook, Nev.....
Cobb & McKinnie, Cripple Creek, Colo...
Cobbler Mining Co., Rico, Colo.....
Cochran, Jas. T., Ketchum, Idaho.....
Cochrane, E. C., Camptonville, Cal.....
Cochrane Hill G. Mg. Co., Halifax, N. S..
Cocking, Harry, Barry, Colo.....
Cody, M. J., Lundy, Cal.....
Coeur d'Alene Mg. & Con. Co., Spokane, Wash.....
Coeur d'Alene, Nellie Mg. Co., St. Paul, Minn.....
Coeur d'Alene S. L. Mg. Co., Butte, Mont.
Coey, Jas., San Francisco, Cal.....
Coffey, J. W., Dunlap, Cal.....
Coffey, Patrick, Inskip, Cal.....
Coffin, L., Grand Lake, Colo.....
Cohen, H. A., Morey, Nev.....
Cohen, Richard, Vallecita, Cal.....
Cohn, A., Carson City, Nev.....
Coin Gold Mining Co., Chicago, Ill.....
Colby, C. P., Mokelumne Hill, Cal.....
Cole, Thos., San Francisco, Cal.....
Cole, Wm., Grizzly Flats, Cal.....
Coleman, C., Markleeville, Cal.....
Coleman, Jas., Midas, Nev.....
Coleman, Jno. C. & Ed., Grass Valley, Cal.
Coleman, J. V., San Francisco, Cal.....
Coleman, N. J., Diamond Springs, Cal....
Coletran, H., Colorado Springs, Colo.....
Colfax Mining Co., Colorado City, Colo..
Colfax Mg. Co., Colorado Springs, Colo....
Colin, Graham & Co., Columbia, Cal.....
Collier, D., Austin, Ore.....
Collier, W., Murphy, Cal.....
Collier Mining Co., Murphy, Cal.....
Collins, Barney, Weldon, Cal.....
Collins, Chas. N., Red Mountain, Colo.....
Collins, Geo. E., Twin Lakes, Colo.....
Collins, H. O., Black Hawk, Colo.....
Collins & Dean, Magalia, Cal.....
Collins & Garfield, Nederland, Colo.....
Collins & O'Leary, Lead, S. D.....
Collopy, Jno., Lewiston, Cal.....
Collum, Arthur, Axial, Colo.....
Col. Sellers Mg. Co., Leadville, Colo.....
Colorado Bonanza Union T. & Mg. Co., New York.....
Colo. Cen. Con. Mg. Co., Georgetown, Colo.....
Colorado City & Manitou Pros. & M. Co., Colorado City, Colo.....
Colo. Eastern Railroad Co., Denver, Colo..
Colo. Elect. Plac. M. Co., Denver, Colo....
Colo. G. Mg. & M. Co., Denver, Colo.....
Colorado Mg. & S. Co., Butte, Mont.....
Colorado Mine & Tun. Co., Aspen, Colo...
Colorado Placer Mg. Co., Bridgeport, Ore..
Colorado & Kentucky Mining & Smelting Co., Louisville, Ky.....
Colorado & Utah Gold Mg. & M. Co., Denver, Colo.....
Colorado & Utah Mining & Slate Co., Colorado Springs, Colo.....
Colt Bros., Malheur, Ore.....
Columbia American Mining Co., Spokane, Wash.....
Columbia Channel Gold Mining Co., San Francisco, Cal.....
Columbia Con. G. Mg. Co., Denver, Colo..
Columbia G. Mg. Co., Ellensburg, Wash..
Columbia G. & S. Mg. Co., Michigan Bluff, Cal.....
Columbia Hydraulic Co., Chicago, Ill.....
Columbia & Kootenay Smelting Co., Revelstoke, B. C.....
Columbia Mining Co., Alma, Wis.....
Columbia Mg. Co., Yale, B. C.....
Columbia M. & M. Co., Reading, Pa.....
Columbia-Menona M. & M. Co., Telluride, Colo.....
Columbia Mill, Telluride, Colo.....
Columbia Mine, Chicago, Ill.....
Columbia Placer Co., Minneapolis, Minn..
Columbian G. & S. M. & M. Co., Salt Lake City, Utah .....
Columbine G. Mg. Co., Colo. Spgs., Colo..
Columbine-Victor Deep Mining G. T. Co., Colorado Springs, Colo.....
Columbus Mining Co., Central City, S. D..
Columbus Mining Co., Pittsburg, Pa.....
Colusa Parrot Mining Co., Butte, Mont...
Colonio Negociacione del Mexico, Mex.....
Combination Mining Co., Granite, Mont...
Combination M. & M. Co., St. Louis, Mo..
Comet Cons. Mg. Co., Hollvale, Colo.....
Come Up Mg. Co. of Colo., Boston, Mass..
Commercial Mg. Co., Curtiss, Ariz.....
Commiscona, G., Coultersville, Cal.....
Commodore Tunnel Co., Creede, Colo.....
Commonwealth Con. Mg. Co., San F., Cal.
Commonwealth Mg. Co., Idaho Spgs., Colo.
Commonwealth Mg. Co., Tuscarora, Nev..
Commonwealth M. & M. Co., Neihart, Mont.....
Como G. Mining Co., Denver, Colo.....
Companion Mining Co., Cornucopia, Ore..
Compromise Mining Co., Aspen, Colo.....
Compromise Mining Co., Leadville, Colo..
Compton, Lem, Peavine, Nev.....
Comstock Tunnel Co., New York.....
Concord Mill, Oldham, N. S.....
Concordia, Cia. La, Guanajuato, Mex.....
Conde, Port, Baker City, Ore.....
Condon, Judge, Mariposa, Cal.....
Conduit G. Mining Co., Denver, Colo.....
Cone & Wells, Florence, Idaho.....
Confidence Mg. Co., Cooney, N. Mex.....
Confidence Silver Mg. Co., Hawthorne, Nev.....
Congress Gold Mg. Co., Prescott, Ariz....
Conha, Antonia, Big Pine, Cal.....
Conklin & McCarthy, Gold Gulch, Cal.....
Conklin Sampling Co., S. L. City, Utah...
Conlan, D., St. Louis, Cal.....
Conlee, J. A., Stanton, Ariz.....
Conley, J. H., Rimini, Mont.....
Conlin & Graham, Columbia, Cal.....
Conlon G. Mg. Co., Grass Valley, Cal.....
Conmee, James, Port Arthur, Ont.....
Connaut, J., Redding, Cal.....
Connell, P. H., Silver City, Utah.....
Conner, T. J., Virginia City, Mont.....
Connor, Hugh, Canyon City, Ore.....
Connor, John O., Visalia, Cal.....
Connor Ck. M. & M. Co., Portland, Ore...
Connors, Jno., Twin Lakes, Colo.....
Connors, Mike, Haworth, Colo.....
Conrad, A., Big Oak Flat, Cal.....
Conrad, Lewis, Smartsville, Cal.....
Conrade, Chas., Belmont, Nev.....
Conradie, D., Rail Road Flat, Cal.....
Conroy, Barney, Redding, Cal.....
Conservative M. & M. Co., Colorado City, Colo. .....
Consol Bonanza Mg. & S. Co., Spokane, Wash.....
Con. Cal. & Va. Mg. Co., San F., Cal.....
Con. Cop. & S. Mg. Co., Rawlins, Wyo...
Con. Dos. Palmis Mg. Co., Indio, Cal.....
Con. Eureka G. Mg. Co., San F., Cal.....
Con. Eureka Mg. Co., Soulsbyville, Cal....
Con. Fraction Mg. Co., Idaho Spgs., Colo..
Con. Golden Gate & S. M. & Dev. Co., San Francisco, Cal.....
Consolidated Gold Mg. Co., Halifax, N. S.

GOLD AND SILVER—Continued.

Cons. G. & S. Mg. Co., Columbia, Nev...
Con. Imp. Mg. Co., San Francisco, Cal....
Cons. Imperial Mg. Co., San F., Cal.....
Consolidated Mg. Co., St. Louis, Mo.....
Consolidated Mg. & Red. Co., New York..
Cons. Nebraska Mg. Co., Beatrice, Neb....
Cons. N. Y. Mg. Co., San Francisco, Cal..
Con. Pac. Mg. Co., San Francisco, Cal....
Cons. Rico R. Mg. Co., Denver, Colo.....
Con. San Gothard G. Mg. Co., San F., Cal.
Con. Seaton Mg. Co., Idaho Springs, Colo.
Con. Tiger & Poorman Mg. Co., Burke, Idaho .....
Con. True G. Mg. Co., Placerville, Cal....
Con. Wyoming G. Mg. Co., San F., Cal....
Con. Wyoming Mg. Co., Nevada City, Cal.
Constance Mining Co., Alberni, B. C.....
Consumers Land & Water Co., Michigan Bar, Cal.....
Contention Con. Mg. Co., San F., Cal.....
Contention Mining Co., Lake City, Colo...
Continental Chief M. Co., Leadville, Colo..
Continental G. & S. Mg. Co., Rockford, Ill.
Contra Estaca Con. Mex. Mining Co., San Francisco, Cal. .....
Conway, Jas., Panaca, Nev.....
Conwell, H. A., Brownsville, Cal.....
Conzett & Bullock, Deadwood, S. D.....
Conzetti, S., Cecilville, Cal.....
Cook Bros., Raymond, Cal.....
Cook Bros. Est., Coulterville, Cal.....
Cook, Daniel, Calneville, Utah.....
Cook, F., Douglas, Alaska.....
Cook, J., Vernon, Utah.....
Cook, Jud., Sparta, Ore.....
Cook, L. F., Baker City, Ore.....
Cook, S., Angels Camp, Cal.....
Cook, Leach & Co., Victor, Cal.....
Cook, R. A. & Sons, Draper, Ore.....
Cooks Peak Mining Co., Hadley, N. Mex..
Cooley, Jno., Tecoma, Nev.....
Coon, Jno., Belmont, Nev.....
Cooper, Alex., Dumont, Colo.....
Cooper, D., Weatherby, Ore.....
Cooper, Jos., Oakley, Idaho.....
Cooper, T. M., Williams, Cal.....
Cooper Mg. & Trad'g Co., Kodiak, Alaska.
Coosa Creek Mg. Co., Rochester, N. Y....
Coover, Chas., San Francisco, Cal.....
Copeland, G., Vallecito, Cal.....
Copes, J. G., Sugar Loaf, Colo.....
Copes, R. T., Sugar Loaf, Colo.....
Copper Falls Mg. Co., Boston, Mass.....
Copper King Mg. Co., Hillsboro, N. Mex..
Copper Mtn. G. Mg. Co., Colo. Spgs., Colo.
Copper Queen Con. Mg. Co., San F., Cal..
Copperopolis Mg. Co., Silver City, Utah..
Coptis Mg. Co., San Francisco, Cal.....
Cora Belle Mg. Co., Buena Vista, Colo.....
Cora Mining Co., Deadwood, S. D.....
Corazon de Jesus, El, Mexico, Mex.....
Corbett & Wyman, Deming, N. M.....
Corbin, F., Sawyer Bar, Cal.....
Corcoran, H., Co., Placerville, Idaho.....
Corkhill, Fred, Candelaria, Nev.....
Corlett, Jno., Candelaria, Nev.....
Cornejo, Octaviano H., Durango, Mex.....
Cornelia Mining Co., St. Louis, Mo.....
Cornelius & Shaver, Twin Lakes, Colo.....
Cornell, F. A., San Francisco, Cal.....
Cornish, Thos., Georgetown, Colo.....
Cornucopia Mg. Co., Great Falls, Mont...
Coronado Mining Co., Leadville, Colo.....
Corsair Mining Co., Creede, Colo.....
Corsler, W. H., Carson City, Nev.....
Cortez Mines, Ltd., Cortez, Nev.....
Cortinco, Henriques S., Tlaquiletenango, Mex. .....
Corwin, Ough & Lozano, Auburn, Cal.....
Cory, L. H., Etna, Cal.....
Cosmopolite Mg. Co., Groveland, Cal.....
Cossell, Ivans, Silver Hill, Ark.....
Costa, John, Inskip, Cal.....
Costello, F. F., Florissant, Colo.....
Cotton, W., Lake Valley, N. Mex.....
Cottonwood G. Mg. Co., Ltd., Nelson, B. C.
Cottonwood Mining Co., Cedarville, Cal...
Cottonwood M. & M. Co., Ft. Bidwell, Cal.
Couch, Capt., Merced, Cal.....
Couch, W. G., Benton, Cal.....
Coughanour, D. E., Quartzburg, Idaho....
Coughanour, Fred, Quartzburg, Idaho.....
Coulter, Geo. C., Hamilton, Nev.....
Country Harbour Gold Mines, Stormont, N. S. .....
Courtney, J. W., Henley, Cal.....
Cowen & Taft, Bourne, Ore.....
Cowherd & Western, Loomis, Wash.....
Cowles, E. J. & Co., Ft. Halleck, Nev....
Cox, G. W., Table Rock, Cal.....
Cox, W. T., Downeyville, Nev.....
Cox & Walterhouse, Nampa, Idaho.....
Coyle, J. L., Hornbrook, Cal.....
Coyle & Coyle, Phoenix, Ariz.....
Coyne Mining Co., Van Winkle, B. C.....
Cozens, W. Z., Fraser, Colo.....
Crabtree & Harvey, Sullivan, Me.....
Crafts & Son, Alleghany, Cal.....
Craig & Caldwell, Granite, Ore.....
Craig Gold Mine, Cleveland, Ga.....
Craig & Reeves, Philadelphia, Pa.....
Crain, Hon. J. P., Lawrence, Kan.....
Craine, E., Midas, Nev.....
Cram, Geo., Utica, Mont.....
Cranage, W. D., Forest Hill, Cal.....
Cranage & Fiderer, Forest Hill, Cal.....
Cranard, W. R., Harney, Ore.....
Crandall, D. C., Magalia, Cal.....
Crandall, J. B., Willow Creek, Nev.....
Crane, J. H., Hillsboro, N. Mex.....
Crane, W. E., Cortez, Colo.....
Cranj, P. M., Newcastle, Cal.....
Crater Mining Co., Magnolia, Colo.....
Cravath, Gus., Escondido, Cal.....
Crawford, Austin, Chloride, N. Mex.....
Crawford, Dr., Ridgway, Colo.....
Crawford, E. H., Creede, Colo.....
Crawford, J. J., Placerville, Cal.....
Crawford, John W., San Marcial, N. Mex..
Crawford, R., Callahan, Cal.....
Crawford, T. & Co., Union, Ore.....
Crawford, Wm., Harney, Ore.....
Crawford & Co., Scotts Bar, Cal.....
Creede & Cripple Creek M. & M. Co., Colorado Springs, Colo.....
Creede Leasing & Mg. Co., Denver, Colo...
Creede M. & M. Co., Denver, Colo.....
Creedmoor M. & M. Co., Del Norte, Colo..
Creighton Gold Mg. Co., Larchwood, Ont..
Creighton M. & M. Co., Creighton, Ga....
Creole No. 2 Mg. Co., Park City, Utah....
Creole Silver Mg. Co., Park City, Utah....
Crescent Gold Mining Co. of Marmora, Ltd., Montreal, Que. .....
Crescent Gold Mg. Co., Montreal, Que....
Crescent Mg. Co., Boundary Falls, B. C...
Crescent Mg. Co., Leadville, Colo.....
Crescent Mg. Co., Park City, Utah.....
Crescent M. & M. Co., Crescent Mills, Cal.
Cresco Mg. Co., Lake City, Colo.....
Cresson Con. G. M. & M. Co., Chicago.....
Creston Mg. Co., Deadwood, S. D.....
Cripple C'k Bonanza G. Mg. Co., Denver, Colo .....
Cripple Creek Bullion G. Mg. Co., Cripple Creek, Colo.....
Cripple Ck. Con. Mg. Co., Colo. Spgs, Colo.
Cripple Creek Gold Exp. Co., Council Bluffs, Iowa.....
Cripple Ck. G. Mg. Co., Colo. Spgs, Colo..
Cripple Creek G. Mg. & Dev. Co., Cripple Creek, Colo.....
Cripple Creek G. Mg. & T. Co., Colorado Springs, Colo.....
Cripple Creek Syn. M. & M. Co., Denver, Colo .....
Cripple Creek & Victor Con. Mg. & Dev. Co., Denver, Colo.....
Cripple Dist. Mg. Co., Denver, Colo.....
Crisler & Decker, Carson City, Nev.....
Criss, Henry, Nogales, Ariz.....
Crisson, E. E., Dahlonega, Ga.....
Cristy, Chas., Tacoma, Nev.....
Critts, Aug., Empire City, Nev.....
Croce, Bart., Midas, Nev.....
Crocker, F. R., White River, Cal.....
Crocker, R. E., Ft. Jones, Cal.....
Crocker Gold Mines, Whitburn, N. S.....
Croesus G. Mg. Co., Kennett, Cal.....
Croff, W. L., Minersville, Utah.....
Crone, W. W., Caleb, Ore.....
Cronise, W. H. V., San Francisco, Cal....
Crook Gen. S. Mg. Co., Deadwood, S. D...
Crooker Bros., Henley, Cal.....
Crosett, Jas. F., San Francisco, Cal.....
Cross, Willis, Cherry, Ariz.....
Cross Creek Mg. Co., Holy Cross, Colo....
Crossbow G. Mg. Co., San Francisco, Cal..
Crossin, M., Quartzburg, Idaho.....
Crow, J. M., Lewiston, Cal.....
Crowe M. & M. Co., Lake City, Colo.....
Crowell, C. A., Stella, Cal.....
Crowley, Arthur, Three Rivers, Cal.....
Crown Mg. Co., Wallace, Idaho.....
Crown Point G. & S. Mg. Co., San F., Cal.
Crown Point Mg. Co., Bland, N. Mex.....
Crown Point Mg. Co., Duluth, Minn.....
Crown Point Mg. Co., Grass Valley, Cal...
Crown Point Mg. Co., Lake City, Colo.....
Crown Point Mg. Co., San F., Cal.....
Crown Point M. & M. Co., Ltd., Spokane, Wash .....
Crown Point Va. G. Mg. Co., Denver, Colo.
Crowned King Mg. Co., Edinburg, Ill.....
Cruger, G., Acton, Cal.....
Cruickshank, Wm., Belmont, Nev.....
Cruishank G. Mg. Co., Jolon, Cal.....
Crymbler & Co., Buena Vista, Colo.....
Crystal Gold Mg. Co., Mattawa, Ont.....
Crystal M. & M. Co., Onio Ranch, Cal.....
Crystal Spgs. Mg. Co., Crystal Spgs., Ark.
Crystal Spg. Mg. Co., Grub Gulch, Cal....
Cub Mg. Co., Butte Valley, Cal.....
Cubbins & Hancock, Belmont, Nev.....
Culner Bros., Ft. Duchesne, Utah.....
Cum Ah Took, Happy Camp, Cal.....
Cumberland Con. M. & M. Co., Aspen, Colo.
Cumberland Mg. Co., Kingston, N. Mex...
Cumberland Mg. Co., Three Forks, B. C..
Cumberland M. & S. Co., Castle, Mont....
Cumberland & Osceola G. M. & M. Co., Boston, Mass.....
Cummelford, Mark, Boulder, Colo.....
Cumming, Alejandro, Guanajuato, Mex....
Cummings, J. K., Callahan, Cal.....
Cummings M. & M. Co., Denver, Colo.....
Cunningham, D. R., Gold Hill, N. Mex....
Cunningham, W. P., Cerrillos, N. Mex....
Curlew Mg. Co., Victor, Mont.....
Curley, J. C., Belmont, Nev.....
Currahee G. Mg. Co., Philadelphia, Pa....
Curran, Jno., Panamint, Cal.....
Curran, Martin, Mullan, Idaho.....
Curran, Mortimer, Los Angeles, Cal.....
Curran Mg. Co., Leadville, Colo.....
Currans, John, Silver City, S. D.....
Currency Mg. Co., Colorado Springs, Colo.
Currency Mg. Co., Denver, Colo.....
Currie, N., Chinese Camp, Cal.....
Currigan, Martin, Denver, Colo.....
Curtis, C. F., Barry, Colo.....
Curtis, Levi, Springville, Utah.....
Cusick, G. W., Michigan Bluff, Cal.....
Custer & Maud Mg. Co., Chicago.....
Custer Mg. Co., Wallace, Idaho.....
Custer Mg. Syndicate, St. Louis, Mo.....
Cut Diamond M. & M. Co., Colo. Springs, Colo .....
Cutler, Warren, Twin Lakes, Colo.....
Cuyn, P. J., Greaterville, Ariz.....
Cyclonius M. & M. Co., Salt L. City, Utah.
Cyclops Mg. Co., Central City, Colo.....
Czar Mg. Co., Lake City, Colo.....
Daddy G. Mg. Co., Murray, Idaho.....
Daghst, Jas., Chloride, N. Mex.....
Daisy G. Mg. Co., Chicago.....
Daisy Mg. Co., Irwin, Colo.....
Daisy Mg. Co., Spokane, Wash.....
Daisy Mg. & Red. Co., Spokane, Wash...
Dake, H. H., Tecoma, Nev.....
Dale, W., Hayden Hill, Cal.....
Da Lee, J. G., Red Cliff, Colo.....
Dalker, Chas., Leadville, Colo.....
Dalrymple, M., Fairview, B. C.....
Dalton G. Mg. & M. Co., S. L. City, Utah..
Dalton Lark Mg Co., Salt Lake City, Utah.
Daly Mg. Co., Salt Lake City, Utah.....
Daly-West Mg. Co., Park City, Utah.....
Damascus Mg. Co., San Francisco, Cal....
Damon G. Mg. Co., Cripple Creek, Colo...
Danbar Flat Hyd. Co., Stanley, B. C.....
Danberg, H. C., Gardnerville, Nev.....
Dandy, James, Fort Saskatchewan, N.W.T.
Dandy Mg. Co., Nelson, B. C.....
Danford & Potter, Colorado Springs, Colo.
Daniels, Frank, Lewiston, Cal.....
Daniels, J. J., Lewiston, Cal.....
Dante G. Mg. Co., Colorado Springs, Colo.
Dardanelles Mining Co., Kasio, B. C.....
Dardanelles G. Mg. Co., Forest Hill, Cal..
Darrow, J., Shingle Springs, Cal.....
Darrow & Co., Sonora, Cal.....
Datemonel, D. D., Gap Creek, Tenn.....
Daucher, J., Belleville, Nev.....
Davenport Bros., Carlisle, N. Mex.....
Davenport F'dy Co., Davenport, Iowa.....
Davenport & McDonald, Carlisle, N. Mex..
Davey & Son, Wallace, Idaho.....
Davidson, M., Mokelumne Hill, Cal.....
Davie & Hammond, Osoyoos, B. C.....
Davis, A. F., Rimini, Mont.....
Davis, A. P., Dunlap, Cal.....
Davis Bros., Organ, N. Mex.....
Davis, Chas., Boulder, Colo.....
Davis, Col., Auburn, Cal.....
Davis, E. W., Hornbrook, Cal.....
Davis, Henry, Grass Valley, Cal.....
Davis, J. A., Berthoud, Colo.....
Davis, Jas., Columbus, Nev.....
Davis, Lee, Silver Hill, Ark.....
Davis, Lewis, Helena, Mont.....

Davis, L. J., Ft. Jones, Cal.
Davis, N. S., Florissant, Colo
Davis, Oliver, & Co., Fairview, B. C.
Davis, S., Roslyn, Wash
Davis, Wm., Petty, Ark
Davis, W. J., Minersville, Utah
Davis, W. S., Cornucopia, Ore
Davis, W. W., Bingham Canyon, Utah
Davis, W. W., Eldorado, N. C
Davis & Co., Columbia, Cal
Davis & Co., Martin, Wash
Davis & Cory, Inskip, Cal
Davis & Sanford, Aurum, Nev
Davis & Son, Vance, Wash
Davison, Hans, Minersville, Utah
Dawson, D. L., Temescal, Cal
Dawson, S. S., Tomichi, Colo
Dawson & Co., Silver Plume, Colo
Daxon, Wm., Mullan, Idaho
Dayton G. & S. Mg. Co., Silver City, Nev.
Dead Medicine Mg. Co., Spokane, Wash.
Deadwood G. & S. & C. Mg. Co., Ophir, Colo
Deadwood Terra Mg. Co., New York
Deadwood Terra & Cal. G. Mg. Co., Terraville, S. D.
Dean, H. H., Nacooche, Ga
Dean, Walter E., San Francisco, Cal
Dean, W. S., Quincy, Cal
Dean & Morton, Trinity Centre, Cal
Deasy, Jerry, Austin, Ore
Death Valley Mg. Co., Darwin, Cal
Decatur Mines Syndicate, Denver, Colo.
December Mg. Co., Jamestown, Colo
Defrance Mt. Mg. Co., Glenwood Springs, Colo
Deck, T. M., Mineral Point, Colo
Decker, H., Carson City, Nev
Dee, E. W., Breckenridge, Colo
Deep Gravel Placer Co., Sumpter, Ore
Deep Mg. & Drainage Co., Aspen, Colo.
Deerhorn Mg. Co., Cripple Creek, Colo.
Deer Lodge Mg. & Red. Co., Princeton, Mont
Deering, Thos., Greaterville, Ariz
Deetken, G. F., Auburn, Cal
Defender G. Mg. Co., Colo. Springs, Colo.
Defferam, Aug., Groveland, Cal
De Forrest & Co., Huffville, Va
DeGracia, Daniel, Kelly, N. Mex
DeGroot, Wm., Cocorro, N. Mex.
De Hart, Leo, Olympia, Wash
De Lamar Mg. Co., De Lamar, Idaho
Delameter & Odonegon, Helmville, Mont.
De Land & Colline, Nederland, Colo
Delante Mg. Co., Leadville, Colo
Del Coronado G. Mg. Co., Colo. Spgs, Colo.
Delhi Mg. Co., North Columbia, Cal
Delhi Mg. Co., Nort San Juan, Cal
Delmoncia Mg. Co., Placerville, Cal
Del Monte M. & M. Co., Colo. Spgs, Colo.
Del Norte Mg. Co., Tuscarora, Nev
Del Norte M. & M. Co., Del Norte, Colo.
De Menles, A. J., Organ, N. Mex
Demming & Gardner, Oro Fino, Cal
Democrat Mg. Co., Bannister, Idaho
Demorest, D. D., Altaville, Cal
Demorrest & Johnson, Sudbury, Ont
Demphey, E. E., Bay Horse, Idaho
Dempsey, M., Lake City, Colo
Denbigh G. Mg. Co., Milwaukee, Wis
Dench, J., Placerville, Cal
Dench & Keyser, Placerville, Cal
Dengy, J., & Co., Stockton, Utah
Dennenbrink, N., Gilta, Cal
Denney, A. M., Cottonwood Spgs, Colo.
Dennis, F. S. & J. J. Jerome, Kingman, Ariz
Denny, Flak & Co., Callahan, Cal
Denver City Mg. Co., Leadville, Colo.
Denver Mg. Co., Leadville, Colo
Denver Summit Gold Co., Boston, Mass.
Denver & Creede Mg. Co., Denver, Colo.
Denver & Cripple Creek Mg. Co., Denver, Colo
Denver & Ogden Mg. Co., Ogden, Utah
Denvers, Forman & Co., Breckenridge, Colo
Denzler, R., Boundary Creek, B. C.
Denzler & Douglass, Boundary Crk, B. C.
Denzler & Gibbs, Boundary Creek, B. C.
Derbec Blue Gravel Mg. Co., San F., Cal.
Derby, Thos., New Almaden, Cal
Derry A., Garretson, S. D.
Derwent, J. L., Hamilton, Wash
Desher, J., Sawyer Bar, Cal
Desert C. & S. M. & M. Co., Salt Lake City, Utah
Desert Mg. Co., Marysvale, Utah
Des Moines G. Mg. Co., Colo. Spgs, Colo.
Desota Mg. Co., Calico, Cal

Devereux Bros. & Bulkley, Aspen, Colo.
Deveraux, W. B., Glenwood Springs, Colo.
De Vore, Dr., Sparta, Ore
Dewer, A., & Co., Sumpter, Ore
Dew Drop Adit M. & M. Co., Ward, Colo.
Dewey, C. H., Magalia, Cal
Dexter, A. J., Loomis, Wash
Dexter G. & S. Mg. Co., Tuscarora, Nev.
Dexter Mill Co., Butte, Mont
Diadem Mining Co., Edmanton, Cal
Diamond Creek Cal. G. & S. Mfg. Co., San Francisco, Cal
Diamond Dev. Co., Cheyenne, Wyo
Diamond Hill Mg. Co., Townsend, Mont.
Diamond Joe Mg. Co., Cedar, Ariz
Diamond Mg. Co., Ruby Hill, Nev
Diamond Tun. G. & S. Mg. Co., Baltimore, Md
Diana G. & S. Mg. Co., San Francisco, Cal.
Diana Mg. Co., Tuscarora, Nev
Diana M. & M. Co., Atlantic, Wyo
Diaz Porferio M. Co., San Francisco, Cal.
Dickenson, R. W., Bickley's Mills, Va
Dickerhoff & Goyne, Diamond Spgs, Cal.
Dickerson, John, Quartzburg, Idaho
Dickey, J., Cimarron, Colo
Dickey & Larmy, Hillsboro, N. Mex.
Dickie, Wm., Melrose, Mont
Dickinson, B. F., Forest City, Cal
Dickinson, M. A., Cripple Creek, Colo.
Diddy & Conwell, Trinity Center, Cal.
Diego, Lorenzo & Co., Columbia, Cal
Dieholder, Jno., Hamilton, Nev
Dietz, Chas., Rock Creek, B. C
Dietz, Jno., Silver Cliff, Colo
Difficult Crk G. M. & M. Co., Aspen, Colo.
Diggles, H. J., Fort Jones, Cal
Dignoux, J. E., Dayton, Nev
Dill & Brown, Sanger, Ore
Diller, W., Boulder Valley, Mont
Dillon Hill Mg. Co., Happy Camp, Cal.
Dimmick Bros., Pinos Altos, N. Mex
Dingle, S., Dumont, Colo
Dingwall, W. B. A., Matehuala, Mexico.
Dinning & Thomas, Connor Creek, Ore.
Dinnison, W. Y., Sparta, Ore
Dirks, F., Goldgulch, Cal
Disner, John, Miners' Delight, Wyo
Dividend G. M. & M. Co., Denver, Colo.
Dividend Mg. Co., Helena, Mont
Dividend Mg. Co., Shingle Springs, Cal.
Dixie M. & M. Co., Ltd., Spokane, Wash.
Dixon, Alfred, Michigan Bluff, Cal
Dixon Gold Mine, Cariboo, N. S
Dixon, Jas., Radersburg, Mont
Dixon, W., Greenwood, Cal
Dixon & Stebbins, Austin, Nev
Doane, W. Henry, Carson City, Nev
Dobbin, Patrick, Climax, Colo
Dobbins, Thomas, Cottage Grove, Cal
Doc Yen Mine, Sacramento, Cal
Dodge, W. H., Salt Lake City, Utah
Dodson & McQuoid, Murphy, Cal
Dodsworth, Wm., Red Cliff, Colo
Doeblein, G., Igo, Cal
Dogle, J. B., Chapparal House, Cal
Dolan & Thompson, Bluett, Wash
Dold M. & M. Co., Colorado Springs, Colo.
Doliver Mtn. G. Mg. Co., Isaacs Harbour, N. S
Dollarhide, A. N., Ketchum, Idaho
Dollorhide, Jno., Hornbrook, Cal
Dolobran Mg. Co., Philadelphia, Pa
Dolores Mg. Co., Rico, Colo
Dolph, W., Auberry, Cal
Dolphin M. & M. & Mfg. Co., Custer, S. D.
Dominion Dev. & Mg. Co., Ltd., Vancouver, B. C
Dominion G. Dredging & P. Mg. Co., Toronto, Ont
Donahue & Fairfield Mg. & S. Co., Seattle, Wash
Donald Gold Mining Co., Donald, B. C.
Donald, Wm., Caribou, Colo
Donaldson, H., Enfield, N. S
Donaldson M. & M. Co., Idaho Spgs, Colo.
Donan, P., Folsom, Cal
Donavan, Jos., Van Winkle, B. C
Don Carlos Mg. Co., Santa Cruz, Cal.
Dondero, Louis, Columbia, Cal
Doniphan, John & Jas., Doniphan, Idaho.
Donnell, Thos., Florissant, Colo
Donnelly, J. T., Baker City, Ore
Donohoe, J., Fresno, Cal
Donozo, J., Greenwood, Cal
Doolittle, A., Happy Camp, Cal
Dora G. M. Co., San Francisco, Cal
Dorman, Frank, Rye Patch, Nev
Dorrer Bros., Towle, Cal
Dorsey, Archie, Ft. Halleck, Nev
Dorsey, David & Edwards, Custer, Idaho.

Dorsey, S. P., Grass Valley, Cal
Dorsey, Thomas, Socorro, N. Mex
Dorst, O. J., Prairie City, Ore
Double Eagle Mg. Co., Colo. Springs, Colo.
Double Standard Mg. Co., Lake City, Colo.
Double Standard Mg. Co., Lead, S. D
Doubtless Mg. Co., Denver, Colo
Dougherty, Alex., Spenceville, Cal
Dougherty Bros., Sawyer Bar, Cal
Dougherty, L. N., San Francisco, Cal.
Dougherty, Jno., & Co., Sawyer Bar, Cal.
Douglas Con. Placer Mg. Co., Douglas, Wyo
Douglas Creek M. & M. Co., Douglas, Wyo.
Douglas, J. & J. W., Spokane, Wash
Douglas M. & M. Co., Douglas, Wyo
Douglass, John, Boundary Creek, B. C.
Douglass, J. M., & Co., Sodaville, Nev.
Doumire & Son, Alden, Colo
Douty, F. S., San Francisco, Cal
Dowell, Jacob, Oldham, N. S
Downey, L., Sawyer Bar, Cal
Downing, T. W., Baker City, Ore
Downs, R. G., Sutter Creek, Cal
Downs, Samuel, Clifford, Ore
Downs, Thomas, Revelstoke, B. C
Doyle Bros., Ward, Colo
Doyle, M., Dumont, Colo
Doyle, W. V., Galena, S. D
Dragon Creek Mg. Co., Ashcroft, B. C.
Dragovilch, A., Sparta, Ore
Drake, C. F., Welser, Idaho
Drake, J. E., Dumont, Colo
Drake, L. E., Black Hawk, Colo
Drax Mg. Co., Georgetown, N. Mex
Dresher, C., Chinese Camp, Cal
Driscoll, D. A., Bonanza, Ore
Driscoll, H., Galena, Nev
Driscoll, J., Oro Grande, Cal
Driver, Galvin & Cox, Elk City, Idaho.
Drum Lummor Mg. Co., Helena, Mont.
Drum Lunnor Mg. Co., Douglas, Alaska.
Drummond, J., Kingston, N. Mex
Drury, J. B., St. Louis, Mo
Drury Pac. Con. Mg. Co., Greenville, Cal.
Dry Fork Mg. Co., Barker, Mont
Dry Gulch Con. G. & S. Mg. Co., Salem, Ore
Dubois Tun. M. & M. Co., Davenport, Ia.
Dubuque Ore Conc. Co., Dubuque, Iowa.
Duckworth, C., & Co., Auburn, Ore
Dudley Bros., Marble, Colo
Dudley, Chas., Markleeville, Cal
Dudley, J. E., Berthoud, Colo
Dudley Mg. Co., San Francisco, Cal
Duensing, H. S., Yankee Hill, Cal
Duensing & Co., Con Cow, Cal
Duenwig, O. E., Laws, Cal
Dufferin Gold Mining Co., Truro, N. S.
Duffy, T. W., Alma, Colo
Dugan, G. W., Parkdale, Colo
Duggan, Mark, Silver City, S. D
Duggan, M. C., Silver Hill, Ark
Duke, W. H., White River, Cal
Duke & Grover, Santa Cruz, Cal
Duling, A., Stonewall, Colo
Duluth Mg. Co., Deadwood, S. D
Duluth & Nova Scotia Mg. Co., Duluth, Minn
Dump Mg. Co., Acton, Cal
Dunbar, A. S., Douglas City, Cal
Dunbar Bros., Sullivan, Me
Dunbrack, James & Kerr, Lower Meaghers Grant, N. S
Duncan, J., Scott River, Cal
Duncan, Jno. T., Ward, Colo
Duncan, W. S., Pony, Mont
Duncan & Forney, Rye Patch, Nev
Duncan & Hallohan, Pony, Mont
Duncan & McEwen, McEwen, Ore
Duncommun, S. E., Cortez, Nev
Dunderberg Mg. Co., Georgetown, Colo.
Dunderberg Mg. Co., Ruby Hill, Nev
Dundson, W., Alpine City, Utah
Dunham, O. H., Haworth, Colo
Dunham Mg. Co., Red Lodge, Mont
Dunham, W., Igo, Cal
Dunkin Mg. Co., Leadville, Colo
Dunlap, I. F. M., Telluride, Colo
Dunlap, J. E., White River, Cal
Dunlap, J. W., Oakdale, Cal
Dunlap Mg. Co., Fox, Ore
Dunn, D. H., La Garita, Colo
Dunn, W., Prairie City, Ore
Dunnegan, C. P., Daggett, Cal
Dunphy, Jno., Cerro Gordo, Cal
Dunstone Mg. Co., Helena, Mont
Durant Mg. Co., Aspen, Colo
Durazno, Cia. Minera de El, Monterey, Mex
Durgin Mg. Co., San Francisco, Cal

GOLD AND SILVER—Continued.

Durkee, Lorenzo, Baker City, Ore.....
Duryea & Co., Butte Valley, Cal.....
Dutch Hill Mg. Co., Butte Valley, Cal.....
Dutch Mg. Co., Jamestown, Cal.....
Dutch M. & M. Co., San Francisco, Cal....
Dutchman, F., Goldgulch, Cal.....
Dutton, A. W., Ely, Minn.....
Duzel, G. A., Walker, Cal.....
Dyer Ck. Placer Mg. Co., Bannack City, Mont .....
Dyer, J. B., Talent, Ore.....
Dyer, S. B., Willow Creek, Nev.....
Dyer, Wm., Helena, Mont.....
Dyer & Co., Kettle Falls, Wash.....
Dyre, Thos., Riddles, Ore.....
Eagle C'k Plat'm Co., Granite Creek, B. C.
Eagle Gold Mining Co., Burlington, Iowa..
Eagle G. Mg. Co., Colorado Springs, Colo.
Eagle Gold Mining Co., Nimshew, Cal....
Eagle Gold Mg. Co., Sanger, Ore.....
Eagle Mining Co., Baker City, Ore.....
Eagle Mining Co., Chewelah, Wash.....
Eagle Mining Co., Eureka, Utah.....
Eagle Mining Co., Humboldt House, Nev..
Eagle M. & M. Co., Eagleville, Nev.....
Eagle M. & M. Co., Tacoma, Wash.....
Eagle Mill Mg. Co., Columbia, Cal.....
Eagle, Stayner & Root, Alma, Colo.....
Eagle's Nest Gold Mg. Co., Toronto, Ont..
Earl, Jno. O., San Francisco, Cal.....
Easley, J. V., Ketchum, Idaho.....
East Beat & Belcher S. Mining Co., San Francisco, Cal.....
East End Silver Mountain Co., Port Arthur, Ont.....
East, John H., Boundary Creek, B. C.....
East Mayflower Gold Co., New York.....
East Mendota Mg. Co., Georgetown, Colo..
East Sierra Nevada Mg. Co., San F., Cal..
East Tennessee & North Carolina Mining Co., Knoxville, Tenn.....
Easter Bell G. M. & M. Co., Cripple Creek, Colo. .....
Easterly, J. C., Dumont, Colo.....
Eastern Alaska Mg. Co., Cumberland, Wis.
Eastern Alaska M. & M. Co., Juneau, Alaska .....
Eastern, C. D., Graniteville, Cal.....
Eastern Cons. Mg. Co., Missoula, Mont....
Eastern Star Mining Co., Marysville, Cal..
Eastlick Bros., Oro Fino, Cal.....
Eastlick Mining Co., Yreka, Cal.....
Eastlick & Lewis, Oro Fino, Cal.....
Easton M. & M. Co., Virginia City, Mont..
Eaton, H., Halleck, Cal.....
Eaton, John, Cornucopia, Ore.....
Eaton, J. I., Socorro, N. Mex.....
Ebner Gold Mining Co., Juneau, Alaska...
Eckardt, P. D., Folsom, Cal.....
Eckman, A., Oroville, Cal.....
Eclipse G. M. & M. Co., Amador City, Cal.
Eclipse Mining Co., Salt Lake City, Utah..
Eclipse Mining Co., San Francisco, Cal....
Eclipse M. & M. Co., Cripple Creek, Colo..
Eclipse S. Mg. Co., Belleville, Ill.....
Eclipse Silver Mg. Co., St. Louis, Mo.....
Economic Gold Mining Co., Chicago, Ill...
Economic Mine & Red. Co., Colorado Springs, Colo.....
Edgar, H. P., Riddles, Ore.....
Edgar Mining Co., Idaho Springs, Colo....
Edgar Union Mg. Co., Idaho Spgs., Colo..
Edgeman, Daniel, Forbestown, Cal.....
Edina M. & M. Co., Colorado Spgs., Colo..
Edison S. Mg. Co., San Francisco, Cal....
Edman & Co., Bucks Ranch, Cal.....
Edmonson, W. B. & Co., Henley, Cal.....
Edner, C., Omo Ranch, Cal.....
Edwards, C. M., Nederland, Colo.....
Edwards, David, Van Winkle, B. C.....
Edwards, Geo., Mokelumne Hill, Cal.....
Edwards, Wm., Rock Creek, B. C.....
Edwards, W. H. & Co., Butte, Mont.....
Edwards, W. J., Quincy, Cal.....
Edwards & Lee, Quincy, Cal.....
Edwin Booth M. & M. Co., Denver, Colo..
Egan, Capt., Salt Lake City, Utah.....
Ehrenburg Mg. Co., Kansas City, Mo.....
Eiberhutz, A. W., Independence, Cal.....
Elder Mining Co., Rico, Colo.....
Eldorado G. M. & M. Co., Colo. Spgs., Colo.
El Dorado Mining Co., Missoula, Mont....
El Dorado Mg. Co., San Francisco, Cal....
Eldorado Water & Deep Gravel Mining Co., Placerville, Cal.....
Eldred, S., Dumont, Colo.....
Eldredge, Jno. B., San Francisco, Cal.....
Eldridge Comstock G. Mg. Co., Colorado Springs, Colo.....
Electric Gold Extraction Co., Council Bluffs, Iowa.....
Electric Mining Co., Grass Valley, Cal....
Electric Mills, Grass Valley, Cal.....
Electric M. & M. Co., Denver, Colo.....
Electric Placer Mg. Co., San F., Cal.....
Electric Tramway & Tunnel Co., Cripple Creek, Colo. .....
Electrum Mining Co., Eureka, Colo.....
Electruno Leas. & Mg. Co., Denver, Colo..
Elgin S. Co., Leadville, Colo.....
Elgin S. Mg. Co., Jack Fish Bay, Ont....
El Grupo Mining Camp, Globe, Ariz.....
Elliott, J., Grand Lake, Colo.....
Elliott, J. J., Idaho Springs, Colo.....
Elizabeth Mining Co., Baltimore, Md.....
Elizabeth Mining Co., Cottonwood, Colo...
Elk Mtn. S. M. Co., Chillicothe, Mo.....
Elkhorn Bon. Mg. Co., Portland, Ore.....
Elkhorn Mg. Co. (Ltd.), Elkhorn, Mont..
Elkhorn Mining Co., Ketchum, Idaho.....
Elkhorn Mining Co., Portland, Ore.....
Elkton M. & M. Co., Colorado Spgs., Colo..
Ella G. M. & M. Co., Colo. Spgs., Colo.....
Ella Mining Co., Julian, Cal.....
Elleigh & Rea, Stella, Cal.....
Ellery Bros., French Gulch, Cal.....
Elling & Morris, Helena, Mont.....
Elling & Stewart, Red Bluff, Mont.....
Ellingham, J. J., Mariposa, Cal.....
Elliot, J., Barkerville, B. C.....
Elliott, A., Bourne, Ore.....
Elliott Bros., Cottage Grove, Cal.....
Elliott, Jas., Brownsville, Cal.....
Elliott, J. J., Placerville, Cal.....
Elliot, Thomas, Osoyoos, B. C.....
Elliott, W. F., Clio, Tex.....
Elliott, Wm., Cottage Grove, Cal.....
Ellis, A. E., Panaca, Nev.....
Ellis, Chas., Descanso, Cal.....
Ellis, G., Quincy, Cal.....
Ellis, Reeves & Wilson, Pioche, Nev.....
Ellison, L. T., Thorp, Wash.....
Ellsworth, H. S., Rail Road Flat, Cal.....
Elmer & Murphy, Baker City, Ore.....
Elmira Mining Co., Ashcroft, Colo.....
Elmira Silver Mg. Co., Elmira, Idaho.....
Elmore G. M. Co., Rocky Bar, Idaho.....
Elmsdale G. Mg. Co., Elmsdale, N. S.....
Elnora M., M. & Real Est. Co., Aurora, Ill.
El Oro M. & M. Co., St. Louis, Mo.....
El Paso G. Mg. Co., Colorado Spgs., Colo..
Elrod & Graham, La Veta, Colo.....
El Socorro M. & M. Co., Cincinnati, Ohio.
Ely G. M. & M. Co., Ely, Nev.....
Ely, H. W., Dayton, Nev.....
Emen, H. W., Greenwood Springs, Colo...
Emerson, D., Yerington, Nev.....
Emery, Geo. T., San Francisco, Cal.....
Emery Mining Co., Deer Lodge, Mont....
Emma Co., Ltd., Salt Lake City, Utah.....
Emma Mining Co., Wasatch, Utah.....
Emmerson & Slimmer, Copley, Cal.....
Emmet Mining Co., Leadville, Colo.....
Emmons, J. F., Greenville, Cal.....
Emmons, H. C., Lovelocks, Nev.....
Emmons Mining Co., Denver, Colo.....
Empire City Mining Co., Empire, Colo....
Empire G. Mg. Co., Downieville, Cal.....
Empress Josephine Mining Co., Bonanza, Colo. .....
Empress of Aspen Mg. Co., Manitou, Colo..
Empy & Willard, Panaca, Nev.....
Endietta Mining Co., Ouray, Colo.....
Engelke & Co., Columbia, Cal.....
England, Jerome, Nacooche, Ga.....
England, J. C., Fayetteville, Ark.....
Engley, W. & Wagner Co., Crescent City, Cal. .....
English Kansas Mining Co., Central City, Colo. .....
English Mountain Gold Mining Co., San Francisco, Cal. .....
English, W. D., San Francisco, Cal.....
English & Baldwin, Georgetown, Cal.....
Engstrom, F. L., Beowawe, Nev.....
Enlapis, Cassia, Juan Tafoya, N. Mex.....
Enlopis, Malina, Juan Tafoya, N. Mex.....
Enoch Bros., Dobbins, Cal.....
Enos, Manuel, Inskip, Cal.....
Enterprise Gold Mining Co., Hornitas, Cal.
Enterprise Mining & Land Co., Colorado Springs, Colo. .....
Enterprise Mining Co., Comox, B. C.....
Enterprise Mining Co., Kingston, N. Mex..
Enterprise Mining Co., New York.....
Enterprise Mining Co., Rico, Colo.....
Enterprise Mining & Transportation Co., New York. .....
Equitable Mining Co., Deadwood, S. D....
Equitable Mining & Pros. Co., Del Norte, Colo. .....
Epler, H. T., Red Cliff, Colo.....
Epley Gold Quartz Co., Placerville, Cal...
Erie Mining Co., Graniteville, Cal.....
Erikson, Jonas H., Mt. Pleasant, Utah....
Erno, A., Oro Fino, Cal.....
Ernestine G. Mg. Co., Colo. Spgs., Colo...
Ernst, G. F., Rat Portage, Ont.....
Erskine, Lou, Clayton, Idaho.....
Ervin & Richardson, Beowawe, Nev.....
Escandon Huos. Carmen, San Miguel, Peros, Mex. .....
Escandon y Hermanos, Tlasayaltepec, Mex.
Esmeralda Mining Co., Hawthorne, Nev...
Esperanza G. Mg. Co., Garden Valley, Cal.
Essex Free Coinage Mg. Co., Golden, Colo.
Estella Mining Co., Rimini, Mont.....
Estelline G. Mg. Co., Denver, Colo.....
Etta Mining Co., Radersburg, Mont.....
Etta M. & M. Co., Cherry, Ariz.....
Eureka Centennial Mg. Co., Eureka, Utah.
Eureka Cons. Drift Mg. Co., San F., Cal..
Eureka Con. Mine Co., San Francisco, Cal.
Eureka Consol. Mg. Co., Spokane, Wash..
Eureka G. Mg. Co., Colorado Spgs., Colo..
Eureka G. Mg. Co., Rich Gulch, Cal.....
Eureka G. Mg. Co., Wine Harbour, N. S..
Eureka Hill Mg. Co., Salt Lake City, Utah.
Eureka Mining Co., Anacortes, Wash.....
Eureka Mining Co., Bonanza, Idaho.....
Eureka Mining Co., Crested Butte, Colo..
Eureka Mining Co., Portland, Ore.....
Eureka Mine, Sitka, Alaska.....
Eureka Mining Co., Rock Creek, B. C....
Eureka Mining Co., Ltd., Woodstock, N. B.
Eureka Nest Egg Mg. Co., Tomichi, Colo..
Eureka Oil Co., Eureka, Cal.....
Eureka Tellurium G. Mg. Co., Redding, Cal. .....
Eureka Tunnel Mg. Co., Eureka, Nev.....
Eureka & Excelsior G. M. Co., St. Louis, Mo. .....
Eurydice Mining Co., Denver, Colo.....
Eustace, Thos., Silver Plume, Colo.....
Evans, Benj., Miners Delight, Wyo.....
Evans, G. J., Jamestown, Colo.....
Evans, J. T., Adamsville, Utah.....
Evans Mg., M. & Smelt. Co., Baltimore, Md. .....
Evans, Walter, Placerville, Colo.....
Evans, Wm., Baker City, Ore.....
Evans, W. J., Jamestown, Colo.....
Evans & Howe, Helena, Mont.....
Evening Leasing Co., Robinson, Colo.....
Evening Star G. Mg. Co., Hayden Hill, Cal. .....
Evening Star Mg. Co., Leadville, Colo.....
Evening Star Mg. Co., San Francisco, Cal.
Evening Star Mg. Co., Spokane, Wash.....
Everett M. & M. Co., Tacoma, Wash.....
Everill, J. H., Hamburg, Cal.....
Everill, R., Oak Bar, Cal.....
Everts, J., Willow Creek, Nev.....
Ewing, T. C., Glenwood Spgs., Colo.....
Ewing, Knightly & Co., Boundary Creek, B. C. .....
Excelsior Mining Co., Downieville, Cal.....
Excelsior Mining Co., Lake City, Colo.....
Exchequer Mining Co., San Francisco, Cal.
Exodus Mg. Co., East Liverpool, Ohio.....
Expert Mg. Co., Colorado Springs, Colo.....
Express Mining Co., Ashcroft, Colo.....
Extension M. & M. Co., Denver, Colo.....
Fair, Jas. G., Est., San Francisco, Cal.....
Fairbanks, S. S., Tybo, Nev.....
Fairchild, John, Oakley, Idaho.....
Fairfield Mining Co., Deadwood, S. D.....
Fairhart, A. A., Grand Lake, Colo.....
Fairhurst, Guy, Boulder, Colo.....
Fairly, John & Co., Cory, Iowa.....
Fairmount Con. S. Mg. Co., Hawthorne, Nev. .....
Fairmount Gold Mg. Co., Denver, Colo.....
Fair Mountain & Shofer Mining Co., Idaho Springs, Colo.....
Fairplay Mining Co., Scales, Cal.....
Fairview Mining Co., Hecla, Wyo.....
Faithful Mining Co., Bannack, Mont.....
Faiver, Chas., Jamestown, Colo.....
Fagundees, R. L. Co., Sawyers Bar, Cal.....
Fagundez, R., Etna, Cal.....
Fajo, Cia. M. del, Parral, Mex.....
Falkenberg, J. P., West Cliff, Colo.....
Fall River & Colorado M. & M. Co., Fall River, Mass. .....
Falls City Mining Co., Spokane, Wash.....
Fame Mining Camp, Globe, Ariz.....
Fannie B. M. & M. Co., Colo. Spgs., Colo.....
Fannin, Jos. H., Junction, Idaho.....
Farmer, L., Austin, Ore.....

Farmers Hope Mine, Mariposa, Cal.....
Farnscomb, Harry, Denver, Colo.....
Farnsworth, P. T., Salt Lake City, Utah..
Farnsworth, S., Caneville, Utah.....
Farrell, Jas., Sonora, Cal.....
Farren, Jos., Salt Lake City, Utah.....
Farrier & Gilbert, Senner, Nev.....
Farwell Con. Mg. Co., Leadville, Colo.....
Father De Smet Con. Mining Co., Central City, S. D.....
Fauch, Geo. E., Black Bear, Cal.....
Faull, Basche & Co., Baker City, Ore....
Favorite G. Mg. Co., Colo. Spgs., Colo....
Favorite M., M. & Tun. Co., Denver, Colo.
Fawcett, J. G., San Antonio, N. Mex.....
Faxon, John T., Sonora, Cal.....
Fayetteville Mg. Co., Fayetteville, Ark...
Feather Fork G. Gravel Co., Gibsonville, Cal.....
Feather Fork G. Mg. Co., La Porte, Cal..
Federal Loan Mg. Co., Nevada City, Cal..
Fehrenbach, Dr., Portland, Ore.....
Fehring, Duncan & Co., Virginia City, Mont.....
Feire, Chas., Bay Horse, Idaho.....
Felser, J. H., Glenwood Springs, Colo.....
Fennis G. & S. Mg. Co., S. L. City, Utah..
Fenochio, Hermanos, Lachatao, Mex.....
Ferguson Bros., Hiko, Nev.....
Ferguson, J. M., Huntington, Ark.....
Ferguson, John, North Bay, Ont.....
Ferguson, L., Ophir, Cal.....
Ferguson, Thos., Arco, Ore.....
Fernandez, A. & Co., Yreka, Cal.....
Fernando, Jno., Howardsville, Colo.....
Ferries & Gilbert, Palmetto, Nev.....
Ferrill, Jno., Ironton, Colo.....
Ferris, A., Orleans, Cal.....
Ferris, H., Orleans, Cal.....
Ferry, E., Baker City, Ore.....
Fessler, J., Alleghany, Cal.....
Festamere, Ferd., Mountain City, Nev.....
Fidelia Mining Co., Lake City, Colo.....
Fieldy & Co., Cottage Grove, Cal.....
Figueroa, Manuel, La Hacienda de Yage, Mex.....
Fillmore Hill Mg. Co., Marysville, Cal....
Filosie, Jno., Butte Valley, Cal.....
Finch, Harvey, Midnight, N. Mex.....
Finch Mg. & Dredging Co., Lytton, B. C..
Finding, C. A., Breckenridge, Colo.....
Fine & Plankey, Virginia City, Mont.....
Finley, Jos. & Bro., Sawyers Bar, Cal....
Finley, S. L., Sawyers Bar, Cal.....
Finley, S. M. & Sons, Sawyers Bar, Cal...
Finnerty, M., Denver, Colo.....
Firmstone, Jas., Butte Valley, Cal.....
Firmstone, S., Greenville, Cal.....
Firsh, A., Yankee Hill, Cal.....
First Chance Mining Co., Fox, Ore.....
First Chance Mg. Co., Rock Creek, B. C..
First, Chas., Glenwood Springs, Colo....
First Thought S. Mg. Co., Portland, Ore..
Fischer, Jacob A., San Francisco, Cal....
Fischer, Jos., Climax, Colo.....
Fish, Chas. H., San Francisco, Cal.....
Fish Creek Placer Mg. Co., Missoula, Mont..
Fishback Hyd. G. Mg. Co., Seattle, Wash..
Fisher, F., Malheur, Ore.....
Fisher, J. H., Lewiston, Cal.....
Fisher, W. A., Hardman, Ore.....
Fisk G. Mg. Co., Black Hawk, Colo.....
Fisk M. & M. Co., Central City, Colo.....
Fissell & Co., Michigan Bluff, Cal.....
Fitch, A. H., Santa Cruz, Cal.....
Fitch, Dr. G. L., San Francisco, Cal.....
Fitch, P. D., Montserrat, Mo.....
Fitzgerald, C. M., Georgetown, Cal.....
Fitzgerald, D. W. & Bros., Sams Valley, Ore.....
Fitzgerald, Frank, Modock, Cal.....
Fitzgerald, J. D., New Bridge, Ga.....
Fitzgerald M. & M. Co., Golden, N. Mex..
Fitzgerald, Richard, Clayton, Idaho.....
Fitzgerald & Co., Jamestown, Cal.....
Fitzhugh Mining Co., Leadville, Colo.....
Fitzpatrick, A., Bridgeport, Cal.....
Flagstaff Mining Co., Leadville, Colo.....
Flanagan & Breedan, Murphy, Ore.....
Flanger, J. D., White River, Cal.....
Flat Creek Mg. Co., San Francisco, Cal...
Fleet, P., Coles, Cal.....
Flick, M., Connor Creek, Ore.....
Flint Idaho Mg. Co., Silver City, Idaho....
Flora, J. J., Georgetown, Cal.....
Flor, J. M. C. & Cia., Auyaugues, Mex.,...
Florence, E., Mining Co., Colo. Spgs., Colo.
Florence G. & S. Mg. Co., Deadwood, S. D.
Florence Mg. Co., White Sulphur Springs, Mont.....
Florencia M. & M. Co., New York.....
Florilla M. & M. Co., Denver, Colo.....
Flotsam, P. E., Clinton, Cal.....
Flower Queen M. Co., Cooks, N. Mex.....
Flying Dutchman Mg. Co., Goldgulch, Cal.
Flynn Bros., Barkerville, B. C.....
Flynn, J., Palisade, Nev.....
Folden, F., Carson City, Nev.....
Foley, K., Magdalena, N. Mex.....
Folsom Water Power Co., Folsom, Cal....
Fontenac Mining Co., Central City, Colo..
Foot & Co., Groveland, Cal.....
Foote, Robt., Buffalo, Wyo.....
Foote, R. W., Breckenridge, Colo.....
Forbes, P. A., Buckingham, Va.....
Forbes, S. W., Browntown, Ore.....
Forbis & Irvine, Walkerville, Mont.....
Ford, C. H., San Francisco, Cal.....
Ford, C. L., Towle, Cal.....
Ford, M. G., White River, Cal.....
Ford & Anderson, Barry, Colo.....
Fordam & Co., Lamoille, Nev.....
Fordham & Ogilvie, Bullion, Nev.....
Foreman, Chas., Tin Cup, Colo.....
Forest Hill Divide Gold Mg. Co., Forest Hill, Cal.....
Forest Hill M. & M. Co., Minneapolis, Minn.....
Forest Mining Co., Ft. Collins, Colo.....
Forest Queen Mining Co., Irwin, Colo.....
Forgie, Jas., Milford, Utah.....
Forlorn Hope Mg. Co., Magnolia, Colo....
Forni & Smeder, Georgetown, Cal.....
Forrest, Rose, & St. George Hydraulic Gold Mining Co., Barkerville, B. C.....
Forsythe, H., Howardsville, Colo.....
Fort Steele Mining Co., Spokane, Wash..
Fortuna G. M. & M. Co., Salt Lake City, Utah..
Forty-nine & Fifty-six Gold Mining Co., Yankee Hill, Cal.....
Foss, H. W., Silver Cliff, Colo.....
Fossett Gold Mining Co., Alma, Colo.....
Foster, Benj. & Co., Elkhorn, Mont.....
Foster, C. M., Baker City, Ore.....
Foster Falls M. & M. Co., Foster Falls, Va.
Foster, H. C. & Co., Barker, Mont.....
Foster, Jno., Belmont, Nev.....
Foster, Lewis, Harney, Ore.....
Foster, N. O., Fairfield, Tenn.....
Foster, Thos., Copley, Cal.....
Foster & Clark, Coal Valley, Pa.....
Foster & McDonald, Harney City, Ore....
Foulke, Kilpatrick & Brown, Sweet Water, Cal.....
Fountain Head Gravel Mining Co., Nevada City, Cal.....
Four Creeks Mining Co., Raton, N. Mex...
Four One Mining Co., Cleveland, Ohio....
Fowle & Jonadon, Healy, Nev.....
Fowler & Work, Cripple Creek, Colo.....
Fox Bros., Cottonwood Springs, Colo.....
Fox, Geo. W., Laramie, Wyo.....
Fox, John, White Hills, Ariz.....
Fox, Martin W., San Francisco, Cal.....
Fraction Mg. Co., Idaho Springs, Colo.....
Frakes, Joel, Canyon Ferry, Mont.....
France, I., Malheur, Ore.....
France & Co., Rye Valley, Ore.....
Frances Mining Co., Mariposa, Cal.....
Frank, E. J., Bullion, Nev.....
Franklin Gravel Co., San Francisco, Cal..
Franklin, Wm., Pella, Iowa.....
Franklin & McDonald Gold Mining Co., Ball Ground, Ga.....
Franks & Moncton, Sawyers Bar, Cal.....
Frantz, Jno. & Co., Sawyers Bar, Cal.....
Frary, A. P., Hurleton, Cal.....
Fraser, F. D., Ft. Jones, Cal.....
Fraser River G. Gravel Syn., Yale, B. C...
Fraser River Mining & Dredging Co., Vancouver, B. C.....
Frazier, A., Gorman Station, Cal.....
Frazier, J., Cloverdale, Nev.....
Frazier, Jos. E., Sawyers Bar, Cal.....
Frazier M. & M. Co., Oakland, Cal.....
Frazius, T. L., Golden, N. Mex.....
Frederich & Crown P. Mg. & T. Co., Salt Lake City, Utah .....
Fredonia Cons. Mining Co., Buena Vista, Colo.....
Free Am. G. Mg. Co., Denver, Colo.....
Free Coinage G. Mg. Co., Colo. Spgs., Colo.
Free Coinage Mg. Co., Las Vegas, N. Mex..
Free Gold Mg. Co., Cottonwood, Colo.....
Free G. Mg. Co., Salt Lake City, Utah....
Free Silver Mining Co., Aspen, Colo.....
Freeborough, J., Alleghany, Cal.....
Freedman, Geo. P., Rail Road Flat, Cal...
Freeland, Francis T., Cripple Creek, Colo.
Freeland Mg. Co., Idaho Springs, Colo....
Freeman, H. M., Osburn, Idaho.....
Freemont M. & M. Co., San F., Cal.....
Fremont Gold M. & M. Co., Gould, Mont..
French Gulch G. Mg. Co., San F., Cal...
French, J. E., Volcanoville, Cal.....
French, Jno, Stofiel, Nev.....
French Mtn. Mg. Co., Holy Cross, Colo....
Fresco, C., Mg. Co., St. Elmo, Colo.....
Freshour, M., Gottville, Cal.....
Fresno Mg. & M. Co., Fresno, Cal.....
Fries, Wm., San Francisco, Cal.....
Friese, W. H., Sugar Loaf, Colo.....
Frisby, J., Coles, Cal.....
Frisco, John, Rye Valley, Ore.....
Frisco Mining Co., Wallace, Idaho.....
Fritts, J. A., Happy Camp, Cal.....
Frost, G. T., Cajon, Cal.....
Frost, Webb, Eagle, Colo.....
Frudenstine, L., Butte, Mont.....
Fuchs, Isidor, Baker City, Ore.....
Fulbright, Wm., Elizabethtown, N. Mex..
Fulford, Frank, Ketchum, Idaho.....
Fulford, M., Eagle, Colo.....
Fuller, W. D., White Rock, Nev.....
Fulton, John, Chloride, N. Mex.....
Fulton & Simms, Cold Creek, Nev.....
Fundidora y Afinadora, Cia. M., Monterey, Villa de Ocampo, Mex.....
Funnell, W. P., Alma, N. Mex.....
Furrow, J. W., Cripple Creek, Colo.....
Fyfer, J. T. & Co., Cornucopia, Ore.....
G. A. R. Group Mines, Ouray, Colo.....
G. Mt. & D. G. C. G. & S. Mg. Co., Salem, Ore.....
Gabaldon, S., Juan Tafoya, N. Mex.....
Gabolan Mining Co., Perris, Cal.....
Gage, W. S. & Co., Midas, Nev.....
Galena Hill Mg. Co., San Pedro, N. M.....
Galena Mg. Co., Frisco, Utah. .....
Galena Mg. & S. Co., Portland, Ore.....
Galena M. & M. Co., Rico, Colo.....
Galiope Mg. Co., Bonanza, Colo.....
Gallagher, Frank, Candelaria, Nev.....
Gallagher, J., Greenwood, Cal.....
Gallagher, P., Mason Valley, Nev.....
Gallagher, Peter, Panamint, Cal.....
Gallagher & Clark, Wabuska, Nev.....
Gallagher & Co., Granite, Ore.....
Gallardo, Vicente, Tlasayaltepec, Mex.....
Gallison, W. E., Mariposa, Cal.....
Gallison & Ridgeway, Mariposa, Cal.....
Gallop, Jas., Minersville, Utah.....
Galloway & Alexander, Silver City, N. M.
Galvilan M. & M. Co., Riverside, Cal.....
Gambrine, Frank, Ward, Colo.....
Gambrinus Mg. Co., Graniteville, Cal....
Garaghan, Ponjade & Leavitt, Osceola, Nev.....
Garcia, Neucestao, San Miguel Peras, Mex.
Garcia, Lucio, Chiquilistlan, Mex.....
Gardiner, M., Ono, Cal.....
Gardner, C. W., Keremeos, B. C.....
Gardner, Geo., Kellogg, Idaho.....
Gardner, J. W., Butte Valley, Cal.....
Gareio, J., Juan Tafoya, N. M.....
Gareio, S., Juan Tafoya, N. M.....
Garfield Grouse G. Mg. Co., Denver, Colo.
Garfield Mg. Co., Boston, Mass.....
Garfield Mg. Co., Ltd., Sodaville, Nev.....
Garfield Mg. Co., Spokane, Wash.....
Garfield S. Mg. Co., Calico, Cal.....
Garfield, Va., Mg. Co., Sonora, Cal.....
Garland, G. B., Twin Lakes, Colo.....
Garland, C. J., Washington, Cal.....
Garland, N., Port Arthur, Ont.....
Garner Cons. G. Mg. Co., San F., Cal.....
Garnet G. Mg. Co., St. Louis, Mo.....
Garrard, A., Candelaria, Nev.....
Gasquet, H., Gasquet, Cal.....
Gassman, E. P., Cle-Elum, Wash.....
Gaston Ridge Mill & Mg. Co., San F., Cal.
Gaston Mg. Co., Central City, Colo.....
Gates, M. E., Sacramento, Cal.....
Gault Mg. Co., Meihart, Mont.....
Gault M. & M. Co., Colorado Springs, Colo.
Gautier, A., Grass Valley, Cal.....
Gay, Wm. A., Red Cliff, Colo.....
Geyhart, J., Oak Bar, Cal.....
Geary, J., Willow Creek, Nev.....
Gebbard & Brown, Jamestown, Colo.....
Gee Wah Co., Etna, Cal.....
Geer, A. W., Hiko, Nev.....
Geer, J. S., Cajon, Cal.....
Gehauser & Albrecht, Stemple, Mont.....
Gehr, W. S., Orondo, Wash.....
Geiser, Albert, Clifford, Ore.....
Gelder, Wm., Glenwood Spgs., Colo.....
Gem Mg. Co., Idaho Spgs., Colo.....
Gem Quartz Mill, Sanger, Ore.....
Gendreau, Louis, Jersey Mills, Que.....
Gen. Crook S. Mg. Co., Deadwood, S. D.
Gen. Grant Mg. Co., Helena, Mont.....

GOLD AND SILVER—Continued.

Gen. Logan Mg. Co., Salt Lake City, Utah.
Gen. Merritt G. & S. Mg. Co., Deadwood, S. D.
Genesee Valley G. Mg. Co., San F., Cal.
Genesee-Vanderbilt Mg. Co., Gaston, Colo.
Genette Mg. Co., Alpine City, Utah.
Geneva G. Mg. Co., San Francisco, Cal.
Gentle Annie G. Qtz. Co., Placerville, Cal.
George Bros., Osburn, Idaho.
George, Frank, Boundary Creek, B. C.
George, J. W., Igo, Cal.
George, W. H., Cecilville, Cal.
George & Bradner, Osburn, Idaho.
Georgetown Imp. Co., Georgetown, N. M.
Georgiana Gold Mine, Canton, Ga.
Gerard, Wm., Kellogg, Idaho.
Gerber & Hofer, Mammoth, Utah.
Gerken & Lynn, Galena, S. D.
Germain, P., Clayton, Idaho.
German Bar & Flume Co., Va. City, Mont.
German Mg. Co., Central City, Colo.
German, W. T., Henley, Cal.
Germania G. Mg. Co., Downieville, Cal.
Gerouz, Peter, Port Arthur, Ont.
Gerrick, Eugene, Candelaria, Nev.
Geyser M. & M. Co., Boston, Mass.
Giant Camera G. Mg. Co., Denver, Colo.
Giant Mining Co., Spokane, Wash.
Giant Tunnel Mg. Co., Eureka, Utah.
Gibson, H., Sparta, Ore.
Gibson, H. N., Clover Bar, N. W. T.
Gibson, J. L., Hurleton, Cal.
Gibson, N. L., Horse Shoe, Colo.
Gibson, Paris, Great Falls, Mont.
Gibson, W. F., Hurleton, Cal.
Giddings Bros., Gold Hill, N. M.
Giershen, H. & Kelner, Sawyers Bar, Cal.
Giezzell, H. W., Ivanpah, Cal.
Gifford Bros., Prairie City, Ore.
Gifford, J., Lewiston, Cal.
Gifford, W. E., Prairie City, Ore.
Gila Mtn. G. Mg. Co., Yuma, Ariz.
Gilbert, Henry, Kellogg, Idaho.
Gilbert, J. B., Tybo, Nev.
Gilbert, N., Mill City, Nev.
Gilchrist, English & Fish, Anaconda, Mont.
Gilder G. Mg. Co., Novelty, Cal.
Gilford, G. B., Osceola, Nev.
Gilham Bros. & Eckert, Cortez, Nev.
Gill S. Mg. Co., Reveille, Nev.
Gilkey, J. W., Whitehall, Mont.
Gill, Mrs. Lulu, Silver City, Ark.
Gill & Vardamon, Meeker, Colo.
Gillette, Leslie, Haworth, Colo.
Gillett, V. C., Questa, N. M.
Gillian, J. B., Buckingham, Va.
Gillian, W. E., New Store, Va.
Gillies Bros., Braeside, Ont.
Gillis, Angus, Clayton, Idaho.
Gillis, Peter, San Simeon, Cal.
Gilmore Bros., Tybo, Nev.
Gilt Edge Mg. Co., Maiden, Mont.
Gilt Edge M., L. & B. Co., Colo. Spgs., Colo.
Gipsy Mg. Co., Detroit, Mich.
Girac, Theo. & Co., Grantville, Nev.
Girouse & McCarthy, Baker City, Ore.
Given, Frank, Nampa, Idaho.
Gladstone Mg. Co., Cripple Creek, Colo.
Gladstone Mg. Co., Ophir, Utah.
Gladys, A. M. Co., Cripple Creek, Colo.
Glass Pendery Mg. Co., Leadville, Colo.
Glasser, J. B., Colorado Springs, Colo.
Glasson, Wm. M., Socorro, N. Mex.
Gleaves & Morrill, Portland, Me.
Gleeson, John, Hachita, N. M.
Glencoe Mg. Co., Salt Lake City, Utah.
Glengarry M. & M. Co., Butte, Mont.
Glenwood G. & S. Mg. Co., Lead, S. D.
Glenwood Mg. Co., Glenwood Springs, Colo.
Glines, Jas., Magalia, Cal.
Glissan & Houck, Bourne, Ore.
Globe G. Mg. Co., Cripple Creek, Colo.
Gloor, S., Canyonville, Ore.
Gloster Mg. Co., Marysville, Mont.
Glover, M. A. Magalia, Cal.
Gluyas, R., Morey, Nev.
Godbe Mining Co., Angels Camp, Cal.
Godeva Mg. Co., Salt Lake City, Utah.
Godfrey & Tabor, Sumpter, Ore.
Gogebic M. & M. Co., Grand Jt., Colo.
Goggins G. Mg. Co., Canton, Ga.
Goggins & McCandless, Canton, Ga.
Goins, M. H., Brindletown, N. C.
Golconda M. & M. Co., Red Bluff, Mont.
Gold Bar Mg. Co., Yale, B. C.
Gold Bar Q. Mg. Co., Grass Valley, Cal.
Gold Belt M. & M. Co., Salt L. City, Utah.
Gold Blossom Mg. Co., Ophir, Cal.
Gold Bluff Mg. Co., Downieville, Cal.
Gold Brick Mg. Co., Portland, Ore.
Gold Bronze Mg. Co., Vanderbilt, Cal.
Gold Bug Mg. Co., Colo. Spgs., Colo.
Gold Bug Mg. Co., Portland, Me.
Gold Bull Mining Co., Sawyers Bar, Cal.
Gold Bullion Mines Co., Council Bluffs, Ia.
Gold Canyon Mg. Co., San Francisco, Cal.
Gold Carter Mining Co., Picacho, Cal.
Gold Coin Mines Co., Central City, Colo.
Gold Collar M. & M. Co., Denver, Colo.
Gold Con. Pla. & Hyd. Mg. Co., Los Angeles, Cal.
Gold Crater Mg. Co., Cripple Creek, Colo.
Gold Cross Mg. Co., Hedges, Cal.
Gold Crown & Osceola Co., Ophir, Colo.
Gold Crystal Mg. Co., Ward, Colo.
Gold Cup Mg. Co., Denver, Colo.
Gold Diamond M. & M. Co., Salt Lake City, Utah.
Gold Dredging Co., Helena, Mont.
Gold Drop Mg. Co., Boundary Falls, B. C.
Gold Dyke Mg. Co., Colorado Springs, Colo.
Gold Eagle Mg. Co., San Pedro, N. M.
Gold Flat Mg. Co., Grass Valley, Cal.
Gold Geiser Mg. Co., Colo. Spgs., Colo.
Gold Geyser M. & M. Co., C'p'le Ck., Colo.
Gold Gravel Group, S. L. City, Utah.
Gold Hill Bonanza Co., Colo. Spgs., Colo.
Gold Hill Mg. Co., Marysvale, Utah.
Gold Hill Mg. Co., Pine, Idaho.
Gold Hill Mg. Co., San Francisco, Cal.
Gold Hill M. & M. Co., Carbon, Wyo.
Gold Hunter Mg. & S. Co., Mullan, Idaho.
Gold King Mg. Co., Colorado Springs, Colo.
Gold King Mg. Co., Julian, Cal.
Gold King Mg. Co., Pomona, Cal.
Gold Lake Mg. Co., Ishpeming, Mich.
Gold M. L. B. & T. Co., Cripple Ck., Colo.
Gold M. & M. Co., Cripple Ck., Colo.
Gold Mint Mg. Co., Denver, Colo.
Gold Monument M. & M. Co., Denver, Colo.
Gold Mt. Mg. Co., San Francisco, Cal.
Gold Mtn. & Dry Gulch Con. G. & S. Mg. Co., Salem, Ore.
Gold Nugget Mg. Co., Port Townsend, Wash.
Gold Nugget M. & M. Co., St. Louis, Mo.
Gold Point Cons. G. & S. Mg. Co., Grass Valley, Cal.
Gold Queen Co., Mullan, Idaho.
Gold Queen Mg. Co., New Whatcom, Wash.
Gold Queen Mg. Co., Picacho, Cal.
Gold Ridge Con. M. & M. Co., San F., Cal.
Gold Ridge G. Mg. Co., Novelty, Cal.
Gold Ridge Mg. Co., Rye Valley, Ore.
Gold Rock Mg. Co., Cripple Ck., Colo.
Gold Rock M. & M. Co., Wabigoon, Ont.
Gold Sovereign Mg. & Tun. Co., Cripple Ck., Colo.
Gold Standard M. & M. Co., Cripple Ck., Colo.
Gold Standard Mg. & T. Co., Denver, Colo.
Gold V'y G. Mg. Co., Downieville, Cal.
Gold Valley Placer Mg. Co., Aspen, Colo.
Gold Victory Mg. Co., Placerville, Cal.
Gold Water M. & M. Co., Bucks Ranch, Cal.
Gold & Globe Hill Mg. Co., Colo. Spgs., Colo.
Gold & S. Ext. Co., of America, Ltd., Denver, Colo.
G. & S. Fleece Mg. Co., Gd. J't'n, Colo.
Golden Age G. Mg. Co., Colo. Spgs., Colo.
Golden Age M. & M. Co., Jamestown, Colo.
Golden Bar St'm Dredg. Co., Douglas, Wyo.
Golden Calf Mg. Co., Copley, Cal.
Golden Chest Mining Co., Louisville, Ky.
Golden Chord Mg. Co., Cariboo, B. C.
Golden Circle Mg. Co., Denver, Colo.
Golden Cord Mg. Co., Seattle, Wash.
Golden Cross Mg. Co., Hedges, Cal.
Golden Cross Mg. Co., Yuma, Ariz.
Golden Cross M. & M. Co., Hedges, Cal.
Golden Crown Mg. Co., Deadwood, S. D.
Golden Crown Mg. Co., Helena, Mont.
Golden Dale M. & M. Co., Colo. Sprgs., Colo.
Golden Dragon M. & M. Co., Denver, Colo.
Golden Eagle M. & M. Co., Colo. Sprgs., Colo.
Golden Eagle Mg. Co., Denver, Colo.
Golden Eagle Mg. Co., Haydens Hill, Cal.
Golden Era Mg. Co., Vancouver, B. C.
Golden, F., Sawyers Bar, Cal.
Golden Feather Channel Co., Oroville, Cal.
Golden Fleece Mg. Co., Denver, Colo.
Golden Fleece Pl. Mg. Co., Colo. Sprgs., Colo.
Golden Fleece M. & M. Co., Tin Cup, Colo.
Golden Gate of Cal. Mg. Co., Oroville, Cal.
Golden Gate G. Mg. Co., Granite Ck., B. C.
Golden Gate Mg. Co., Butte, Mont.
Golden Gate Mg. Co., Glenn Springs, S. C.
Golden Gate Mg. Co., Quincy, Cal.
Golden Gate Mg. Co., Sonora, Cal.
Golden Gate M. & M. Co., Sonora, Cal.
Golden Galleon Mg. Co., Colo. Sprgs., Colo.
Golden, J., Auberry, Cal.
Golden Jacket Mg. Co., San F., Cal.
Golden King Mg. Co., Murray, Idaho.
Golden King Mg. Co., San F., Cal.
Golden Leaf Mg. Co., Ltd., Carlisle, N. M.
Golden Leaf Mg. Co., Empire, Mont.
Golden Link M. L. & B. Co., Cripple Ck., Colo.
Golden Lode Mg. Co., Halifax, N. S.
Golden Reward Mg. Co., Deadwood, S. D.
Golden Ridge Mg. Co., Boston, Mass.
Golden River Drift Mg. Co., Damascus, Cal.
Golden River Mg. Co., Gilta, Cal.
Golden Rule Mg. Co., Sonora, Cal.
Golden Rule M. & M. Co., Napa, Cal.
Golden Run Mg. Co., Forks of Salmon, Cal.
Golden Star Mg. Co., Downieville, Cal.
Golden Star Mg. Co., Lead, S. D.
Golden Summit Blue Gravel Mg. Co., Inskip, Cal.
Golden Terra Mg. Co., Terraville, S. D.
Golden Treas. Mg. Co., Central City, Colo.
Golden Treas. Mg. Co., Grass Valley, Cal.
Golden Treas. Mg. Co., S. L. City, Utah.
Golden Wonder Mg. Co., Lake City, Colo.
Goldenville G. Mg. Co., Goldenville, N. S.
Goldner & Palmenaz, Candelaria, Nev.
Goldstein, M., Baker City, Ore.
Goldstone G. Mg. Co., Colo. Spgs., Colo.
Goldstone Mg. Co., Colo. Spgs., Colo.
Goldthorpe, E. T., Dubuque, Iowa.
Golf M. & M. Co., Romleys, Colo.
Golita Gold Mg. Co., San Francisco, Cal.
Gome, Frank, Boundary Creek, B. C.
Gomez, Francisco y Cia., Parral, Mex.
Gonzalez, E. A. y Cia., Monterey, Mex.
Gonzalez, Eusebio, Guanajuato, Mex.
Gonzalez, Gen. Manuel, Guanajuato, Mex.
Gonzalez, Ildefonso, La Hacienda de Yage, Mex.
Goodan, David, Belmont, Nev.
Goodday, M., Magalia, Cal.
Goodenough G. Mg. Co., Deadwood, S. D.
Good Fortune Mg. Co., Hartville, Wyo.
Goodhope M. & M. Co., Grass V'y, Cal.
Goodhope G. Mg. Co., Downieville, Cal.
Good Hope Con. G. Mg. Co., Perris, Cal.
Good Hope Mg. Co., Washington, D. C.
Good Hope M. & M. Co., Sacramento, Cal.
Good Hope M. & M. Co., Trail Creek, B. C.
Good Hope Pla. Mg. Co., S. L. City, Utah.
Gooding, Jacob, Belmont, Nev.
Gooding, J. M., Belmont, Nev.
Gooding, Jno., Belmont, Nev.
Goodland M. & Mach. Co., Goodland, Kan.
Good Luck Mg. Co., Helena, Mont.
Goodrich & Co., Crescent City, Cal.
Goodridge, E. L., Canyonville, Ore.
Goodwill G. Mg. Co., Denver, Colo.
Goodwin, B., Happy Camp, Cal.
Goodwin Bros., Baker City, Ore.
Goodwin, J. A., Gothic, Colo.
Goodwin & Kelly, Quincy, Cal.
Goodwin & Lawrence, You Bet, Cal.
Goodwin & Sullins, Calico, Cal.
Goodyear Mg. Co., Helena, Mont.
Gootschalk G. M. & M. Co., Ang. Camp, Cal.
Gopher Boulder Qrtz. Co., Placerville, Cal.
Gordon, C., Happy Camp, Cal.
Gordon, Jas., Michigan Bar, Cal.
Gordon Mining Co., Twin Lakes, Colo.
Gorman, D. L., Michigan Bluff, Cal.
Gorman, John, Silver City, S. D.
Gorman, Thos., Silver City, S. D.
Gorman, T. & Co., Baker City, Ore.
Gorman & Reynolds, Baker City, Ore.
Goss, L. S. & G. S., Augusta, Mont.
Gott, N. G., Gottville, Cal.
Gould, A. J., Darwin, Cal.
Gould, G. E. L., Dillon, Colo.
Gould M. & M. Co., Colorado Sugs., Colo.
Gould & Curry S. Mg. Co., San F., Cal.
Goulding Bros., Naturita, Colo.
Gower Mg. Co., Amador City, Cal.
Gover M. & M. Co., Drytown, Cal.
Governors Gap Mg. Co., Jamestown, Colo.
Governors Mg. Co., Breckenridge, Colo.
Gow, Geo. P., San Francisco, Cal.
Gowan Mg. Co., Missoula, Mont.

Gowan, Newton, Maiden, Mont.....
Grabfrend, Fred, Redding, Cal.....
Gracey, A. H., Volcano, Cal.....
Graff, P. A., New York.....
Graham, A. J., Grizzly Flats, Cal.....
Graham, Brown & Young, Genesee, Cal....
Graham, Chas. H., Leadville, Colo.....
Graham, Dr. J., Fresno, Cal.....
Graham, Jas., Belmont, Nev.....
Graham, John, Forest Home, Cal.....
Graham, L., Angels Camp, Cal.....
Graham, W. A., Machpelah, N. C.....
Graham, W., Co., Granite, Ore.....
Grainger, W. P., Sandpoint, Idaho.....
Grainger & Co., Juneau, Alaska.....
Gramme, Hon. Otto, Laramie, Wyo.....
Gramps & Ginder, Con Cow, Cal.....
Grand Cent'l Mg. Co., Provo City, Utah....
Grand Duke Mg. Co., St. Elmo, Colo.....
Grandison, J. L. y Cia., Tlasayaltepec, Mex. .....
Grand Lake Mg. & S. Co., Quincy, Ill.....
Grand Prize Co., San F., Cal.....
Grand Prize Mg. Co., Tuscarora, Nev.....
Grand Union Co., Rollinsville, Colo.....
Grand Victory G. Mg. Co., Placerville, Cal.
Grand View M., M. & Dev. Co., Del Norte, Colo. .....
Granier, Emil, Atlantic City, Wyo.....
Granite Cr'k Ditch Co., Placerville, Idaho.
Granite Creek Gold Mining Co., Granite Creek, B. C. .....
Granite Creek G. Mg. Co., Vancouver, B.C.
Granite G. Exp. Co., Leadville Colo.....
Granite Hill Mg. Co., Grass Valley, Cal....
Granite Hill M. & M. Co., Colorado Springs, Colo.....
Granite Mining Co., Portland, Ore.....
Granite Mtn. G. Mg. Co., Butte, Mont.....
Granite Mtn. Mg. Co., St. Louis, Mo.....
Granite & Greenhorn M. & M. Co., Granite, Ore.....
Grant Bros., Granite, Ore.....
Grant G. Mg. Co., San Francisco, Cal....
Grant, H., Forks of Salmon, Cal.....
Grant, James, Fairview, B. C.....
Grant, N. B., Denver, Colo.....
Grant, Orlando, Loring, Alaska.....
Grant Silver Mg. Co., Portland, Ore.....
Grant, W. F., Baker City, Ore.....
Grant, W. H., American Fork, Utah.....
Grant & Dalrymple, Fairview, B. C.....
Grant & Murphy, Glenwood Springs, Colo.
Grant & Murray, Auburn, Ore.....
Grantstrom, O. & Co., Farnham, Colo.....
Graphic Mining Co., Kelly, N. Mex.....
Grasser, I. W., Silver Cliff, Colo.....
Grasshopper Mining Co., White Sulphur Springs, Mont. .....
Grass Valley Hyd. & Land Co., San Francisco, Cal.....
Gravel Bay Mining Co., Toronto, Ont....
Gravel, D., Calico, Cal.....
Graves, Robt. C., Grand Lake, Colo.....
Gray, B. C., Tin Cup, Colo.....
Gray Eagle Con. Mg. Co., Leadville, Colo..
Gray Eagle Mg. Co., Jamestown, Cal.....
Gray Eagle Mining Co., Kingston, N. Mex.
Gray Eagle Mg. Co., Laramie, Wyo.....
Gray Eagle Mg. Co., San Francisco, Cal.
Gray, G. D., San Francisco, Cal.....
Gray, Jno., Osier, Colo.....
Gray, L. C., Independence, Cal.....
Gray, L. & Bro., Phoenix, Ariz.....
Gray Mount Mg. Co., Bonanza, Idaho....
Gray, Thos., Calico, Cal.....
Gray, W. F., Chico, Mont.....
Grayson, G. W., Oakland, Cal.....
Great Northern Gold M. & M. Co., Skykomish, Wash. .....
Great North-Western Lead & S. Co., Los Angeles, Cal. .....
Great Republic Gold Mining Co., Cripple Creek, Colo.....
Great Republic Mg. Co., Empire, Colo. ..
G't Rep. S. & G. Mg. Co., Silver City, Nev.
Great Western Cons. Mining Co., Sweetwater, Cal. .....
Great Western Gold Mining Co., Middletown, Cal. .....
Great Western Mg. Co., Eagleville, Nev..
Great Western Mg. Co., Spokane, Wash..
Great Western M. & M. Co., San F., Cal..
Greater G. Belt Mg. Co., Cripple C'k, Colo.
Greely Mine, Gravel Hill, Va.....
Greeley M. & M. Co., Greeley, Colo.....
Greene, Charles, Huntington, Ore.....
Green, Frank, Utica, Mont.....
Green Mountain Falls Co., Green Mountain Falls, Colo.....
Green Mtn. G. Mg. Co., Grass Valley, Cal..
Green Mtn. Mg. Co., Chicago, Ill.....
Green Mtn. Mg. Co., Portland, Ore.....
Green Mtn. M. & M. Co., Oakland, Cal....
Green Mtn. & Cherokee Co., San F., Cal...
Green, J. W., Silver City, Utah.....
Green, R. F., Ainsworth, B. C.....
Green River Mg. Co., Chehalis, Wash.....
Green, Thos., Dumont, Colo.....
Green, W. C., Georgetown, Cal.....
Green & Coe, Huntington, Ore.....
Greenhorn Mg. Co., Rathdrum, Idaho.....
Greenwood, Chester, Trout Lake, Colo.....
Greenwood & Taylor, Cripple Creek, Colo..
Greer, Richard, Candelaria, Nev.....
Greer, Robt., Calico, Cal.....
Greggs, W. C., Grand Lake, Colo.....
Gregory G. Mg. Co., Denver, Colo.....
Gregory & Seaberg, Ouray, Colo.....
Greiner, J. T., Washoe City, Nev.....
Grenett, A. G., Oakland, Cal.....
Grenier, Fred, Tomichi, Colo.....
Grenough Bros., Oldham, N. S.....
Gresey, E. T., Aurora, Nev.....
Gressman Bros., Minersville, Utah.....
Grey Eagle Mg. Co., Spokane, Wash.....
Grewell, J. W., Portland, Colo.....
Grider, W. T., Selad Valley, Cal.....
Griego, Friedro, Juan Tafoya, N. Mex....
Griffey, G. W., Pitkin, Colo.....
Griffin, H. M., Georgetown, Colo.....
Griffin Mine & Gold Co., Griffin, Ga.....
Griffin, Scott, Tolo, Ore.....
Griffith, Capt., San Francisco, Cal.....
Griffith, D., Kootenay, B. C.....
Griffith, J., Henley, Cal.....
Griffith, P. F., Villa Grove, Colo.....
Griffith, R. B., Idaho Springs, Colo.....
Grigg & Hopkins, Durango, Colo.....
Griggs, J. A., Comstock, Ore.....
Grigley, John, Keremeos, B. C.....
Grigsby, G. A., Agland, Cal.....
Grimes, Thos. & Co., Passadena, Cal.....
Grinder, Wm., Newburg, Tenn.....
Grisby & Johnson, Calistoga, Cal.....
Griskell, Jos., Oro Grande, Cal.....
Grizzly Bear Mg. Co., Ouray, Colo.....
Grizzly Gulch Co., Stella, Cal.....
Grizzly Mine Co., Mansfield, Cal.....
Groesheck & Co., Salt Lake City, Utah....
Grohn, Jno., Stofiel, Nev.....
Grooms Bros., Alpha, Idaho.....
Gross, F., Letcher, Cal.....
Grotto Gold Mining Co., Manitou, Colo.....
Ground Hog Mg. Co., Red Cliff, Colo.....
Grouse Mountain M. & M. Co., Colorado Springs, Colo.....
Grover M. & M. Co., San Francisco, Cal..
Groves, Jas., Placerville, Idaho.....
Groves, P., Buena Vista, Colo.....
Grub & McKinney, Lotus, Cal.....
Grube, C. H., Lotus, Cal.....
Grubstake Mining Co., Stemple, Mont.....
Grunter Mining Co., Shoup, Idaho.....
Grupo Mg. Co., El, Tucson, Ariz.....
Gruss, T., Deadwood, Cal.....
Guadalajara Mg. Co., Chiquilistlan, Mex..
Guaranty Gold Mining & Investment Co., Cripple Creek, Colo.....
Guaranty S. Claim, Minneapolis, Minn....
Gue & Wilson, Halifax, N. S.....
Guerilla G. M. & M. Co., Baldy, N. Mex..
Guest & White, Fairview, B. C.....
Guild G. Mg. Co., San Francisco, Cal.....
Guisely & Co., Jolon, Cal.....
Gullett, Samuel, Loring, Alaska.....
Gund Gold Mining Co., Seattle, Wash.....
Gundry, Wm., Silver City, Utah.....
Gunn, J. J., Modock, Cal.....
Gunnell Mg. Co., Central City, Colo.....
Gunnison Cons. Gold M. & M. Co., Colorado Springs, Colo.....
Gunnison Mg. Co., White Cross, Colo.....
Gunnison Pros. M. & M. Co., Gunnison, Colo. .....
Gurnett, W. J., Oakland, Cal.....
Gurney M. & M. Co., Chicago, Ill.....
Guston Ltd. Mg. Co., Red Mountain, Colo.
Guthrie, M., North Powder, Ore.....
Gutridge, G. H. & Co., Granite, Ore.....
Gwin Mine Devel. Co., San F., Cal.....
Gwin Development Co., Mukelumne Hill, Cal. .....
Haas, F. G., Junction City, Cal.....
Haberman & Rhode, Rico, Colo.....
Hacker, G., Sparta, Ore.....
Hacklor, Wm., Riddles, Ore.....
Hackney, Bush & Dietrich, Washington Gulch, Mont. .....
Haddow, J., Palisade, Nev.....
Haeman, W. H., Little River, Va.....
Hager & Gardner, Yale, B. C.....
Haggin & Hearst, San Francisco, Cal.....
Hague, J. T., San Francisco, Cal.....
Hains & Gray, Genoa, Nev.....
Halberg, C. W., Daggett, Cal.....
Haldo, Vindade, San Mateo Tepautepec, Mex. .....
Hale, Boast & Brockway, Butte, Mont.....
Hale, James, Silver Peak, Nev.....
Hale & Norcross S. Mg. Co., San F., Cal..
Haley, F. W., Comptonville, Cal.....
Haley, J. J., Independence, Cal.....
Haley, Nicholas, Sitka, Alaska.....
Haley & Rogers, Sitka, Alaska.....
Half Moon Mining Co., Robinson, Colo....
Hall Bros., Virginia City, Mont.....
Hall, E. M., Oakland Cal.....
Hall, F. E., Bear Valley, Cal.....
Hall, J. B., Villa Grove, Colo.....
Hall Mines, Ltd., Nelson, B. C.....
Hall, M. R., Placerville, Colo.....
Hall, W., North Fork, Cal.....
Hall, Wm., Minudie, N. S.....
Hall & McFadden, Bear Valley, Cal.....
Hall & Whitely, San Francisco, Cal.....
Hallett & Hamburgh Gold Mining Co., Colorado Springs, Colo.....
Halley, John, Placerville, Idaho.....
Halley, L. G., Cripple Creek, Colo.....
Halstead, J., Spanish Ranch, Cal.....
Halvorson, A., Cottage Grove, Cal.....
Haly, A., Magnolia, Colo.....
Humberger, N., Amador City, Cal.....
Hamburg Mining Co., Eureka, Nev.....
Hamby Mtn. G. Mg. Co., Cleveland, Ga..
Hamilfield Mg. Co., San Francisco, Cal..
Hamill, Hall & Waters, Wells, Nev.....
Hamilton, A. N., Seattle, Wash.....
Hamilton G. & S. Mg. Co., Georgetown, Colo. .....
Hamilton, Harry, Loomis, Wash.....
Hamilton, I. K., Chicago, Ill.....
Hamilton, J., Auburn, Cal.....
Hamilton, J., Sprucemont, Nev.....
Hamilton, Jas., Three Rivers, Cal.....
Hamilton Mg. Co., Lake City, Colo.....
Hamilton Mg. Dev. Co., Hamilton, Wash..
Hamilton, R., Lewiston, Cal.....
Hamilton, Thos., Dillon, Colo.....
Hamilton, Wm., Quartzburg, Idaho.....
Hammell, G. A., Lake Valley, N. Mex.....
Hammersly, A., Bakersfield, Cal.....
Hammond Bros., Mono Lake, Cal.....
Hammond, James, Ft. William, Ont.....
Hammond, J. P., Mono Lake, Cal.....
Hampton, Dr. A., Peach Bottom, Va.....
Hampton, B., Salt Lake City, Utah.....
Hampton, T. S., Sharbot Lake, Ont.....
Hampton, W. R., Pollasky, Cal.....
Hampton & Lewis, Portland, Ore.....
Hancock, B., Letcher, Cal.....
Hand, C. H., Pony, Mont.....
Hand, Chas., Gold Basin, Ariz.....
Hand & Barton G. Mg. Co., Dahlonega, Ga.
Handell, Tom, Lake Valley, N. Mex.....
Handy, C. C., Ophir, Cal.....
Hanford, R. G., Jessie, Idaho.....
Hank & Co., Michigan Bluff, Cal.....
Hankins, D., Silver Hill, Ark.....
Hanks, E. K., Caineville, Utah.....
Hanley, W. F., Alleghany, Cal.....
Hanlon, W. H., Fulford, Colo.....
Hanna, Jas. W., Cortez, Colo.....
Hannay, A., Greenwood, Cal.....
Hanover Imp. Co., Silver City, N. Mex....
Hansen, D., Weavervilie, Cal.....
Hansen, H., Ravenna, Cal.....
Hansen, J. P., Rioville, Nev.....
Hansen, Reilley, Hartnett & Potter, Eureka, Nev. .....
Hansen, Thos., Grand View, Idaho.....
Hansen & Dunnebrink, Forks of Salmon, Cal. .....
Hanson, Andrew, Bourne, Ore.....
Hanson, P., Vernon, Utah.....
Hanson, P. N., Fryberg, Nev.....
Hanson, Rasmus, Eureka, Colo.....
Happy Hunch Mg. Co., Scott River, Cal...
Happy Thought Mg. Co., Creede, Colo.....
Happy Valley Blue Gravel Hydraulic Mining Co., San Francisco, Cal.....
Harbaugh Bros., Durango, Colo.....
Harbel & Buigeron, Compton, Cal.....
Harbert & Lewis, Adin, Cal.....
Harbison, D. M., Fayetteville, Ark.....
Hard, A. A., Albion, Idaho.....
Hardcastle Mg. Co., Deadwood, S. D.....
Harden, Baker, G. Mg. Co., Milwaukee, Wis. .....
Harders, Estey & Co., Red Cliff, Colo.....
Hardin, Baker, G. Mg. Co., Milwaukee, Wis. .....

GOLD AND SILVER—Continued.

Harding, H. T., Wine Harbour, N. S.....
Hardman, J. E., Ottawa, Ont.....
Hardscrabble Mg. Co., Rocky Bar, Idaho..
Hardy, O. B., Salt Lake City, Utah.....
Hardy, O. H., Salt Lake City, Utah.....
Hardy, S. M., Haworth, Colo.....
Hardy & Osborn, Angels Camp, Cal.....
Hargrove, C., Lamoille, Nev.....
Harkless, H. H., Ft. Halleck, Nev.....
Harlow, W. P., Loomis, Cal.....
Harlow, T. W., Eureka, Colo.....
Harlan & Co., Twin Lakes, Colo.....
Harman & Norman, Lewistown, Mont....
Harmeson & Co., Michigan Bluff, Cal.....
Harmon Bros., Riddles, Ore.....
Harmon, K. P., San Francisco, Cal.....
Harmony Gold Gravel Mining Co., Nevada City, Cal.....
Harmony M. & M. Co., Salt Lake City, Utah .....
Harney, G., Marysville, Cal.....
Harper Bros., Big Oak Flat, Cal.....
Harper, E., El Dorado, Cal.....
Harper, J. P., Troy, N. C.....
Harqua Hala G. Mg. Co., Phoenix, Ariz...
Harrigan, M., Hamburg, Cal.....
Harriman, M. B., Sonora, Cal.....
Harrington, J. P., Candelaria, Nev.....
Harrington Mg. Co., Butte, Mont.....
Harrington, P. J., Columbia, Nev.....
Harrington & Cook, Osburn, Idaho.....
Harris, Col. A. W., Kingston, N. Mex.....
Harris Bros., Sawyers Bar, Cal.....
Harris, Columbus, Mountain City, Nev....
Harris, Ed., Washoe City, Nev.....
Harris, H. A., White River, Cal.....
Harris, H. S., Mullan, Idaho.....
Harris, J., Waldo, Ore.....
Harris, J. A., Pollasky, Cal.....
Harris, J. S., Helena, Mont.....
Harris, W. T. & Co., Mokelumne Hill, Cal.
Harris & Lloyds T. Mg. Co., Butte, Mont.
Harris & Reed, Pollasky, Cal.....
Harrison Bros., Belmont, Nev.....
Harrison G. Mg. Co., Bucks Ranch, Cal..
Harrison, J., Malheur, Ore.....
Harrison Mg. Co., Silverton, Colo.....
Harrison & Co., Helena, Mont.....
Harrison & Elmore, Halleck, Nev.....
Harsmer, N. & Co., Rock Point, Ore.....
Harson Gold Mg. Co., Novelty, Cal.....
Hart Bros., Ayland, Cal.....
Hart, E. G., Whitehouse, Cal.....
Hart, H. H., Placerville, Colo.....
Hart, R. G., Jr., Ayland, Cal.....
Hart, R. G., Sr., Redding, Cal.....
Hart, W., Camp Badger, Cal.....
Hart, W. C. & Co., Redding, Cal.....
Hartford G. & S. Mining Co., Lead, S. D..
Hartford Mining Co., San Francisco, Cal...
Hartley, B. F., Ophir, Cal.....
Hartley Cons. Mg. Co., Grass Valley, Cal..
Hartley, Frank, Auburn, Cal.....
Hartley, M. C., Sprucemont, Nev.....
Hartley, Robt., Sprucemont, Nev.....
Hartman, W., Stella, Cal.....
Hartman, W. H., Rimini, Mont.....
Harvard G. M. & M. Co., Colo. Spgs., Colo.
Harvey, A., Henley, Cal.....
Harvey, R. G., Igo, Cal.....
Harvey, W. J., Flint, Va.....
Harwood & Williams, Steins Pass, N. Mex.
Haskell, E. J., Silver Cliff, Colo.....
Haskell G. Mg. Co., San Francisco, Cal...
Haskins, A. P., Trinity Centre, Cal.....
Haskins, J. W., Revelstoke, B. C.....
Haslon, C. F., Sonora, Cal.....
Hasson, J. M., Perris, Cal.....
Hastings Mg. & Red. Co., Toronto, Ont...
Hatch, L. D., Stevensville, Mont.....
Hathay & Bondurant, Coulterville, Cal....
Hatter, Matt., Boundary Creek, B. C.....
Haven & Haven, San Francisco, Cal.....
Havens, H. B., San Francisco, Cal.....
Havilah Mining Co., Nashville, Cal.....
Hawkeye G. Mg. Co., Des Moines, Iowa....
Hawkeye Mg. Co., Goldguich, Cal.....
Hawkins, C. E., Mancos, Colo.....
Hawkins, H., Yankee Hill, Cal.....
Hawley, A. D., Ravenna, Cal.....
Hawley, Gardner, Mg. Co., Bald Mt., Colo.
Haycock, E. Burton, Ottawa, Ont.....
Hayden G. Mg. Co., Cripple Creek, Colo..
Hayden Hill Con. Mining Co., Hayden Hill, Cal.....
Hayden Hill Tunnel Co., Adin, Cal.....
Hayden, L. R., Hillside, Colo.....
Haydon M. & M. Co., West Mancos, Colo...
Haydon Mg. & M. Co., Chicago, Ill.....
Hayes, Gilbert, Haworth, Colo.....
Hayes, G. H., Callahan, Cal.....
Hayes, Jno., Havilah, Cal.....
Hayes, J. O, & E. A., Hillsdale, Cal.....
Hayes, R. B., Mining Co., Galena, S. D...
Haygood G. & S. Mg. Co., Silver City, Nev.
Haylock & Carpenter, Compton, Cal.....
Haynes, Wm., Tin Cup, Colo.....
Hayward, Alonzo, Renfrew, N. S.....
Hayward, Col. A., San Francisco, Cal...
Hayward Group Silver Mining Co., Hayward, S. D. .....
Hayward, Lane & Co., San Francisco, Cal.
Hayward Mg. Co., Keithley Creek, B. C..
Hayward & Hobert, Carters, Cal.....
Haywood & Skews, Monticello, Utah.....
Hazelton, E. H., San Jose, Cal.....
Hazlet, H. & Co., Henley, Cal.....
Hazlett, J. H., Henley, Cal.....
Head Centre & Tranquility Mining Co., San Francisco, Cal.....
Headlight M. & M. Co., Empire, Colo.....
Heald, J. C., Nashville, Cal.....
Hearla Bros., Perris, Cal.....
Hearson & Murray, Black Bear, Cal.....
Heaston, D., Bingham Canyon, Utah.....
Heath, Benj., Chinese Camp, Cal.....
Heath Mining Co., Ruthburg, Idaho.....
Heatherston, Mat., Spring City, Nev.....
Hechtman & Lewis, Durango, Colo.....
Heckle Mining Co., Wallace, Idaho.....
Heckman, O. N., Jamestown, Colo.....
Hecla Con. Mg. Co., Indianapolis, Ind....
Hecla G. Mg. Co., Boston, Mass.....
Hecla S. Mg. Co., Portland, Ore.....
Hector G. Mg. Co., San Francisco, Cal...
Hector Mining Co., Denver, Colo.....
Heddy, Thomas, Sumpter, Ore.....
Hedges, J., Charparal House, Cal.....
Hedigan, J. P., Arivaca, Ariz.....
Heflin G. Mg. Co., Chattanooga, Tenn....
Hegarty, C., Moores Flat, Cal.....
Hegewald, Chas., Laramie, Wyo.....
Hegler Bros., Yreka, Cal.....
Heil & Akins, Rimini, Mont.....
Heil & Stahl, Rimini, Mont.....
Heilner, S. A., Baker City, Ore.....
Heils Mining Co., Rimini, Mont.....
Heisy, Hy., Bridgeport, Ore.....
Heleban, Jno., Melrose, Mont.....
Helen Mining Co., Mogollon, N. Mex.....
Helena Mining Co., Leadville, Colo.....
Helena & Dillon G. Mg. Co., Helena, Mont.
Helena & Idaho Gold Mining Co., Gibbonsville, Idaho.....
Helena & Livingston R. Co., Helena, Mont.
Helena & Victor Mg. Co., Helena, Mont...
Hellin, T. J., Harney, Ore.....
Hellings, W. B., San Francisco, Cal.....
Helm, Dr. A. C., Sawyers Bar, Cal.....
Helmadach Bros., Prairie City, Ore.....
Helmadach, Chas., Prairie City, Ore.....
Henderson, F., Sumpter, Ore.....
Henderson, J., Bullion, Nev.....
Henderson, Jas., Boulder, Colo.....
Henderson, S. J., Inskip, Cal.....
Henderson, Thos., Inskip, Cal.....
Henderson, Wm., De Lamar, Idaho.....
Hendra, James, Mill City, Nev.....
Hendricks, W., Meyers Falls, Wash.....
Hendryx, W. H. & Co., Ainsworth, B. C..
Hener, Chas. H., Wickes, Mont.....
Henkeefer, Hugo, San Isabel, Colo.....
Henley, Jos., Sundale, Cal.....
Henneberry, Thos., Twin Lakes, Colo.....
Hennessy, J. J. & Co., Rimini, Mont.....
Hennessy & Mitchell, Princeton, Mont.....
Hennicke, M., Crescent City, Cal.....
Henning, A. H., Silver Cliff, Colo.....
Henrici, H., Huntington, Ore.....
Henrietta G. Mg. Co., Colo. Spgs., Colo..
Henrietta & Maid Cons. Mining Co., Leadville, Colo.....
Henry, Jos., Callahan, Cal.....
Henry, Jos., Globe, Ariz.....
Henry, T., Coles, Cal.....
Hensley Bros., Castle, Mont.....
Hepburn Hydraulic Mining Co., Quesnelle Forks, B. C. .....
Heppner & Richardson, Clearwater, Idaho.
Hercules Gold M. & M. Co., Colorado Springs, Colo. .....
Herean, Thos., Ridgeway, Colo.....
Herman, Kidd & Francier, Elk Mtn., Wyo.
Herman Mining Co., Westville, Cal.....
Hermit Mining Co., Deadwood, S. D.....
Hermosa G. Mg. Co., Cripple Creek, Colo.
Herr, Jno. J., San Francisco, Cal.....
Herron, W., Redding, Cal.....
Hersberger, Everts, Osborn & Spils, Pinos Altos, N. Mex.....
Hertsinger, Louis, Calico, Cal.....
Hesperides Mg. Co., San Francisco, Cal....
Hesse, C., Nevada City, Cal.....
Hester, A., Mg. Co., Deadwood, S. D.....
Hetschel, Richard, Stella, Cal.....
Hettig, Peter, Cripple Creek, Colo.....
Hetzer, W., Nederland, Colo.....
Heuin & Carpenter, Sandpoint, Idaho.....
Hewald & Herman, Bridgeport, Ore.....
Heward, Geo., Candelaria, Nev.....
Heywood Hydraulic Gold Mining Co., Keithley Creek, B. C. .....
Hibbard & Burris, Browns Valley, Cal....
Hibbing Bros., Soulsbyville, Cal.....
Hibernia Mining Co., Greenville, Cal.....
Hickey Bros., Sawyers Bar, Cal.....
Hickey, C., Lewiston, Cal.....
Hickman, J. R., Nephi, Utah.....
Hickox, H. S., Summit Park, Colo.....
Hicks Park Mg. Co., Big Timber, Mont...
Hidalgo Mining Co., Pittsburg, Pa.....
Hidalgo Smelting Co., Sultepec, Mex.....
Hidden Treasure Gravel Mining Co., Michigan Bluff, Cal.....
Hidden Treas. Mg. Co., Boise City, Idaho.
Hidden Treas. Mg. Co., Kamloops, B. C...
Hidden Treasure Mg. Co., Stemple, Mont..
Hidden Treasure Mg. Co., Bonanza, Idaho.
Higgins, John, Quincy, Cal.....
Higgins Wildcat Co., Duluth, Minn.....
Highland Chief Mining Co., Council Bluffs, Iowa .....
Highland Chief Mg. Co., Deadwood, S. D..
Highland Flume Co., Virginia City, Mont..
Highland G. Mg. Co., French Gulch, Cal..
Highland Mining Co., Lead, S. D.....
Highland Mining Co., St. Louis, Mo.....
Highland Mg. Co., Salt Lake City, Utah..
Highland M. & M. Co., Lead, S. D.....
High Ore G. Mg. & S. Co., Spokane, Wash.
Hildreth, J. H., Granite, Ore.....
Hileta G. & S. Mg. Co., Velardena, Mex...
Hilgard, Prof. W. W., Los Angeles, Cal..
Hilgenhaus, Vorse & Co., San Miguel, Colo. .....
Hill, C. M., Denver, Colo.....
Hill, G. W., Central City, Colo.....
Hill, Jas., Lowell Hill, Cal.....
Hill, J. C., Weiser, Idaho.....
Hill Mining Co., Central City, Colo.....
Hill, O. H., Bishop, Cal.....
Hill Ranch Mg. Co., Central City, Colo....
Hill, Richard, Silverton, Colo.....
Hill, R. J., Kingston, N. Mex.....
Hill & Vodadinich, Palmetto, Nev.....
Hillhouse Mg. Co., Central City, Colo.....
Hilliard, J. H., Granite, Ore.....
Hillman, Dick, Clayton, Idaho.....
Hillside Mining Co., Mercur, Utah.....
Hillyard, H. A., Sudbury, Ont.....
Hilp, Sol., Ely, Nev.....
Hilton, McPherson & Co., Columbia, Cal..
Himalaya Mg. Co., Salt Lake City, Utah..
Himrod & Hudson, New York.....
Hinds, Jas., Silver Plume, Colo.....
Hinds, Jno., Tin Cup, Colo.....
Hines C'k Plat. Co., Granite C'k, B. C....
Hines & Leeper, Tecoma, Nev.....
Hinkley & Co., Cripple Creek, Colo.....
Hippert, Jno., Graniteville, Cal.....
Hireen, Tim, Kellogg, Idaho.....
Hirsch Mining Co., Independence, Cal.....
Hirsch & Roche, Hillsboro, N. Mex.....
Hitch, L. D., Tolo, Ore.....
Hitchcock, J., Oakland, Cal.....
Hitchcock & Sinas, Madera, Cal.....
Hite Gold Mg. Co., San Francisco, Cal....
Hizlett & Coyle, Hornbrook, Cal.....
Hobbs & Cane, Monticello, Utah.....
Hockett, S. T., Eagle, Colo.....
Hockett & Wright, Edwards, Colo.....
Hodges Bros., Yuma, Ariz.....
Hodgkin, D. C. W., Rescue, Cal.....
Hodgkins & Rohner, Baker City, Ore.....
Hodson, Robt., Oquawka, Ill.....
Hoff, M., Baker City, Ore.....
Hoff, W., Baker City, Ore.....
Hofstad Bros. & Co., Sitka, Alaska.....
Hogan, Peter, Genesee, Idaho.....
Holbrook, Jno., Newcastle, Cal.....
Holcomb Valley M. & M. Co., Victor, Cal..
Holden, P., Callahan, Cal.....
Holland, M. E. & Co., White Cross, Colo..
Holland, W., San Andreas, Cal.....
Holland & Tingman, Indio, Cal.....
Holley, J. B., Camp's Creek, Va.....
Holling Bros. & Friedwald, Steins Pass, N. Mex. .....
Holly, Jacob, Belmont, Nev.....
Holly, Jno., Belmont, Nev.....
Holman, Joel, Copley, Cal.....

Holmes & Tong, Carlisle, N. Mex.....
Holmes Mining Co., San Francisco, Cal...
Holmes, H. F., Rat Portage, Ont.....
Holter, M. & Bro., Helena, Mont.....
Holy Cross G. M. & M. Co., Denver, Colo..
Holy Terror Mg. Co., Rapid City, S. D....
Holy Terror M. & M. Co., Deadwood, S. D.
Home G. Mining Co., San Francisco, Cal...
Home G. & S. Co., Wabasha, Minn.....
Home Mining Co., Deadwood, S. D.....
Home Rule G. Mg. Co., Rich Gulch, Cal..
Home Run G. Mg. Co., Colo. Spgs., Colo..
Homestake Cons. Quartz Mining Co., Forest Hill, Cal. .....
Homestake Con. Mg. Co., Spokane, Wash..
Homestake G. Mg. Co., Rossland, B. C..
Homestake Gold M. & M. Co., Colorado Springs, Colo. .....
Homestake Mining Co., Hermosa, N. Mex..
Homestake Mining Co., Lead, S. D.....
Homestake Mining Co., St. Elmo, Colo...
Homestead G. Mg. Co., Vancouver, B. C..
Homestead Mg. Co., Rapid City, S. D....
Honerine Mining Co., Boston, Mass..... ..
Hoopes, A. G., Breckenridge, Colo.....
Hoosac Mg. Co., Idaho Springs, Colo.....
Hoosier Mining Co., Mishawaka, Ind.....
Hoover Hill G. Mg. Co., Hoover Hill, N. C.
Hope Mg. Co., Phillipsburg, Mont.....
Hope, P. L., Sitka, Alaska.....
Hopegood & Block, Rocky Point, Cal.....
Hopewell Placer Mg. Co., Chicago, Ill.....
Hopewell, W. S., Hillsboro, N. Mex.....
Hopkins, A. B., Waldo, Ore.....
Hopkins, Howard, San Isabel, Colo.....
Hopkins, H. C., Oakland, Cal.....
Hopkins, J. D. S., Parrott, Colo.....
Hopkins, L. H., Hayden Hill, Cal.....
Hopkins, Nash & Co., Adin, Cal.....
Hopper & Co., La Grande, Ore.....
Hoppey, Fred, Tecoma, Nev.....
Horpin, T. L., Willow Creek, Nev.....
Hopson, A. M., Sawyers Bar, Cal.....
Horn Silver Mg. Co., Grantville, Nev.....
Horn Silver Mg. Co., Salt Lake City, Utah.
Horn Silver Mining Co., New York.....
Horn & Ingalls, Mullan, Idaho.....
Horne, W. F., Stemple, Mont.....
Horry, Jos., Darwin, Cal.....
Horsefly G. Mg. Co., San Francisco, Cal..
Horsefly Hyd. Mg. Co., Vancouver, B. C..
Horseshoe Bar Con. Mg. Co., San F., Cal..
Horseshoe B. G. Mg. Co., Sultan City, Wash. .....
Horseshoe Comet Mg. Co., Deadwood, S. D.
Horseshoe Mining Co., Deadwood, S. D..
Horseshoe Mg. Co., Sawyers Bar, Cal.....
Horseshoe Silver Mg. Co., Rochester, N. Y.
Horseville & Co., Valley Springs, Cal.....
Hortense G. M. & M. Co., Denver, Colo..
Hosie, J. C., Fresno, Cal.....
Hoskins, Mrs. K., Grizzly Flats, Cal.....
Hosmer, Anderson & Co., Rock Point, Ore.
Hosmer, Geo., Walker, Cal.....
Hosenpiller, E. R., Cherry, Ariz.....
Houck, Charles, Bourne, Ore.....
Hough, Wm., Radersburg, Mont.....
Houghton, Dick, Barry, Colo.....
House, James, Clinton, Mont.....
Houseman, W. W., Stanley, B. C.....
Houston & Thomas, Pinos Altos, N. Mex..
Hovis Joseph, Uriah, Pa.....
Howard, C. M., Mercur, Utah.....
Howard, Geo. W., Howardsville, Colo.....
Howard, J. & Co., Baker City, Ore.....
Howard, Jno., Haworth, Colo.....
Howard, S. C., Happy Camp, Cal.....
Howard, W., Hayden Hill, Cal.....
Howard & Carey, Cornucopia, Ore.....
Howe, M., Greenwood, Cal.....
Howell J., Bonanza, Ore.....
Howell, L. W., Dunlap, Cal.....
Howell, Mark, Prairie City, Ore.....
Howell, Shearer, Prairie City, Ore.....
Howell, T. M., Rye Patch, Nev.....
Howland, S. H., Middle Bar, Cal.....
Huautla, Cia. Minera del Real de, Tlaquiltenango, Mex.....
Huautla, Cia. Minera de, Huautla, Mex...
Hubbard, Maj. E. L., Newcastle, Cal.....
Hubbard, J., Oak Bar, Cal.....
Hubbard M. & M. Co., Banner, Cala.....
Hubbard, Winslow, Groveland, Cal.....
Hubbard & Bowers, Harqua Hala, Ariz...
Hubbard & Kingsbury, Igo, Cal.....
Huber, Jno., Mountain City, Nev.....
Hudson Bay L. Dept., Winnipeg, Man....
Hudson Bay Mg. Co., Grass Valley, Cal...
Hudson Bros., Agua Fria, Ariz.....
Hudson John, Riddles, Ore.....
Hudson & Blair, Granite, Mont.....
Hudson & Oatman, Silver Cliff, Colo.....
Huey, David, Happy Camp, Cal.....
Huff, John, Dahlonega, Ga.....
Huffman, T., Huntington, Ore.....
Hufford, J. F. & E. H., Organ, N. Mex...
Hughes Bros., Villa Park, Cal.....
Hughes, C. C., Petty, Ark.....
Hughes, Geo., Gold Hill, N. Mex.....
Hughes, Jas. L., Nederland, Colo.....
Hughes, J. S., Sawyers Bar, Cal.....
Hughes Mg. Co., Sierra City, Cal.....
Hughes & Hunt, Gibbonsville, Idaho.....
Hukill Mg. Co., Idaho Spgs., Colo.....
Hulbert, Geo., Ouray, Colo.....
Hulings & Co., Ward, Colo.....
Hull, Murray & Co., Redding, Cal.....
Humbolt G. & S. M. & M. Co., Cripple Creek, Colo.....
Humbolt M. & M. Co., San Francisco, Cal.
Humboldt Con. Co., Denver, Colo.....
Humboldt, M. C., Memphis, Tenn.....
Humboldt Mining Co., Boston, Mass.....
Humboldt Mining Co., Canyon City, Ore..
Humboldt Mining Co., Leadville, Colo....
Humboldt Queen G. & S. Mg. Co., Rye Patch, Nev. .....
Hume, A. W. & Co., Tecoma, Nev.....
Humis, J. J., Dolores, Colo.....
Hummel, E., Greenwood, Cal.....
Humphrey M. & M. Co., Idaho Spgs., Colo.
Humphrey, R. E., Globe, Ariz.....
Hunagan & Rose, Darwin, Cal.....
Hunsaker, S. C., Silver Cliff, Colo.....
Hunt, D. B. & Co., Stella, Cal.....
Hunt M. & M. Co., Boston, Mass.....
Hunt, S. T., Barry, Colo.....
Hunter, G. W., Lewistown, Mont.....
Hunter, H., Sawyers Bar, Cal.....
Hunter, Henry, Hope, B. C.....
Hunter, J. H., Butte Valley, Cal.....
Hunter, J. W., Lawson, Colo.....
Hunter, R. E., American Fork, Utah.....
Hunter, W. S., Independence, Cal.....
Hunter & Fox, La Grande, Ore.....
Huntington Mg. Co., Connor Creek, Ore...
Huntley & Schack, Gold Beach, Ore.....
Hupp & McMurray, Weaverville, Cal.....
Hurd & Bickford, Michigan Bluff, Cal....
Hurricane Mg. Co., Port Angeles, Wash..
Hurst, C., Bay Horse, Idaho.....
Hussey, Jno., You Bet, Cal.....
Hutchinson, A. S., Hahns Peak, Colo.....
Hutchinson, J., Twin Lakes, Colo.....
Hutchinson, J. F., North Fork, Cal.....
Hutchinson, Wm., Mokelumne Hill, Cal...
Hutieres, Morestina, Juan Tafoya, N. Mex.
Hyatt, W., Granite, Ore.....
Hyde, C. F., Baker City, Ore.....
Hyman, D. M., Aspen, Colo.....
Hyndman Mg. Co., Central City, Colo.....
Hyten, Wm., Daggett, Cal.....
Ibex G. Mg. Co., Ltd., Rich Gulch, Cal....
Ibex Mining Co., Leadville, Colo.....
Ibex Mining Co., Los Angeles, Cal.....
Ice Lake M. & M. Co., Silverton, Colo.....
Ida G. & S. Mg. Co., Sodaville, Nev.....
Ida Florence Mg. Co., Keystone, S. D....
Ida Hill Mining Co., Kelly, N. Mex.....
Ida May G. Mg. Co., Colorado Spgs., Colo.
Ida May Mining Co., Rimini, Mont.....
Idaho Develop. & Mg. Co., Bonners, Mont.
Idaho Gold Mg. Co., Salt Lake City, Utah.
Idaho G. M. & M. Co., Custer, Idaho.....
Idaho G. Mg. & Smelt. Co., Butte, Idaho..
Idaho Gold Red. Co., Gibbonsville, Idaho..
Idaho G. & S. Mg. Co., Pomeroy, Wash..
Idaho Mining Co., Ltd., Chicago, Ill.....
Idaho Mining Co., Grass Valley, Cal.....
Idaho Mining Co., Murray, Idaho.....
Idaho Mg. & Dev. Co., Chicago, Ill.....
Idaho Mg. & Dev. Co., Elk City, Idaho....
Idaho Mg. & Irrigation Co., New York....
Idaho Pass Mining Co., Hailey, Idaho.....
Idaho Placer Mg. Co., Pierce, Idaho.....
Idaho Sampling Mg. Co., Hailey, Idaho...
Idaho Spgs. M. & D. Co., Idaho Spgs., Colo.
Idaho & Pittsburg M. & M. Co., Pittsburg, Pa. .....
Idaho Yellow Jacket Gold Mining Co., Yellow Jacket, Idaho.....
Ideal Placer W. W. & P. Co., San F., Cal..
Idlewild G. Mg. Co., San Francisco, Cal..
Idol Mining Co., Harney, Ore.....
Ignosi Mining Co., Silver Reef, Utah.....
Iler, Wm., Twin Lakes, Colo.....
Illinois Boy Mg. Co., Lake City, Colo.....
Ill. Cent. Coal & Salt Co., Cairo, Ill.....
Illinois G. M. & M. Co., Denver, Colo....
Illinois Mining Co., Kingston, N. Mex.....
Illinois Mining Co., Kirby, Ore.....
Illinois Mining Co., Prescott, Ariz.....
Imarritu, Silverio, San Geronimo Tabiche, Mex. .....
Imperial Mg. Co., Central City, S. D.....
Imperial Mining Co., Gold Hill, Nev.....
Independence Mining Co., Independence, Mont. .....
Independence Mining Co., Ketchum, Idaho.
Independence Mg. Co., Lake City, Colo...
Independence Mg. Co., San Francisco, Cal..
Independence Tun. Co., Denver, Colo... .
Independent G. & S. Mg. Co., Silver City, Nev. .....
Inde y la Brufa, Inde, Mex.....
Indian Creek Land & Mining Co., El Dorado, Cal. .....
Indian River Mg. Co., Sitka, Alaska.....
Indiana Mining Co., Baker City, Ore.....
Industrial M. & M. Co., San Francisco, Cal. .....
Inez Mining Co., Portland, Ore.....
Ingalls, A. F., Winston, Mont.....
Ingalls & Stewart, Candelaria, Nev.....
Ingersoll Mining Co., Neihart, Mont.....
Ingham Con. Gold Mining Co., Council Bluffs, Iowa.....
Ingham Con. Mg. Co., Colo. Spgs., Colo....
Ingold Pl. Mg. Co., Denver, Colo.....
Ingram Mining Co., St. Louis, Mo.....
Irgrams, Chas., Lewiston, Cal.....
Innes, James, Barkerville, B. C.....
Insley M. & M. Tun'ling Co., Denver, Colo.
Inter Mountain Mg. Co., Deadwood, S. D..
International Gold M. & M. Co., Denver, Colo. .....
International Mining Co., Spokane, Wash..
International Mg. & D. Co., Portland, Ore.
International Placer Co., Bozeman, Mont..
International Syn., San Francisco, Cal.....
Inter Ocean Mg. Co., Welcome, Wyo.....
Inter Republic G. & S. Mining Co., Las Cruces, N. Mex.....
Interstate Con. Mg. Co., Bridgeport, Cal..
Interstate Gold Mining Co., Chicago, Ill..
Interstate G., S. & Cop. Co., Chicago, Ill..
Inter-State Mining Co., Helena, Mont.....
Investors Pros. G. Mg. Co., Denver, Colo..
Inyo Mg. & Dev. Co., Darwin, Cal.....
Iowa Mining Co., Cedar Falls, Iowa.....
Iowa Mining Co., Cedar Rapids, Iowa.....
Iowa Mining Co., San Francisco, Cal.....
Ireland Bros. & Kane, La Veta, Colo.....
Ireland, R. E., Spring City, Nev.....
Irigoyen, Hermanos, Huetamo, Mex.....
Irish Amer. Mg. Co., Grass Valley, Cal...
Irma Mining Co., San Francisco, Cal.....
Iron Chief Mining Co., Robinson, Mont...
Iron Clad Mining Co., Denver, Colo.....
Iron Clad Mining Co., Rico, Colo.....
Iron Clad Mining Co., St. Louis, Mo.....
Iron Duke G. Mg. Co., Denver, Colo.....
Iron Gold Mining Co., Denver, Colo.....
Iron Hill Mining Co., Carbonate, S. D....
Iron Hill Mining Co., Deadwood, S. D....
Iron Hill Mining Co., Leadville, Colo.....
Iron Horse M. & M. Co., Ltd., Spokane, Wash. .....
Iron Mask G. Mg. Co., Red Cliff, Colo.....
Iron Mountain Co., Helena, Mont.....
Iron Mtn. Mg. Co., Pardee, Mont.....
Iron Mountain Mg. Co., Redding, Cal.....
Iron Mtn. M. & M. Co., Denver, Colo.....
Iron Sides Mg. Co., Boundary Falls, B. C..
Ironsides, Jas., Yreka, Cal.....
Iron Silver Mining Co., Leadville, Colo..
Iron Spgs. Mg. Co., Trout Lake, Colo....
Irving & Co., Lillooet, B. C.....
Irwin, J. W., Boulder, Colo.....
Irwin, R., Sunnyside, Colo.....
Irwin Milling & Power Co., Irwin, Colo..
Isabella G. Mg. Co., Cripple Creek, Colo..
Isadorah Mining Co., Deadwood, S. D.....
Isadore G. Mg. Co., Colorado Spgs., Colo..
Isham, F. W., Colorado Springs, Colo.....
Isis G. & S. Mg. Co., Virginia City, Nev..
Island Mountain Co., Barkerville, B. C....
Islander Gold Quartz M. & M. Co., Vancouver, B. C. .....
Ivanhoe M. & M. Co., Colorado Spgs., Colo.
Ivanpah M. & M. Co., Ivanpah, Cal.....
Jacarilla Placer Mining Co., Las Vegas, N. Mex. .....
Jack, W. J., Sitka, Alaska.....
Jack Pot Mg. Co., Colorado Springs, Colo..
Jack Rabbit M. & Mg. Co., San F., Cal....
Jackson, B. B., Walker, Cal.....
Jackson, D. H., Placerville, Cal.....
Jackson, E. T., Comptonville, Cal.....
Jackson, Geo., Hailey, Wyo.....
Jackson, G. M., Lundy, Cal.....
Jackson Goldfields, Ltd., Ione, Cal.....
Jackson, H. L., Sandpoint, Idaho.....

GOLD AND SILVER—Continued.

Jackson, L., Genesee, Idaho
Jackson, Levi, Asheville, N. C
Jackson Mining Co., Eureka, Nev
Jackson Mining Co., San Francisco, Cal.
Jackson, P., Genesee, Idaho
Jackson, Peter, Reveille, Nev
Jackson, Sam, Prairie City, Ore
Jackson, W. H., Spenceville, Cal
Jackson & Gill, Rimini, Mont
Jackson & Lakeview Mg. Co., Lundy, Cal.
Jacksonville M. & M. Co., Jacks'nv'le, Ore.
Jacobie, J., Lewiston, Cal
Jacobs, C. H., Crystal Springs, Ark
Jacobs, J., Oroville, Cal
Jacobs, L. C., Hurlton, Cal
Jacobs, J., Henley, Cal
Jacobs, Julius, San Francisco, Cal
Jacobs, Mrs. Sophia, Snelling, Cal
Jacobs, W. A., Ashland, Ore
Jacobson, Austin, Hamilton, Nev
Jacombs, J., White River, Cal
Jago, E. B., Mammoth, Ariz
James Bros., Groveland, Cal
James, J. P., Groveland, Cal
James, R. W., Rosita, Colo
James, Thomas, Virginia City, Cal
James & Hedge, Washington Bar, Mont.
Jamison Mining Co., Johnsville, Cal
Janes & Hall, Ravenna, Cal
Japan Con. M. & M. Co., Telluride, Colo.
Jaqua, Brooks & Co., Dayton, Nev
Jarrett & White, Ophir, Colo
Jay Gould Mining Co., Helena, Mont
Jay Gould M. & M. Co., Silver Cliff, Colo.
Jay Hawk Mg. Co., Silver City, Idaho
Jay Hawk & Lone Pine Mg. Co., Ponsonby, Mont.
Jay I See G. Mg. Co., French Gulch, Cal.
Jayne, Dr. De Witt, Florida, Cal
Jeanette Mg. Co., Bonner's Ferry, Idaho.
Jefferson Car. S. Mg. Co., Deadwood, S. D.
Jefferson G. Q. Mg. Co., Marysville, Cal.
Jefferson Mining Co., Denver, Colo
Jeffrey, Mrs. M., Grizzly Flats, Cal
Jellison, C. B., Henley, Cal
Jenkins, Jas., Keeler, Cal
Jenkins & Co., Baker City, Ore
Jenkins & Hacker, Oro Blanco, Ariz
Jennings, D., Craig, Ill
Jennings, J., New Bridge, Ore
Jennings, W. P., Concord Depot, Va
Jensen, Geo., Oak Bar, Cal
Jensen, Mrs. M., Letcher, Cal
Jensen, Nels, Galen, Mont
Jensen, S. M., Letcher, Cal
Jensen & Co., Oak Bar, Cal
Jepsen, C. O., North Bloomfield, Cal
Jessie G. M. & M. Co., Chicago, Ill
Jeurgenson, P. N., Michigan Bluff, Cal.
Jewell, Truma E., San Francisco, Cal.
Jewell, T. R., Palisade, Nev
Jewett T. Mine, Green Mtn. Falls, Colo.
Jim Blaine Mg. Co., Rocky Bar, Idaho.
Jimmie Mack Mining Co., Tin Cup, Colo.
Jine Mining Co., New London, N. C
Johnny Bull Mining Co., Greenville, Cal.
Johnny Bull Mining Co., Rico, Colo
Johns, Wm., San Francisco, Cal
Johnson, Alf., Duncan, Mont
Johnson, Augustus, San Francisco, Cal.
Johnson, Charles, Althouse, Ore
Johnson, D., Greaterville, Ariz
Johnson, Fred, Osoyoos, B. C
Johnson, F. A., Brindletown, N. C
Johnson, F. W., Marysville, Cal
Johnson, John, Newburg, Tenn
Johnson, J. C., Aspen, Colo
Johnson, J. H., Red Bluff, Mont
Johnson, J. M., Baker City, Ore
Johnson, J. & Co., Waldo, Ore
Johnson Mining Co., Brownsville, Cal.
Johnson, N. O., Mg. Co., Cripple C'k, Colo.
Johnson, Peter, Douglas, Alaska
Johnson, Seymour, Sugar Loaf, Colo
Johnson, Swezy & Brown, Marysville, Cal.
Johnson, Thos., Cle-Elum, Wash
Johnson, T. F., Ogilby, Cal
Johnson, W., Granite, Ore
Johnson, W. A., Althouse, Ore
Johnson & Co., Baker City, Ore
Johnson & Co., Prairie City, Ore
Johnson & McMillan, Bayles, Cal
Johnson & Preison, Stemple, Mont
Johnson & Sanderson, St. Davids, Ont.
Johnson & Sullivan, Visalia, Cal
Johnston, A. J., Sacramento, Cal
Johnston, C. J., Red Wing, Idaho
Johnston, C. J. & Co., Saw Tooth, Idaho.
Jones Bros., Chapparel House, Cal
Jones, C., Igo, Cal
Jones, D., Lundy, Cal
Jones, E. H., Grand View, Idaho
Jones, Geo. A., Barry, Colo
Jones, Harry, Van Winkle, B. C
Jones, Hugh, Sparta, Ore
Jones, H. D., Silver City, Utah
Jones, H. M., Dumont, Colo
Jones, J. D., North Fork, Cal
Jones, Jno. P., Gold Hill, Cal
Jones, J. E., Pendleton, Va
Jones, Jos. E., Reno, Nev
Jones, J. H., Willow Creek, Nev
Jones, J. R., North Bloomfield, Cal
Jones, J. W. & Co., Frisco, N. Mex
Jones, Martin, San Francisco, Cal
Jones, P. H., Washington Bar, Mont
Jones, R., Newcastle, Cal
Jones, S. M., Goldgulch, Cal
Jones, T. E., Junction City, Cal
Jones, T. R. & Co., Salt Lake City, Utah.
Jones & Carpenter, Baker City, Ore
Jones & Christensen, Redding, Cal
Jones & Nimes, Goldgulch, Cal
Jones & Ready, De Lamar, Idaho
Jones & Weller, San Miguel, Colo
Joos, Caspar, Sierra City, Cal
Jordan Mining Co., Jordan, Minn
Jordan, S. T., Silver Cliff, Colo
Jordan, W. R., Derita, N. C
Jordan, M., De Lamar, Idaho
Jorgenson, P., Vernon, Utah
Josephine Mining Co., Spokane, Wash
Josie Gold Mg. Co., Rossland, B. C
Jouin, Louis, San Francisco, Cal
Joy, J. A., Pueblo, Colo
Joyce, Mullins & Co., Osier, Colo
Joyce & Waters, Bay Horse, Idaho
Jubilee Placer Co., Radersburg, Mont
Judd, H. L., Ridgway, Colo
Judder, Jas., Bingham Canyon, Utah
Judge Mining Co., Robinson, Mont
Judson, Russell H., San Francisco, Cal.
Judson T. & Mg. Co., Denver, Colo
Judson, Wm. R., San Francisco, Cal
Julia Con. Mining Co., San Francisco, Cal.
Jumbo Mining Co., Rico, Colo
Jumbs & Milan, Ouray, Colo
Juneau Mining Co., San Francisco, Cal.
Juneau Mg. & Mfg. Co., Eau Claire, Wis.
Juno M. & M. Co., Denver, Colo
Jupiter Belmont Mining Co., Denver, Colo.
Jupiter Mg. Co., Council Bluffs, Iowa
Jupiter Mg. Co., Salt Lake City, Utah
Justice G. M. Co., San Francisco, Cal.
Justice Mining Co., Central City, Colo
Justice Mining Co., Van Winkle, B. C
Juventa Mining Co., Breckenridge, Colo.
Kaffirs G. Mg. Co., Colorado Spgs., Colo.
Kaiser, Brown & Schnable, Ophir, Cal.
Kaiser, Chas., Healy, Nev
Kaiser, Sam'l, Greenwood, Cal
Kakertz, Tom, & Co., Nampa, Idaho
Kaladar Mining Co., Flinton, Ont
Kalama G. & S. M. & M. Co., Kalama, Wash.
Kalispell Placer Mg. Co., Kalispell, Mont.
Kamloops Mg. & Dev. Co., Kamloops, B. C.
Kamontarors Mining Co., Juneau, Alaska.
Kanaka Bar G. D. Co., Vancouver, B. C.
Kane, Potting & Judge, Basin, Mont
Kane & Ireland, La Veta, Colo
Kanern Mining Co., Dumont, Colo
Kanrohat, C. J., Peavine, Nev
Kansas Burroughs Con. Mining Co., Denver, Colo.
Kastner, L., Baker City, Ore
Katahdin Mining Co., Spokane, Wash.
Kate Hays Mg. Co., San Francisco, Cal.
Kates, S. P., Georgetown, Cal
Katherine G. Mg. Co., Colo. Springs, Colo.
Katie Mg. Co., Basin, Mont
Kauf, Jacob, Wickes, Mont
Kaufman, Antone, Rye Patch, Nev
Kaufman, J. W., St. Louis, Mo
Kaurn, H. R., Glenwood Springs, Colo.
Kauth, Andrew, Howardsville, Colo
Kavanaugh, Ed., Michigan Bluff, Cal.
Kay, David, Ogden, Utah
Keady, W. P., Portland, Ore
Keal, Henry, Gold Hill, N. Mex
Kearney Mining Co., Rico, Colo
Keath, David, Park City, Utah
Keating, J., Madera, Cal
Keating, Jno. A., Radersburg, Mont
Keaton, T. J., Henley, Cal
Kee, Chong & Co., Mokelumne Hill, Cal.
Kee, Wah & Co., Malheur, Ore
Keefe, T., Goldgulch, Cal
Keefe & Mahoney, Folsom, Cal
Keefe & Taylor, O'Neals, Cal
Keefer, H., Vancouver, B. C
Keeler, Dan'l, Healy, Nev
Keeler Smelt. & Tram. Co., Kelly, N. Mex.
Keene, J. F., Boundary Creek, B. C
Keeney, G. D., Pony, Mont
Keeper, Windsor A., San Francisco, Cal.
Keith, Chas., Cripple Creek, Colo
Keith, Fred. W., San Marcial, N. Mex
Kelby, W., Brindletown, N. C
Kellar, Ross, White River, Cal
Kellar & Engle, Osoyoos, B. C
Kelley, F. L., Sparta, Ore
Kelley, Mrs. M., Candelaria, Nev
Kelley Mines, Morrisville, Va
Kellogg, Chas. D., Quincy, Cal
Kellogg Gold Mg. Co., Canton, Ga
Kellogg, V., Cumberland, Wis
Kellogg, W. W., Quincy, Cal
Kellum, C. S., Gold Hill, N. Mex
Kelly, Chas., Ridgeway, Colo
Kelly, Eli, & Co., Walker, Cal
Kelly, Frank, & Co., French Gulch, Cal.
Kelly, Hugh, Butte Valley, Cal
Kelly, Jas., Haworth, Colo
Kelly, John T., Golden, N. Mex
Kelly, John T., Milford, Utah
Kelly, Jos., Quincy, Cal
Kelly & Brunzell, Reynolds, Idaho
Kemp, Thos., Osburn, Idaho
Kempt Gold Mg. Co., Yarmouth, N. S.
Kendall, J. W., Grizzly Flats, Cal
Kendall Mt. G. & S. Mg. Co., Silverton, Colo.
Kendall & Roberts, Forbestown, Cal
Kendrick & Winston, Winston, Mont
Kennan, Geo., Boulder, Colo
Kennedy, Martin, Sunnyside, Nev
Kennedy M. & M. Co., San Francisco, Cal.
Kenny Bros., Johnson & Sly, Tierra Blanca, N. Mex.
Kennison, H., New Bridge, Ore
Keno Mining Co., Ouray, Colo
Keno & Last Chance Mg. Co., Beowawe, Nev.
Kent, C. J., Rough and Ready, Cal
Kent Co. Mg. Co., Central City, Colo
Kentson, Moses & Co., Frisco, N. Mex
Kentuck Con. Mg. Co., San F., Cal.
Kentuck Mining Co., Shoup, Idaho
Kentucky Bell Mining Co., Creede, Colo.
Kentucky Mining Co., Gold Hill, Nev
Kentucky Mining Co., Ironton, Colo
Kentucky Mining Co., Sierra City, Cal.
Kenyon, T., Eagleville, Nev
Keown, J. H., Michigan Bluff, Cal
Kerr, Thos. N., Maiden, Mont
Kerr, Wm., Haworth, Colo
Kersarge Mining Co., Independence, Cal.
Kessinger, Dietrich & Hackney, Washington Gulch, Mont.
Kessler, J. & F., Musick, Cal
Kestler, J. H., Carlisle, N. Mex
Ketrick Bros., Lumpkin, Cal
Kettlewood, W., Hamburg, Cal
Keyes S. Mg. Co., Virginia City, Nev
Keys, P., Independence, Cal
Keys Silver Mg. Co., San Francisco, Cal.
Keystone Chlor. & Mining Co., Deadwood, S. D.
Keystone Cons. Mg. Co., Amador City, Cal.
Keystone Con. Mg. Co., Rapid City, S. D.
Keystone G. Mg. Co., San Miguel, Colo.
Keystone Mining Co., Keystone, S. D.
Keystone Mining Co., Labelle, N. Mex.
Keystone Mining Co., Magnolia, Colo
Keystone Mining Co., Portland, Ore
Keystone Mining Co., Spokane, Wash
Keystone M. & M. Co., Colo. Spgs., Colo.
Keystone M. & M. Co., Deadwood, S. D.
Keystone Placer Co., San Miguel, Colo.
Keystone & King M. & M. Co., Missoula, Mont.
Keysville G. Mg. Co., Keysville, Cal
Kiessling Bros., Murphy, Ore
Kiessling & Anderson, Murphy, Ore
Kiessling & Kreemer, Williams, Ore
Killer, V. G., Canyon City, Ore
Kilpatrick, Andrew, Clinton, Cal
Kilpatrick, A. S., Sweetwater, Nev
Kimball, O. D., Howardsville, Colo
Kimber, Ben, Helena, Mont
Kimberly G. & S. Mg. Co., Lead, S. D.
King, C. H., Coeur d'Alene, Idaho
King, Clyde W., Grand Lake, Colo
King, David, Organ, N. Mex
King, Ed., Ellensburg, Wash
King, G. W., White River, Cal
King Gulch Mg. Co., Grubgulch, Cal.
King, Jno., Benton, Cal
King, J. R., Copley, Cal
King Mining Co., Chicago, Ill

King Mining Co., Gold Hill, Colo.....
King, W. J., Villa Grove, Colo.....
King Solomon G. Mg. Co., Boston, Mass..
King Solomon Mg. Co., Grass Valley, Cal..
King Solomon Tun. & Mining Co., Denver, Colo. .....
King & Fisher, Silver City, Ark.....
Kingdon, Geo., Globe, Ariz.....
Kingman S. Mg. Co., San Francisco, Cal..
Kinkhead M. & M. Co., Virginia City, Nev.
Kinman, C. E., Woodville, Mont.....
Kinney, A., Kingston, N. Mex.....
Kinney, W., Georgetown, Cal.....
Kinsley, T. L., Maiden, Mont.....
Kinzey, J., Malheur, Ore.....
Kipperdan, T., Goldgulch, Cal.....
Kipperdan & Murray, Goldgulch, Cal.....
Kirby, Daniel, Rico, Colo.....
Kirby, David, Walkerville, Mont.....
Kirby, J., Hildreth, Cal.....
Kirk, Henry, Clayton, Idaho.....
Kirk, Peter, Clayton, Idaho.....
Kirk, R. R., Breckenridge, Colo.....
Kirkiouga Mg. Co., Magnolia, Colo.....
Kirkland Bros., Auckland, Cal.....
Kiser, Peter, Lida, Nev.....
Kissock, Robt., White Cross, Colo.....
Klanberg, Daniel, Inskip, Cal.....
Kleinze, H. G., Great Falls, Mont.....
Kline, J. B., Marble, Colo.....
Kline, J. M., Hall Valley, Colo.....
Kline, W. E., Sawyers Bar, Cal.....
Klockman, A., Sandpoint, Idaho.....
Klopp, Isaac, Granite, Ore.....
Knabb, Amos, Dumont, Colo.....
Knack, Carl, Calico, Cal.....
Knapp Cons. Mg. Co., Calistoga, Cal.....
Knapp, S. A., Hawthorne, Nev.....
Knickrem, J. C., Mohawk, Cal.....
Knight Bros., Georgetown, N. Mex.....
Knight, Eugene, Hallvale, Colo.....
Knight, H. W., Placerville, Idaho.....
Knight, Isaac, Lake Valley, N. Mex.....
Knight, W. H., Dolores, Colo.....
Knights Templar Gold Mg. Co., Spokane, Wash. .....
Knopf, Andrew & Wm., Wells, Nev.....
Knopiel, C., Michigan Bluff, Cal.....
Knopp, F., Chinese Camp, Cal.....
Knott, Noel & Noel, Malone, N. Mex.....
Know Gold Mg. Co., Novelty, Cal.....
Knowles, Jno. T., Gardiner, Mont.....
Knowlton, W. T., La Garita, Colo.....
Knox, O. M., Murphy, Ore.....
Knot & Ward, Baker City, Ore.....
Knudson, H., Orleans, Cal.....
Koch, A., Diamond Springs, Cal.....
Koch, B. H., Black Hawk, Colo.....
Koffler, Frank, Butte Valley, Cal.....
Kohinoor Mining Co., Dumont, Colo.....
Kohinoor & Donaldson Mining Co., Idaho Springs, Colo. .....
Kohl, H. F., Oak Bar, Cal.....
Kootenai Hyd. Mg. Co., Nelson, B. C.....
Kootenai M. & S. Co., Kootenai, Idaho....
Kootenay Bonanza Mg. Co., Nelson, B. C..
Kootenay Gold, Silver & Copper Mining Co., Vancouver, B. C. .....
Kootenay Hyd. Mg .Co., New York.....
Kootenay Mine & Smelting Co., Ltd., Jersey City, N. J. .....
Kootenay Mining & Development Co., Ainsworth, B. C. .....
Kootenay Mg. Inv. Co., Toronto, Ont.....
Kootenay Mining & Smelting Co., Ltd., Pilot Bay, B. C. .....
Kootenay No. 1 Mg. Co., Kootenay, B. C...
Kootenay Smelting & Trading Syndicate, Winnipeg, Man. .....
Kootenay & Columbia Pros. & Mining Co., Ottawa, Ont. .....
Koppes, J. F., Silver City, Utah.....
Korn, J. P., Tin Cup, Colo.....
Korner, G. L., Mercur, Utah.....
Korupkat, Ed., Glenwood Spgs., Colo.....
Kosser G. Mg. Co., Gila Bend, Ariz.....
Kragnazi, Roco, Hamilton, Nev.....
Krippner, Hoopes & Stands, Chico, Mont..
Kroupa, R. J., Springville, Utah.....
Kruse, Louis, Chloride, N. Mex.....
Kruse & Beeson, Chloride, N. Mex.....
Krusen & Lumsden, Lake City, Colo.....
Kuhn, R. D., Cherry, Ariz.....
Kuman, C. T. & Co., Fayetteville, Ark...
Kunkel Bros., Crestone, Colo.....
Labb, Geo., Silver King, Ariz.....
Lachance, L. E. P., Greenwood, Cal.....
Lachner, J., Baker City, Ore.....
Lackie, W. H., Galen, Mont.....
Ladessa Gold M. & M. Co., Colorado Springs, Colo. .....
Lacy, Geo., Mariposa, Cal.....
Lady Franklin Mining Co., Silver Cliff, Colo. .....
Lady Godiva Mg. Co., White Oaks, N. Mex.
Lady Murphy Mg. Co., St. Elmo, Colo.....
Lady Washington Con. Mining Co., San Francisco, Cal. .....
Laflesh, T. J., Glide, Ore.....
La Grange Ditch & Hydraulic Mining Co., San Francisco, Cal. .....
La Grange Hyd. Mg. Co., San F., Cal ...
Laidy & Limbeck, Baker City, Ore.....
Lain Bros., Hamburg, Cal.....
Laine, S. A., Grizzly Flats, Cal.....
Laird, J. W., Hesperus, Colo.....
Laity, Jas., Belmont, Nev.....
La Junta Mg. Co., Telluride, Colo.....
Lake Angeline Mg. Co., Ishpeming, Mich..
Lake Lode Gold Mg. Co., Cariboo, N. S....
Lakeman, J. M., Grass Valley, Cal.....
Lake Mtn. Mg. Co., Sitka, Alaska.....
Lake Shore G. Mg. Co., Colo. Spgs., Colo..
Lake Valley S. Mg. Co., Philadelphia, Pa..
Lake View Con G. & S. Mg. Co., Dillon, Mont. .....
Lake View G. Mg. Co., Lundy, Cal..... ..
Lake View Mg. Co., Deer Lodge, Mont.....
Lake View Mining Co., Reno, Nev.....
Lake View Mg. Co., Waverly, N. S.....
Lamarque Mg. Co., Grass Valley, Cal...
Lamb, Henry, Kellogg, Idaho.....
Lamb, Wesley, Tenmile, Ore.....
Lamb, W. E., Oakland, Cal.....
Lamb & Mather, Washington Bar, Mont...
Lambert, H. L., Oreana, Idaho.....
Lambert, J. H., Grand View, Idaho.....
Lamberton, A. H., Prairie City, Ore.....
Lambly & Edwards, Osoyoos, B. C.....
Lamborn, L. L., Grizzly Flats, Cal.....
Lamby & Nicholson, Boundary Cr'k, B. C..
La Mira Mining Co., Denver, Colo.....
Lamont, Jas., Mt. Pleasant, Utah.....
Lamoureux, Israel, Fort Saskatchewan, N. W. T. .....
La Munyon, J. W., Dumont, Colo.....
Lampanos M. & M. Co., New York.....
Lanark Consolidated Mining & Smelting Co., Victoria, B. C. .....
Lance, G. W., & Sons, Gold Hill, Ore.....
Landes, C. T., Buena Vista, Colo.....
Landowner Con Mg. Co., Missoula, Mont..
Lane, Chas., Eureka, Nev.....
Lane, Chas. D., San Francisco, Cal.....
Lane, Geo., Twin Lakes, Colo.....
Lane, Jerry, Happy Camp, Cal.....
Lane, Tom, Kernville, Cal.....
Laney, A. A., Monroe, N. C.....
Lang, C. T., Fayetteville, Ark.....
Lang, J. B., Goldgulch, Cal.....
Lang, W. H., Fayetteville, Ark.....
Lang & Crawford, Scott Bar, Cal.....
Lange, H., Oak Bar, Cal.....
Lange, Nelson, Barkhouse, Cal.....
Lange & Zollicoffer, Oak Bar, Cal.....
Langfield, Oliver, Copley, Cal.....
Lanier, J. B., Salisbury, N. C.....
Lanoix, L., Belleville, Nev.....
Lapar Mining Co., Yuma, Ariz.....
La Paz Mg. Co., San Luis Potosi, Mex...
La Plata Mining Co., Leadville, Colo.....
La Plata Mg. Co., Oro City, Colo.....
Laponta Con. G. Mg. Co., Hawthorne, Nev.
Laramie River M. & M. Co., Laramie, Wyo. .....
Larios y Cia. of Sayula, Talpalpa, Mex....
Larson, C. L., Hillsboro, N. Mex.....
Larson, John, Placerville, Idaho.....
Lartigue, N. A., Dumont, Colo.....
Laske, Paul, Skull Valley Ariz.....
Laskey, J., San Francisco, Cal.....
Last Chance G. M. Co., Fort Jones, Cal..
Last Chance Mg. Co., Bingham Canyon, Utah. .....
Last Chance Mining Co., Boundary Falls, B. C. .....
Last Chance Mg. Co., Canyonville, Ore...
Last Chance Mg. Co., Cooney, N. Mex....
Last Chance Mg. Co., Cornucopia, Ore.....
Last Chance Mg. Co., Denver, Colo.....
Last Chance Mg. Co., Martina, Mont.....
Last Chance Mg. Co., Spokane, Wash.....
Last Chance Placer, Juneau, Alaska.....
Last Resort G. Mg. Co., Gillett, Colo.....
Las Vegas & Kingston Mining & Improvement Co., Las Vegas, N. Mex.....
Laswell, A. J., Daggett, Cal.....
Late Acquisition Mg. Co., Aspen, Colo.....
Lathrop, W. P., Pendleton, Ore.....
Latourette, Lawton & Tirre, Diamond Springs, Cal. .....
Laughlin, I., Shoup, Idaho.....
Laura Hyd. Co., Kettle River, B. C.....
Laurium Mg. Co., Breckenridge, Colo.....
Lavelle, Jas., Milford, Utah.....
Lavallee, F. X., Ophir, Cal.....
Lavallee, Marens, Three Rivers, Cal.....
Lavallee & Ferguson, Ophir, Cal.....
Lawler G. Mining Co., Albany, Ore.....
Lawler, Thos., Henley, Cal.....
Lawrence, A. J., Baker City, Ore.....
Lawrence, A. T., Salt Lake City, Utah....
Lawrence, B. M., Ivanpah, Cal.....
Lawrence, E. Mg. Co., Colo. Spgs., Colo..
Lawrence, Est., Baker City, Ore.....
Lawrence, Hazlett & Co., Leadville, Colo..
Lawrence, J. S., Gunnison, Colo.....
Lawrence, J. W., Silver Cliff, Colo.....
Lawrence, L. S., Ivanpah, Cal.....
Lawrence, Levy & Melton, Grizzly Flat, Cal. .....
Lawrence M. & M. Co., Canon City, Colo..
Lawrence, W. J., Newcastle, Cal.....
Lawrence & Co., Grizzly Flats, Cal.....
Lawson, Jas., North Fork, Cal.....
Layton, John T., Applegate, Ore.....
Leach & Storff, White Rock, Nev.....
Leadville Con. Mg. Co., New York.....
Leadville Ltd. Mg. Co., Denver, Colo...
Leadville Mining & Leasing Co., Leadville, Colo. .....
Leaterman, A. G., Butte Valley, Cal.....
Leavitt, A. E., Quincy, Cal.....
Leavy, Chas. M., San Francisco, Cal.....
Lebeau, Henry, Downeyville, Nev.....
Lechman & Co., Columbia, Cal.....
Ledyard G. Mines Co., Toronto, Ont.....
Lee Basin Mg. Co., Leadville, Colo..... .
Lee, C. H., Butte Valley, Cal.....
Lee, C. N., Glenwood Springs, Colo.....
Lee, Geo., Hornbrook, Cal.....
Lee Moy Co., Gottville, Cal.....
Lee, Robt. E., Mg. Co., Rossland, B. C....
Lee, Samuel F., Tooele, Utah.....
Lee, S. L., Carson City, Nev.....
Lee Yot & Co., Seiad Valley, Cal.....
Lee & Munroe, Granite, Ore.....
Lee & Wolf, Greenwood, Cal.....
Leechman Pros. Co., San Francisco, Cal..
Leeper, G. W., Inskip, Cal.....
Leeper & Cory, Inskip, Cal.....
Leeson, R. E., Socorro, N. Mex.....
Leferty, J., Browns Valley, Cal.....
Lefron, E., Boundary Creek, B. C.....
Legal Tender S. Mg. Co., Missoula, Mont..
Leggat, J. Benton, Butte, Mont.....
Leggat, Jno. A., Butte, Mont.....
Leguizanio Gonzalo Estrada y Cia., Tasco, Mex. .....
Leins, J., Oro Fino, Cal.....
Leiter & Co., Sheridan, Mont.....
Leland, G. A., Jamestown, Cal.....
Lemhi Gold Mg. Co., Gibbonsville, Idaho..
Lemhi M. & M. Co., Salmon City, Idaho..
Lemhi Placer Gold Mining Co., Salmon City, Idaho. .....
Lemhi Placer Mining Co., Colorado Springs, Colo. .....
Leming, J. P., Rollinsville, Colo.....
Lemon, D. M., North Fork, Cal.....
Lemons & Co., Eagle, Colo.....
Lemos, Midas, Nev.....
Lena G. M. & M. Co., Colo. Spgs., Colo...
Lendrino, I. J. & Co., Ainsworth, B. C....
Lengham, F. R., Belmont, Ont.....
Lenox Mining Co., Livingston, Mont.....
Leo M. & M. Co., St. Louis, Mo.....
Leonard, M., Willow Creek, Nev.....
Leonard, W., Oak Bar, Cal.....
Leonard & Baisly, Huntington, Ore.....
Lepley, Frank, De Lamar, Idaho.....
Le Roi Mg. & Smelt. Co., Spokane, Wash.
Leschinski, A. C. R., Palmetto, Nev.....
Leslie E. Keeley Mining Co., Colorado Springs, Colo. .....
Lessing, Louis, Minersville, Utah.....
Lester Mining Co., Signal, Ariz.....
Letelian, Benj., Radersburg, Mont.....
Levens, B. W., Baker City, Ore.....
Levens, D. A., Canyonville, Ore.....
Levens & Angell, Baker City, Ore.....
Levens & Co., Baker City, Ore.....
Levier, Paul, Legrande, Ore.....
Levy, S. W., San Francisco, Cal..... ...
Levy & Butler, Washington Bar, Mont.....
Levy & Peel, Washington Bar, Mont.....
Levy & Remington, Washington Bar, Mont. .....
Lew, Mrs. J., Baker City, Ore.....
Lew, Sam, Baker City, Ore.....
Lew, S. & Co., Baker City, Ore.....
Lewis, B. T. M., Pollasky, Cal.....
Lewis, Frank, & Co., Armington, Mont..

GOLD AND SILVER—Continued.

Lewis, J. G., Estate, Sparta, Ore.....
Lewis, L. J., Magalia, Cal.....
Lewis, Oscar P., Beaver Mine, Ont.....
Lewis, S., Adin, Cal.....
Lewis, Shepard, Magdalena, N. Mex.....
Lewis & Doran, Hermosa, N. Mex.....
Lewis & Keenan, Dedrick, Cal.....
Lewis & McCormick, Tin Cup, Colo.....
Lewiston Hill Placer Mine, Lewiston, Cal..
Lewman & Brown, Lake City, Colo.....
Lexington Con. Mg. Co., Neihart, Mont...
Lexington Mining Co., Butte, Mont.....
Lexington Mg. Co., Idaho Spgs., Colo.....
Lexington Mg. Co., Salt Lake City, Utah..
Leyser, Simon, San Marcial, N. Mex.....
Liberty Hill Water & Mining Co., Lowell Hill, Cal. .....
Libuto, Baca, Juan Tafoya, N. Mex.....
Light, Geo., Nederland, Colo.....
Lightning Ck. G. Gravels & Drainage Co., Ltd., Vancouver, B. C.....
Lila Mining Co., Deadwood, Cal.....
Lilian Antioch Mg. Co., Oro City, Colo.....
Lilian Mining Co., Leadville, Colo.....
Lillia Davis Mining Co., Rico, Colo.....
Lillie G. Mg. Co., Colorado Spgs., Colo....
Lillie Gold Mining Co., O'Neals, Cal.....
Lillie Mining Co., Tomichi, Colo.....
Lillooet, Fraser River & Cariboo Gold Fields Mining Co., Lillooet, B. C.....
Lillooet Hydraulic Mining Co., New Westminster, B. C. .....
Lily of the Valley Mining Co., Port Arthur, Ont. .....
Lin Gin, Herling, Ore.....
Linard, Patrick, Peavine, Nev.....
Linck, H., Greenwood, Cal.....
Lincoln Boy Mg. & T. Co., Denver, Colo..
Lincoln, J. A., Fort Jones, Cal.....
Lincoln Mining Co., Gillett, Colo.....
Lindauer, S., Deming, N. Mex.....
Linden G. Mg. Co., Placerville, Cal.....
Linderman, Dell., San Francisco, Cal.....
Lindsay, Joe, Palisade, Nev.....
Lindsay & Dobbs, Skelton, Nev.....
Lindsey, R. S., Oro Fino, Cal.....
Linge, J. H., Berry, Idaho.....
Lingo, J., Goldgulch, Cal.....
Link, J. M., Como, Colo.....
Linn, J., Malheur, Ore.....
Linsley, C. W., Red Cliff, Colo.....
Lion Hill Mg. Co., Salt Lake City, Utah..
Lion Mining Co., Deer Lodge, Mont.....
Lion Mining Co., Ophir, Utah.....
Lion Oil & Asphalt Co., Hueneme, Cal.....
Liston, W. A., Panacu, Nev.....
Littig, T. B., Malheur, Ore.....
Little Alice G. Mg. Co., Cripple Cr'k, Colo.
Little Amador Mg. Co., Amador City, Cal.
Little Anaconda Mg. Co., Missoula, Mont..
Little Annie Mining Co., Aspen, Colo.....
Little Chief Mining Co., Leadville, Colo..
Little Corporal Mining Co., Breckenridge, Colo. .....
Little Earl Gold Mining Co., Colorado Springs, Colo. .....
Little, Elliott, Morrisville, Va.....
Little Emily M. & M. Co., Chicago, Ill...
Little Fanny Mining Co., Cooney, N. Mex..
Little Howard Mining Co., Empire, Colo..
Little Jamison G. Mg. Co., Johnsville, Cal.
Little Jim G. & S. M. & M. Co., Peabody, Kan. .....
Little Joan M. & M. Co., Colo. Spgs., Colo.
Little Kenshaw Mining Co., Con Cow, Cal.
Little Kid Gold Mining Co., Washington Bar, Mont. .....
Little Kittie Mg. Co., Lake City, Colo.....
Little Lottie Mining Co., Aspen, Colo.....
Little Maggie Mining Co., Rico, Colo.....
Little Maid M. & M. Co., Denver, Colo.....
Little Maud Mg. Co., Colorado Spgs., Colo.
Little Nell Mg. Co., Lump Gulch, Mont..
Little Nellie Mining Co., Shasta, Cal.....
Little Pitts Mg. Co., Salt Lake City, Utah.
Little Pittsburg Mg. Co., Leadville, Colo..
Little Tycoon Mg. Co., Burlington, Iowa..
Little, Wm., Clayton, Idaho.....
Little Winnie Mining Co., Leadville, Colo.
Livengood, Jas. N., Needleton, Colo.....
Livengood, W., Rockwood, Colo.....
Live Oak G. Mg. Co., Forest Hill, Cal.....
Live Yankee Gravel Mg. Co., Chicago, Ill..
Livingston, A., Carson City, Nev.....
Lloyd, C. F., Georgetown, Cal.....
Lloyd, Edw., Letcher, Cal.....
Lloyd, J. L., Caribou, Colo.....
Load Gold Mines, Cleveland, Ga.....
Loaeza, Josefa, Tejomulco, Mex.....
Lock & Holmes, Huntington, Ore.....
Lockhardt, C. A., San Francisco, Cal.....
Lodi Mining Co., Salem, Ore.....
Loe, Wm., Hornbrook, Cal.....
Loe, Wm. & Co, Yreka, Cal.....
Logan, H. R., Empire City, Nev.....
Logan Mining Co., Rico, Colo.....
Loggin, I., Alma, N. Mex.....
Lohnes, Miller & Osborn, Telluride, Colo..
Lo Lo Chickamain Mg. Co., Lo Lo, Mont.
Lone Jack G. Mg. Co., Garden Valley, Cal.
Lone Mtn. Mg. Co., Silver City, N. Mex..
Lone Star Co., Fort Lemhi, Idaho.....
Lone Star G. Mg. Co., Denver, Colo.....
Lone Star Mining Co., Santa Fe, N. Mex..
Lone Star Mining Co., Tacoma, Wash.....
Lone Willow Mining Co., Ouray, Colo.....
Long Creek Co., Richmond, Va.....
Long Gulch Mg. Co., Gold Hill, Colo.....
Long, John, Canyon City, Ore.....
Long, J. M., Wardner, Idaho.....
Long Lead Mining Co., Colorado Springs, Colo. .....
Long Lead Mining & T. Co., Colorado Springs, Colo. .....
Long, Wm., Brindletown, N. C.....
Longfellow, D., Groveland, Cal.....
Longfellow, D. F., Big Oak Flat, Cal.....
Longmaid Bros., Marysville, Mont.....
Longmaid, J. & H., Bourne, Ore.....
Longs Peak M. & M. Co., Longmont, Colo.
Longshore & Levett, Wardner, Idaho.....
Longway, J., Malheur, Ore.....
Loomis & Falkoner, O'Neals, Cal.....
Loomis & Stone, Bearmouth, Mont.....
Looney, W. W., McEwen, Ore.....
Lorain G. Mg. Co., Colo. Spgs., Colo.....
Lorane & Gilbert, Mill City, Nev.....
Lord, C., Orleans, Cal.....
Lord, Wm., Orleans, Cal.....
Loretta G. & S. Mg. Co., Milwaukee, Wis
Loretta Mining Co., Barker, Mont.....
Loris, Gold Mg. Co., Pasadena, Cal.....
Loss, Henry, Salmon Falls, Idaho.....
Lost Confidence Mining Co., Shasta, Cal...
Lothrop, Jas. E., San Francisco, Cal.....
Lottie Gibson M. & M. Co., Colorado Springs, Colo. .....
Lou, Jim, McDermitt, Nev.....
Lou, P. K., Mg. Co., Denver, Colo.....
Louderbaugh, A. R., Alma, N. Mex.....
Lovejoy & Co., Ruby, Wash.....
Lovell & Williams, Schellbourne, Nev.....
Lovless, Chas., Nederland, Colo.....
Low, Leonard, White Cross, Colo.....
Low, W., Henley, Cal.....
Lowden, J. S., Hamburg, Cal.....
Lowe, H. P., Idaho Springs, Colo.....
Lowe, John T., Science Hill, N. C.....
Lucas, Joshua, Tybo, Nev.....
Lucas, W., & Flaherty, Granite, Ore.....
Luce, J. V., Niantic, Conn.....
Lucille Gold Mg. Co., Plymouth, Cal.....
Lucile G. & S. Mg. Co., Lead, S. D.....
Luckhardt, C. A. & Co., San F., Cal.....
Lucky Boy Gold Mining Co., Salt Lake City, Utah.....
Lucky Boy Mining Co., Pine, Ore.....
Lucky Boy Mg. Co., Salt Lake City, Utah..
Lucky Chance M. & M. Co., Sitka, Alaska.
Lucky Dog Gravel Mine, Forest City, Cal.
Lucky Gold Mine Co., S. L. City, Utah....
Lucky Strike Mining Co., Nimshew, Cal..
Lucky S. G. Mg. Co., Taylorsville, Cal...
Luella B. G. Mining Co., Denver, Colo...
Lumbermans Mining Co., Stillwater, Minn.
Lumisden, J. G., Nacooche, Ga.....
Lumley, David & Co., Idaho Spgs., Colo...
Luna, Manuel G. y., Hidalgo del Parral, Mex. .....
Lund, Gus, McCulloch Creek, B. C.....
Lunt Bros. & Co., Cedar City, Utah.....
Lunt, E. R., Yankee Hill, Cal.....
Lusero, Caemiro, Juan Tafoya, N. Mex.....
Lyford, Y., Luning, Nev.....
Lyle, W. S., San Francisco, Cal.....
Lynch, Dan, Darwin, Cal.....
Lynch, James, Boundary Creek, B. C.....
Lynch & Dennis, Kingman, Ariz.....
Lynch & Harrison, Thompson, Mont.....
Lynch & Pewer, Bourne, Ore.....
Lyndhurst Mining Co., Long Point, Ont...
Lynx C'k G. & Land Co., Prescott, Ariz...
Lynx C'k Hyd. Mines, Prescott, Ariz.....
Lyon, J. L., Oakland, Cal.....
Lyon, Richard, Cherry, Ariz.....
Lyon, T. B., San Bernardino, Cal.....
Lyons G. Gravel Mg. Co., Placerville, Cal.
Lytle, G., Magnolia, Colo.....
McAfee, Missamore & Poor, Grizzly Flats, Cal. .....
McAfee & Kelley, Ophir, Utah.....
McAllen, Dennis, Hamilton, Nev.....
McAllister & Richter, Meadow C'k, Mont.
McAuley G. M. & M. Co., Gardiner, Mont..
McAuley, Robt., Atlantic City, Wyo.....
McAuliff, Thos., Tin Cup, Colo.....
McBride, C. A., Hayden Hill, Cal.....
McBride & Powers, Fairview, B. C.....
McCabe, F., Agua Fria Valley, Ariz.....
McCabe, Jas., Whites, Mont.....
McCaffery, Jno. M., Silver King, Ariz.....
McCall, J. W., Nevada City, Cal.....
McCall, Thos., Michigan Bluff, Cal.....
McCann, Miss Rose, Hornitos, Cal.....
McCann, R. E., Frazeysburg, Ohio.....
McCann, Wm., Belmont, Nev.....
McCarren, L. M., Boundary Creek, B. C..
McCarthy, G. W., Baker City, Ore.....
McCarthy, Jas., Alma, N. Mex.....
McCarthy & Ryan, Weatherby, Ore.....
McCartney, B., San Isabel, Colo.....
McCarty, J., Big Pine, Cal.....
McCauley, A. C., Hurleton, Cal.....
McCauley, Jas., Tomichi, Colo.....
McCauley & Son, Scotts Bar, Cal.....
McChrystal, J. & J. H., Eureka, Utah....
McClean, J. M., Grizzly Flats, Cal.....
McCleary & Martin, Murphy, Cal.....
McClellan, D., Goldgulch, Cal.....
McClellan & Melvin, Goldgulch, Cal.....
McClelland & Co., Baker City, Ore.....
McClure, J., Linear, S. D.....
McCord, G. W., Prairie City, Ore.....
McCorkle, A. J., Jamestown, Colo.....
McCormick, E., Forest City, Cal.....
McCormick, Jno., Gunnison, Colo.....
McCormick, W. & Co., Boundary Creek, B. C. .....
McCormick & Johnson, Maple Island, Ont.
McCowen, D., Organ, N. Mex.....
McCoy, G. W., Ketchum, Idaho.....
McCoy, J. C., Cripple Creek, Colo.....
McCrary, Robt., Hamburg, Cal.....
McCrey, R., Hamburg, Cal.....
McCue, E. M. & Co., Folsom, Cal.....
McCune, A. W., Salt Lake City, Utah.....
McCune & Co., Ainsworth, B. C.....
McCulloch Creek Tunnel Co., McCulloch Creek, B. C. .....
McCullock & Stevens, Hill City, S. D.....
McCullough, D., Sumpter, Ore.....
McCullough, Jas., Clayton, Idaho.....
McCullough, L. J., Socorro, N. Mex.....
McCullough, Robt., Deeth, Nev.....
McCullough & Hilton, Michigan Bar, Cal.
McDaniel, W. E., Cooks, N. Mex.....
McDermott, P. H., Carlisle, N. Mex.....
McDermott, Wm., Butte, Mont.....
McDonald, J., Magalia, Cal.....
McDonald, J. C., White River, Cal.....
McDonald, Jesse, Leadville, Colo.....
McDonald, Jno., Twin Lakes, Colo.....
McDonald, J. W., Fresno, Cal.....
McDonald, J. W., Mountain City, Nev.....
McDonald, M. J., San Francisco, Cal.....
McDonald, Thos., Milford Haven Bridge, N. S. .....
McDonell & Rowan, Silverton, Colo.....
McDonnell, J., Sentinel, Cal.....
McDonnell Mining Co., Deadwood, S. D...
McDonough, James, Tolo, Ore.....
McDougall, D. M., Fairview, B. C.....
McDowell & Co., Baker City, Ore.....
McEllin Co., Hamilton, Nev.....
McElwer, C. K., Redding, Cal.....
McEwan, Peter, Goderich, Ont.....
McEwen, Thos., McEwen, Ore.....
McFadden, James A., Custer, Idaho.....
McFadden, W. R., Panaca, Nev.....
McFarland, Wm., Eureka, Colo.....
McFarling, J., Calistoga, Cal.....
McGarry, M., Eureka, Nev.....
McGeary, F., Midas, Nev.....
McGee, E., Henley, Cal.....
McGee, Frank, Sanger, Ore.....
McGehie, L. C., Mansfield, Va.....
McGill & Standart Con. Quartz Mines, Greenville, Cal. .....
McGinnis, J. R., Mountain City, Nev.....
McGlurchy, Jos., Calico, Cal.....
McGowan, H. A., Chloride, N. Mex.....
McGraw, J., Henley, Cal.....
McGraw Bros., Hornbrook, Cal.....
McGregor & Co., Bridgeport, Ore.....
McGuff, G., Scotts Bar, Cal.....
McGuffey, Henry, Haworth, Colo.....
McGuire & Biggs Placer Mine Co., Grass Valley, Cal. .....
McIntyre, Clute & Co., Redlands, Cal....
McIntyre, D., Greenville, Cal.....
McIntyre, F. B. & Co., Mineral Pt., Colo..

McKallop Bros., Fort Lemhi, Idaho.....
McKaskle, H. C., Helena, Mont.....
McKay, Jos., Baker City, Ore.....
McKay, Pete, Hailey, Wyo.....
McKay, Wynn & Co., Baker City, Ore.....
McKay & Stuter, Amalie, Cal.....
McKeig & Morgan, Melrose, Mont.....
McKelland S. Mg. Co., Ft. William, Ont..
McKelvy, J. & Co., Washington Harbor, Wash.....
McKelvy, Victor, Fort Halleck, Nev.....
McKenna, Jas., Lake Valley, N. Mex.....
McKenna, Hastings & Co., Columbia, Cal.
McKenna & Kanig, Columbia, Cal.....
McKenzie, J. A., Darwin, Cal.....
McKenzie, K. R., Willow Creek, Nev.....
McKenzie, W. F., Lundy, Cal.....
McKenzie & Rhule, O'Neals, Cal.....
McKillian, D. R., North Bloomfield, Cal...
McKinney, E., Magalia, Cal.....
McKinney, M., Lewiston, Cal.....
McKinney, Mary, Mining Co., Barry, Colo.
McKinley Mg. Co., Colorado Spgs., Colo..
McLain, J. M., Grizzly Flats, Cal.....
McLane, Dr. R. A., Sacramento, Cal.....
McLaren, D., Boundary Creek, B. C.....
McLaughlin, A. A., Organ, N. Mex.....
McLaughlin, F., Oroville, Cal.....
McLaughlin, J., Silver City, Utah.....
McLaughlin, J. C., Big Oak Flat, Cal.....
McLaughlin, Jno., Coulterville, Cal.....
McLean, L., Fifteen Mile Stream, N. S..
McLean, W., Graniteville, Cal.....
McLeeman & Ray, Boundary Creek, B. C.
McLeod, Alex., Clayton, Idaho.....
McLeod, J., Belmont, Nev.....
McLeod, J. R., La Garita, Colo.....
McLeod, R., Malaga Gold Mines, N. S....
McLeod, W. D., Jackson, Alaska.....
McLeran, H., Goldgulch, Cal.....
McLernon, Wm., Juneau, Alaska.....
McLeron, R., Willow Creek, Nev.....
McMahon, J. E., Igo, Cal.....
McMahon, John, Rockville, Idaho.....
McMahon, J. W., Callahan, Cal.....
McMahon & Jennings, Columbia Hill, Cal..
McManus, C., Chinese Camp, Cal.....
McManus, Jas., You Bet, Cal.....
McMillan, F. & Co., Alberni, B. C.....
McMillan, Manson, Fairview, B. C.....
McMillan, N. A., Baker City, Ore.....
McMillan, W. W., Hurleton, Cal.....
McMullin, Jno., Butte Valley, Cal.....
McNair & Holt, Rocky Point, Cal.....
McNamara & Dowd, Benton, Cal.....
McNaughton Gold Mining Co., Seal Harbour, N. S. .....
McNaughton, Jno., Paonia, Colo.....
McNaughton, S. L., Candelaria, Nev.....
McNeal, E., Beckwith, Cal.....
McNeal, Geo., Forks of Salmon, Cal.....
McNeil, F. C., Peavine, Nev.....
McNeil, John, Osoyoos, B. C.....
McPherson, James, Rama, Ont.....
McPherson, W. D., Toronto, Ont.....
McPherson & Hilton, Columbia, Cal.....
McRae, Colin, Boundary Creek, B. C.....
McRae, Donald, Boundary Creek, B. C....
McSorley, J. J., Mokelumne Hill, Cal.....
McSouty, J. M., Big Pine, Cal.....
McTurk, J., Hailey, Wyo.....
McVeigh, Thos., Inskip, Cal.....
McWhorton, Sutton, Cherry, Ariz.....
Mabel Cons. Mg. Co., Downieville, Cal.....
Mabel K. G. Mg. Co., Denver, Colo.....
Mable, Geo. W., Central City, Colo.....
Mac, M. & M. Co., Helena, Mont.....
MacArthur, D., Wickes, Mont.....
Mac Cuistion, Carlisle, N. Mex.....
Mace, J., Haworth, Colo.....
Machado, Faustina, Inskip, Cal.....
Machin, T. M., San Francisco, Cal.....
Mack, Albert, Mining Co., Big Oak, Cal...
Mack, Jimmie, Mining Co., Tin Cup, Colo..
Mack, T. P., Dayton, Nev.....
Mackey, James, Cornucopia, Ore.....
Mackintosh, R., Salt Lake City, Utah.....
Macy & Ross, Miners Delight, Wyo.....
Madden Bros., Baker City, Ore.....
Madeline Con. M. & M. Co., New York....
Madison Mining Co., San Francisco, Cal...
Mad Mule Co., Stella, Cal.....
Madonna Mining Co., Monarch, Colo.....
Mad Ox Co., Stella, Cal.....
Madrone G. Mining Co., Novelty, Cal.....
Magalia Cons. Mg. Co., Oroville, Cal.....
Magard G. M. Co., French Gulch, Cal.....
Magdalena, la Vieja Negociacion de., Temascaltepec, Mex. .....
Magdalena Mg. Co., La. Zacatecas, Mex....
Magenta Con. G. Mg. Co., San F., Cal...
Maggie Mining Co., Deadwood, S. D.....
Maggie Reeves Gold Mining Co., Colorado Springs, Colo. .....
Magna Charta M. & M. Co., Colorado Springs, Colo. .....
Magna Charta S. Mg. & Tunnel Co., Cleveland, Ohio .....
Magnolia Mining Co., Lake City, Colo.....
Magnolia Mining Co., Pioche, Nev.....
Magnolia & St. L. Mg. Co., Barker, Mont..
Magoffey, Geo. & Co., Scott River, Cal.....
Magone, Ed., Race Track, Mont.....
Maguire, Don, Salt Lake City, Utah.....
Maguire, Frank, Belleville, Nev.....
Maguire, P., Mokelumne Hill, Cal.....
Maguire, Wm., Eagleville, Nev.....
Maguire & Knapp, Belleville, Nev.....
Mahala Mining Co., Leadville, Colo.....
Mahan, John, Salt Lake City, Utah.....
Mahon, J. F., Harney, Ore.....
Mahoney Mining Co., Sutter Creek, Cal....
Mahoney, Mrs. J., Sutter Creek, Cal.....
Mahoney & McCook, Baker City, Ore.....
Mahoney & Wallace, Douglas City, Cal..
Maid of Australia Mg. Co., Rico, Colo.....
Maid of Erin S. Mg. Co., Leadville, Colo...
Main Quesnelle Gold Dredg. & Mining Co., Ltd., Spokane, Wash. .....
Mains, Jno., Breckenridge, Colo.....
Maiz, Joaquin, Monterey, Mex.....
Maiz, J., Cerralvo, Mex.....
Makey, Jno., Dillon, Colo.....
Malaga Gold Mg. Co., Bridgewater, N. S..
Malaga Mg. Co., Malaga G. Mines, N. S...
Maley, J., Magalia, Cal.....
Malloch, H., Marysville, Cal.....
Mallory, Frank, Spokane, Wash.....
Malloy, R. A., Baker City, Ore.....
Malloy & Stoller, Baker City, Ore.....
Mammon G. Mg. Co., Colorado Spgs., Colo.
Mammoth Bar G. Mg. Co., Auburn, Cal...
Mammoth G. Mines, Ltd., Mammoth, Ariz.
Mammoth G. Mining Co., Philadelphia, Pa.
Mammoth Mg. Co., Council Bluffs, Iowa...
Mammoth Mg. Co., Salt Lake City, Utah..
Mammoth Mining Co., Spenceville, Cal....
Mammoth Spg. Mg. Co., Forest City, Cal..
Manchester G. Mg. Co., Colo. Spgs., Colo..
Mandeville, F. C., Butte Valley, Cal.....
Manerick Mg. Co., White Sul. Spgs., Mont.
Maney, J. & Co., Oriental, Nev.....
Mangatt, S. & Co., Fairview, B. C.....
Mangatt & Taylor, Boundary Creek, B. C.
Manhattan Con. Gold Mining Co., Cripple Creek, Colo.....
Manhattan Gold Co., Silver City, N. Mex..
Manhattan Gold Mg. Co., St. Louis, Mo...
Manhattan G. M. & M. Co., St. Louis, Mo..
Manhattan S. M. & M. Co., Manhattan, Colo. .....
Manion & Roach, Grass Valley, Cal.....
Manion & Wilson, Keystone, S. D.....
Manitou M. & M. Co., Colorado Spgs., Colo.
Manlove, J. E., Perkins, Cal.....
Mann, A. L., Socorro, N. Mex.....
Mann, Hugh, Caliente, Cal.....
Mann & Travillion, Baker City, Ore.....
Manney, F. H., Gold Hill, N. C.....
Manse Mining Co., Pahrump, Nev.....
Mansfield, M. & M., Mining Co., Dumont, Colo. .....
Manuel Samora, Jose, Juan Tafoya, N. Mex. .....
Manzanita Cons. Gravel Mining Co., Nevada City, Cal. .....
Manzanita G. Mg. Co., Sulphur Creek, Cal.
Manzanita Gravel Mg. Co., Nevada City, Cal. .....
Maplesden, W., Hamburg, Cal.....
Maplesden & Son, Hamburg, Cal.....
Mapleson, B. F., Hamburg, Cal.....
March & Selph, Sams Valley, Ore.....
Margras, C., Cerro Gordo, Cal.....
Marguerite Con. Mg. Co., Colo. Spgs., Colo.
Marguerite Mining Co., Sierra City, Cal...
Maria A. Gold Mining Co., Colorado Springs, Colo. .....
Maria Rica G. Mining Co., New York.....
Marie Mining Co., Phillipsburg, Mont....
Maring, N. & Son, Ophir, Cal.....
Marion Bullion Co., Harrisburg, Pa.....
Marion Gold Mg. Co., Colo. Spgs., Colo...
Marion G. Mg. Co., Salt Lake City, Utah..
Marion Improvement Co. of North Carolina, Harrisburg, Pa. .....
Mariposa Mg. & Com. Co., San F., Cal....
Mark Antony G. & S. Mg. Co., Marysville, Cal. .....
Markenson, A., Orleans, Cal.....
Markeson, E., Orleans, Cal.....
Markham, Leonard, Santa Cruz, Cal.....
Markle, Jos., Hildreth, Cal.....
Markley, Taylor, La Veta, Colo.....
Marks, Thomas, & Co., Port Arthur, Ont..
Marks & Billings, Roseburg, Ore.....
Marlatt, J. P., Clayton, Idaho.....
Marlow Mg. & Dev. Co., Forest Home, Cal.
Marmat, R., Rock Point, Ore.....
Marmora Mg. & Mill Co., Toronto, Ont...
Marques, Benedicto, Juan Tafoya, N. Mex..
Marques, Duedero, Juan Tafoya, N. Mex..
Marques, Estoliana, Juan Tafoya, N. Mex.
Marques, Juan Rey, Juan Tafoya, N. Mex.
Marques, Jesus, Juan Tafoya, N. Mex.....
Marquette S. Mining Co., Detroit, Mich...
Marrotte, Dr., Granite, Ore.....
Marsac Mining Co., Park City, Utah.....
Marsac M. & M. Co., Park City, Utah.....
Marshall G. & S. Mining Co., Reno, Nev...
Marshall, John, Lillooet, B. C.....
Marshall, T. W., Soulsbyville, Cal.....
Marshall, W. B., Michigan Bluff, Cal.....
Marson, T., Greenwood, Cal.....
Martha Washington Gravel Mining Co., Oakland, Cal. .....
Martha Washington Placer Mining Co., Jamestown, Cal. .....
Martin Bros., Nevada City, Cal.....
Martin, B. W., New Bridge, Ga.....
Martin, Geo., Canyon City, Ore.....
Martin, Hugh, Stofiel, Nev.....
Martin, H. F., Denver, Colo.....
Martin, I. M., Ashland, Ore.....
Martin, J., Magnolia, Colo... .....
Martin, Jno., Belmont, Nev.....
Martin, John, Cleveland, Ga.....
Martin, K. J., Sanger, Ore.....
Martin, Samuel, Martin, Idaho.....
Martin, Thos. H., Tin Cup, Colo.....
Martin, W. N., Oakland, Cal.....
Martin & Moores G. Mg. Co., Copley, Cal..
Martin & Needham, Nampa, Idaho.....
Martin & Walling, Coulterville, Cal.....
Martin White Mining Co., San F., Cal.....
Martiner, Secundino, Juan Tafoya, N. Mex.
Martinez, V. Bonifacio, San Geronimo Tabiche, Mex. .....
Martinez, B. V., San Juan, Mex.....
Martinez, M., Kingman, Ariz.....
Mary Agnes Con. P. M. Co., Sumpter, Ore.
Mary Frederica Mine, Newhall, Cal.....
Maryland Gold Mining Quartz Co., Grass Valley, Cal. .....
Maryland Mining Co., Washington, Cal ..
Mary Lundy G. Mining Co., Lundy, Cal..
Mary Maitland G. Mg. Co., Eaton, Colo..
Mary Murphy Mg. Co., St. Elmo, Colo...
Mary Stuart Mg. & Dev. Co., Helena, Mont.
Marysville Mining Co., Helena, Mont.....
Marysville Tunnel & Quartz Mining Co., Timbuctoo, Cal. .....
Mascotte Gold Mg. Co., Denver, Colo....
Mascotte Mining Co., Monarch, Colo.....
Mascott Mining Co., Woodland, Cal.....
Mason, A. S., Quenemo, Kan.....
Mason, John D., Boulder, Colo.....
Mason, R. Z., Ward, Colo.....
Mason Mg. Develop. Co., Hoodsport, Wash.
Mason & Co., Stormont, N. S.....
Mason & Thayer, Douglas City, Cal.....
Mass. Hill Mining Co., San Francisco, Cal.
Massey, T. B., Tin Cup, Colo.....
Mast, C. L., Coulterville, Cal.....
Mast, P. P., Springfield, Ohio.....
Matchless Mining Co., Leadville, Colo....
Mather, R., Butte Valley, Cal.....
Matheson, Alex., Rat Portage, Ont.....
Mathews, J., Haworth, Colo.....
Matthews, J. D., Newcastle, Cal.....
Matthews, R. B., Malden, Mont.....
Mathewson, C. A., Hamilton, Nev.....
Mathewson, Jerome B., Hamilton, Nev...
Mathiason, P. B., St. Louis, Mo.....
Mathieson, Dr., Ogilby, Cal.....
Mathieson, P. P., Yuma, Ariz.....
Mathison, Wm., Dayton, Nev.....
Matilda Fletcher Mg. Co., Lawson, Colo..
Matlock, D., White Sulphur Spgs., Mont..
Matoa G. Mining Co., Council Bluffs, Iowa.
Matt France M. & M. Co., Colorado Springs, Colo. .....
Matters, Thos., Nederland, Colo.....
Mattley, E. C., Mono Lake, Cal.....
Maud Hyd. Mg. Co., Vancouver, B. C.....
Maud S. Mining Co., Cooney, N. Mex.....
Maul, Phil., Tybo, Nev.....
Maurer, Wm., Malden, Mont.....
Maxson & Patton, Spokane, Wash.....
May, J. B., Golden, N. Mex.....
May, W. M., Dolores, Colo.....
May-Day Mining Co., White Pine, Colo....
May & Edna Mining Co., Barker, Mont...

GOLD AND SILVER—Continued.

Maybank & Parsons, Graniteville, Cal.....
Mayer, T. S., Barry, Colo.....
Mayfield, J., White River, Cal.....
Mayfield, T. J., White River, Cal.....
Mayflower Gold Mg. Co., Auburn, Cal.....
Mayflower G. Mg. Co., Colo. Spgs., Colo..
Mayflower Grav. Mg. Co., Forest Hill, Cal.
Mayflower Mg. Co., Idaho Springs, Colo..
Mayflower Mg. Co., Nevada City, Cal.....
Mayford, T., Magalia, Cal.....
May-Maseppa Mining Co. (See May-Day Mining Co.).....
Mayo, Rumaldo, Juan Tafoya, N. Mex....
Mayors, Hy., Galena, S. D.....
Maysville M. & M. Co., Battle Mtn., Nev.
Meacham, G. W., Humboldt, Nev.....
Mead & Carmichael, Fairview, B. C.....
Meade, G. L., Columbia, Cal.....
Meadows, N., Butte Valley, Cal. .....
Meadows, P., Glenwood Springs, Colo.....
Mealey, O. F., Spring City, Nev.....
Means, J. H., Victor, Cal.....
Medlin, J. L., Daggett, Cal.....
Meek, E. E., Marysville, Cal.....
Meek, W. B., Camptonville, Cal.....
Meesbs, S. Mg. Co., Park City, Utah.....
Meggar, C. A., Derita, N. C.....
Mehan, Martin, Minnesota, Cal.....
Meijueiro, Pedro, Natividad, Mex.....
Meister, Fritz, Washington, Cal.....
Mellander Bros., Galena, Nev.....
Meller, Jno. & J. R., Black Hawk, Colo...
Meller, N. C., Ward, Colo.....
Mello & Elam, Goldgulch, Cal.....
Melrose, Pond & Wells, Glendale, Mont..
Melton G. Mining Co., Deadwood, Cal.....
Melton, J., Grizzly Flats, Cal.....
Melton, Jno., Deadwood, Cal.....
Memphis Mining Co., Ouray, Colo.....
Memphis P. & M. Co., Colo. Spgs., Colo..
Menary, W. H., Silver City, Utah.....
Mendenhall, A. J. & Co., Heflin, Ala.....
Mendota Mining Co., Telluride, Colo.....
Mendoza, de D. M. Testamentaria, Mexico, Mex. .....
Mennis, R. H., Ft. Saskatchewan, N. W. T.
Mento Mining Co., Grass Valley, Cal... ..
Mento Park Mg. Co., Ouray, Colo.....
Menzie, D. M., Gorman Sta., Cal.....
Merced Gold Mining Co., Butte, Mont.....
Merced G. Mg. Co., Coulterville, Cal.....
Mercur Gold M. & M. Co., S. L. City, Utah.
Merriam, Jos., Dobbins Ranch, Cal.....
Merrill, C. W., San Francisco, Cal.....
Merrill G. Mining Co., Butte, Mont.....
Merrill, J. B., Co., Edwardsville, Ala.....
Merrill-Miller Mg. Co., Helena, Mont....
Merrimac G. Mg. Co., Grass Valley, Cal..
Merrimac M. & M. Co., Grass Valley, Cal..
Merritt Mining Co., Socorro, N. Mex.....
Merritt, R. A., Spring City, Nev.....
Merritt, W. M., Perry S. D.....
Merten, P., Midas, Nev.....
Merry, A., Sudbury, Ont.....
Mesa Mining Co., Aspen, Colo.....
Messenger M. & M. Co., Creede, Colo....
Messer, Nat. F., San Francisco, Cal.....
Metallic Ext. Co., Denver, Colo.....
Metcalf, W. & Co., Nelson, Cal.....
Meteor Mining Co., Helena, Mont.....
Metzer, Jno. & Co., Coulterville, Cal.....
Metzger, Louis, San Francisco, Cal.....
Mexican G. & S. Mining Co., San F., Cal..
Mexican M. & M. Co., Douglas, Alaska....
Mexican Ore Co., Kansas City, Mo.....
Meyer, August, Bridgeport, Ore.....
Meyer, Louis, Howardsville, Colo.....
Meyering, Henry, Boulder, Colo.....
Meyers, C. N., Placerville, Cal.....
Meyett, Jno., Downeyville, Nev.....
Michigan Gold Mg. Co., Marquette, Mich..
Michigan Mining Co., Bellevue, Idaho.....
Michoacan, Gran Negociacion Minera de., Huetamo, Mex. .....
Mickel, Fain & Co., Sumpter, Ore.....
Midas G. Mg. Co., San Francisco, Cal.....
Middle C'k M. & M. Co., Sacramento, Cal.
Middlemeis, J. R., Salt Lake City, Utah...
Midland G. Mg. Co., Colorado Spgs., Colo..
Midland M. & M. Co., Gunison, Colo.....
Midland Mg. & Dev. Co., Rapid City, S. D.
Midnight Mining Co., Ouray, Colo.....
Midnight Mg. Co., Phillipsburg, Mont....
Midnight Mining Co., St. Louis, Mo.....
Midnight Mining & Dev. Co., Rapid City, S. D. .....
Miejueiro y Gral Guillermo, San Geronimo Tabiche, Mex. .....
Mikado Mining Co., Deadwood, S. D.....
Mikado Mg. Co., Helena, Mont.....
Mikado M. & S. Co., Leadville, Colo.....
Mild Brook Mg. & Red. Co., Ltd., Moncton, N. B.....
Milich, P., Forks of Salmon, Cal.....
Miles, P. H., Medical Springs, Ore.....
Millar, E. B., Acton, Cal.....
Millard, H. M., Belt, Mont.....
Mill Creek & Emigrant M. & S. Co., Livingston, Mont.....
Milleck, N., Bay Horse, Idaho.....
Miller, C., Baker City, Ore.....
Miller, C. R., Texada, B. C.....
Miller, C. S., Granite, Ore.....
Miller, D., Hahns Peak, Colo.....
Miller, E. C., Ravenna, Cal.....
Miller, E. W., Ft. Jones, Cal.....
Miller, G. W., Port Wine, Cal.....
Miller, J. G., Atchison, Kas.....
Miller, L. H., Pollasky, Cal.....
Miller, M., Placerville, Cal.....
Miller, Mg. & Tun. Co., Aspen, Colo.....
Miller, W. P., Redding, Cal.....
Miller & Glissan, Granite, Ore.....
Miller & Holmes, Jamestown, Cal.....
Miller & Holt, North Fork, Cal.....
Millersburg Mg. Co., Ouray, Colo.....
Millett, A. B., Belmont, Nev.....
Millgate, W., Sacramento, Cal.....
Millick, A. J., Osceola, Nev.....
Millmore, Wm., Sitka, Alaska.....
Mills, D. A., Red Cliff, Colo.....
Mills, Norman, Sugar Loaf, Colo.....
Mills & Co., Cornucopia, Ore.....
Mills & Stiles, Freeman, Cal.....
Milner, J. F., Benton, Cal.....
Milwaukee G. & S.Mg. C., Deadwood, S. D.
Milwaukee Mg. Co., Granite, Ore.....
Milwaukee Mg. Co., Wallace, Idaho.....
Milwaukee-Pacific Exp. & Mg. Co., Milwaukee, Wis .....
Milwaukee & Hillsboro Mg. Co., Milwaukee, Wis. .....
Mimbies Cons. Mg. Co., Georgetown, N. M.
Mina Con. M. & M. Co., Wickes, Mont....
Mina Placer Mg. Co., Bridge Crk., B. C...
Minas Prestas Mg. Co., New York.....
Mine Owners Trust, Ouray, Colo.....
Miner, J. T., Scott River, Cal.....
Mineral Chief, M. & M. Co., Sweetwater, Nev. .....
Mineral Creek G. Mg. Co., Nanaimo, B. C.
Mineral Farm Con. Mg. Co., Aspen, Colo..
Mineral Hill Mg. Co., Baltimore, Md.....
Mineral Hill Mg. Co., Portland, Ore.....
Mineral Hill Mg. & Inv. Co., San. F., Cal.
Mineral Mutual Smlt. Co., Weiser, Idaho.
Mineral Point Mg. Co., Abilene, Kas.....
Mineral Point Mg. & Lbr. Co., Stillwater, Minn. .....
Mineral Rock M. & M. Co., Denver, Colo..
Minerva Mg. & Mar. Co., Nanaimo, B. C..
Mining Inv. Co., Sierra City, Cal.....
Minna Mg. Co., Deadwood, S. D.....
Minnie Mg. Co., Leadville, Colo.....
Minneapolis Mg. Co., Malaga Gold Mines, N. S. .....
Minnesota Con. Mg. Co., Davenport, Iowa..
Minnesota Mg. Co., Copley, Cal.....
Minnesota Mg. Co., Monticello, Minn.....
Minnesota Mg. Co., Silver City, Ark.....
Minnesota S. Co., Ltd., New Denver, B. C.
Minnesota Valley G. & S. Mg. Co., Granite Falls, Minn. .....
Minnesota & L. Manitou G. & S. Co., Benson, Minn. .....
Ming Placer Mg. Co., Lillooet, B. C.....
Mingo, C. P., Hornet, N. C.....
Mint Co., Denver Colo.....
Mirable Qtz. Mg. Co., Middletown, Cal....
Misers' Dream Mg. Co., Hamilton, Nev...
Missoula & Last Chance Mg. Co., Spokane, Wash. .....
Missouri Placer Mg. Co., S. L. City, Utah.
Missouri Mg. Co., Cottonwood, Colo.....
Missouri Pac. Mg. Co., Denver, Colo.....
Mitchell, C., Boundary Creek, B. C.....
Mitchell, F., Tin Cup, Colo.....
Mitchell, Geo., Boulder, Colo.....
Mitchell, J. H., Granite, Ore.....
Mitchell, J. H., Newcastle, Cal.....
Mitchell, John J., Silver Cliff, Colo.....
Mitchell, J. P., Hillsboro, N. Mex.....
Mitchell, R., Malheur, Ore.....
Mitchell, Thos., Cloverdale, Nev.....
Mitchell, Wm., Michigan Bluff, Cal.....
Mocking Bird M. & M. Co., Cherry, Ariz..
Modoc Chief Mg. Co., S. L. City, Utah....
Modoc Con. Mines, Denver, Colo.....
Modoc Gold Mg. Co., Denver, Colo.....
Moffitt, J. R., Chinese Camp, Cal.....
Moffit M. & M. Co., Lead, S. D.....
Mohawk Bell Mg. Co., Denver, Colo.....
Mohawk G. Mg. Co., Colo. Spgs., Colo....
Mohawk Mg. Co., Tacoma, Wash.....
Mohawk Queen Mg Co., S. L. City, Utah..
Mohican G. Mg. Co., Colo. Spgs., Colo....
Mohr, C., Caliente, Cal.....
Mohr, G. A., Sawyers Bar, Cal.....
Moiers, J., Independence, Cal.....
Mokelumne & Campo Seco Canal & Mg. Co., Mokelumne Hill, Cal.....
Molin, A. T., Shasta, Cal... .....
Molina, Arnado, Juan Tafoya, N. M.....
Molina, Elias, Juan Tafoya, N. M.....
Molina, Jermin, Juan Tafoya, N. M.....
Molina, Jose Romola, Juan Tafoya, N. M..
Moll & Boeing, Fairview, B. C.....
Mollie Eppert M. & M. Co., Col. Sps., Colo.
Mollie Gibson Con. Mg. Co., Aspen, Colo..
Mollie Kathleen Mg. Co., Cripple Ck., Col.
Mollie Mg. Co., St. Elmo, Colo.....
Molyneaux, Elias, Mona, Utah.....
Monahan, W. B., Ophir, Cal.....
Monarch Con. G. & S. Mg. Co., Carson City, Nev. .....
Monarch G. M. & M. Co., Col. Spgs., Colo.
Monarch Mg. Co., Boundary Falls, B. C...
Monarch, Mg. Co., Deadwood, S. D.....
Monarch Mg. Co., Neihart, Mont.....
Monarch Mg. Co., Oakland, Cal.....
Monell, J. F., Sugar Loaf, Colo.....
Monitor G. Mg. Co., Norris, Mont.....
Monitor Mg. Co., Deadwood, S. D.....
Monitor & Eberhardt, Elx, Nev.....
Mono G. & S. Mg. Co., Pittsburg, Pa.....
Mono Lake Hyd. Mg. Co., Mill Ck., Cal....
Mono Mg. Co., Bodie, Cal.....
Monroe, A. W., White River, Cal.....
Monroe Land Imp. Co., Monroe, Wash....
Monroe Mg. Co., Lead, S. D.....
Montezuma G. M. & M. Co., Chicago.....
Montezuma M. & M. Co., Denver, Colo...
Montreal & Kootenay Mg. Co., Montreal, Que. .....
Monument Treasure M. & M. Co., Colorado Springs, Colo.....
Moody & Gayety, Gold Run, Cal.....
Moon Anchor Mg. Co., Colo. Spgs., Colo..
Mooney, T. R., Sitka, Alaska.....
Moore, A. N., Port Orford, Ore.....
Moore, D., Port Wine, Pa.....
Moore, D. J., Graniteville, Cal.....
Moore, J., Ft. Jones, Cal.....
Moore, Joe, Empire City, Nev.....
Moore, Joe, Magalia, Cal.....
Moore, S. C., Dunlap, Cal.....
Moore, Walter, Prairie City, Ore.....
Moore, W. B., Jackson, Cal.....
Moore & Claybourne, Grizzly Flats, Cal...
Moore & Davis, Dunlap, Cal.....
Moore & Morgan Mg. Co., San F., Cal....
Moorehead, D. R., Deadwood, Cal.....
Moorehead & Co., Michigan Bluff, Cal....
Moose Creek Placers, Clearwater, Idaho..
Moose G. Mg. Co., Colo. Spgs., Colo.....
Moose River G. Mg. Co., Moose Riv., N. S.
Mooseland G. Mg. Co., Mooseland, N. S..
Mora Mg. Co., Lake City, Colo.....
Morales, N. Mauricio, Taxco, Mex.
Moran, D. R., Bear Valley, Cal.....
Moran, Edw., Sweetwater, Nev.....
Moran, Hotter & Co., Rock Creek, B. C..
Moran, J. D. Mg. & Con. Co., St. Paul, Minn. .....
Moran, John, Rock Creek, B. C.....
Moran & Hammer, Boundary Creek, B. C.
Morasia, J., Belmont, Nev.....
Moratock Mg. Co., Albemarle, N. C.....
More, R. M., Riddles, Ore.....
More & Graham, Galen, Mont.....
Morel, Andre, Crisman, Colo.....
Moreley, P. T., St. Elmo, Colo.....
Morey, C. E., Dobbins, Cal.....
Morey, E. R., Grizzly Flats, Cal.....
Morgan, B. S., Fulford, Colo.....
Morgan, D., Fulford, Colo.....
Morgan G. Mg. Co., El Dorado, Cal.....
Morgan G. M. & M. Co., S. L. City, Utah..
Morgan, W. T., Magalia, Cal.....
Morgan Mg. Co., San Francisco, Cal.....
Morgans, M., Lake Valley, N. M.....
Morley, W. W., Oak Bar, Cal.....
Mormon Mg. Co., Organ, N. M.....
Morning Mine & Con. Co., Mullan, Idaho..
Morning Mg. Co., Milwaukee, Wis.....
Morning Star Con. Mg. Co., New York....
Morning Star G. Mg. Co., Auburn, Cal...
Morning Star Mg. Co., Battle Mtn., Nev..
Morning Star Mg. Co., Fairview, B. C....
Morning Star Mg. Co., Goldguich, Cal....
Montana Bis. M. & M. Co., Helena, Mont.

Montana G. Mg. Co., Absecon, N. J.....
Montana G. S. P. & T. Co., White Sulphur Springs, Mont.....
Montana G. & Gem. Exp. Co., Helena, Mont.....
Montana Hyd. Mg. Co., Helena, Mont....
Montana Mining, Land & I. Co., Bozeman, Mont.....
Montana Mg. Co., Bonanza City, Idaho....
Montana Mg. Co., Dillon, Mont.....
Montana Mg. Co., Red Bluff, Mont.....
Montana Mg. & Leasing Co., Centreville, Mont.....
Montana Ore Purchasing Co., Butte, Mont.
Montana Precipitation Co., Austin, Minn.
Montana Queen M. & M. Co., Candelaria, Nev.....
Montana & Idaho M. & R. Co., Toston, Mont.....
Montayo, E., San Antonio, N. M.....
Monte Cristo Develop. Co., Everett, Wash.
Monte Cristo G. & Cop. Mg. Co., Monte Cristo, Wash.....
Monte Cristo M. & M. Co., Salt Lake City, Utah .....
Monte Cristo Mg. Co., Mansford, Wash...
Monte Cristo Mg. Co., Sweetwater, Nev..
Monte Rico G. Mg. Co., Colo. Spgs., Colo..
Monteith Mg. Co., San F., Cal.....
Monterey Fundidora y Afinadora Cia Minera, Monterey, Mex. .....
Montevideo G. M. & M. Co., Colorado Springs, Colo.....
Montezuma Mg. Co., Bonanza, Idaho.....
Montezuma Mining Co., Denver, Colo.....
Montezuma S. Mg. Co., Detroit, Mich.....
Montgomery, A., Van Winkle, B. C.....
Montgomery Mg. Co., Pahrump, Nev.....
Montreal Hyd. G. Mg. Co., Vancouver, B.C.
Montreal & B. C. Pros. & P. Co., Vancouver, B. C.....
Monrrose, R. G., Lundy, Cal.....
Morongo King Mg. Co., San Bernardino, Cal. .....
Morongo M. & M. Co., Riverside, Cal.....
Morris, C. S., Rat Portage, Ont.....
Morris, J., Granite, Ore.....
Morris, J., Harney, Ore.....
Morris, Jesse, Eldorado, N. C.....
Morris, J. H., Hildreth, Cal.....
Morris, Hon. Jos., Marion, N. C.....
Morris, M. D., Berdan, Cal.....
Morris, W. J., Magalia, Cal.....
Morris, W. R., White River, Cal.....
Morris & Elling, Pony, Mont.....
Morrison Bros., Frisco, Utah.....
Morrison, Geo., Golden, N. M.....
Morrison, J., Magalia, Cal.....
Morrison, Jas., Columbus, Nev.....
Morrison, John, Oldham, N. S.....
Morrison, M. I., Kamloops, B. C.....
Morrison, R. G., Dumont, Colo.....
Morrison, R. T., Diamond Springs, Cal....
Morrison & Galt, Diamond Springs, Cal..
Morrison & Pearsons, Bonanza City, Idaho.
Morrow, Wm. G., San Francisco, Cal.....
Morse, A. C., Charlestown, Nev.....
Morse, A. M., Cottonwood Springs, Colo...
Morse, B., Radersburg, Mont.....
Morse, C. A., Buena Vista, Colo.....
Morse, C. & Co., Baker City, Ore.....
Morse Clifford & Hills, La Veta, Colo....
Morse, H. B., Bald Mountain, Colo.....
Morse, W. A., Downieville, Cal.....
Mortizer, F., Willow Creek, Nev.....
Mosier, S. S., Mokelumne Hill, Cal.....
Mount Ocho, Pine Grove, Nev.....
Mother Lode Mining Co., Mullan, Idaho...
Mouston Con. Mg. Co., Barker, Mont....
Moulton Mg. Co., Butte, Mont.....
Mound Rock G. Mg. Co., Colorado Spgs., Colo. .....
Mt. Baldy Mg. Co., Castle Gate, Utah.....
Mt. Beauty G. Mg. Co., Colo. Spgs., Colo..
Mt. Chapaca Mg. Co., Loomis, Wash.....
Mt. Diablo M. & M. Co., San F., Cal....
Mt. Father M. & M. Co., Colo. Spgs., Colo.
Mt. George Gold M., Nevada City, Cal....
Mt. George Mg. Co., Grass Valley, Cal....
Mt. Gleason M. & M. Co., Acton, Cal.....
Mt. Hood Con. Mg. Co., Spokane, Wash..
Mt. McGregor G. Mg. Co., Denver, Colo..
Mt. Moriah Qtz. Mg. Co., Downieville, Cal.
Mt. Pleasant G. Mg. Co., Grizzly Flats, Cal. .....
Mt. Pleasant Mg. Co., New York.....
Mt. Powell Mg. Co., Cleveland, Ohio.....
Mt. Prospect Tun. Co., Buena Vista, Colo.
Mt. Rosa Mg. M. & L. Co., Colorado Springs, Colo.....
Mt. Zion Mg. Co., Groveland, Cal.....
Mt. Wilson G. & S. Mining Co., Southport, Colo. .....
Mtn. Boy Mg. Co., Silver Cliff, Colo.....
Mtn. Chief M. & M. Co., Denver, Colo....
Mtn. Chief Silver Claim, Kaslo, B. C.....
Mtn. King Mg. Co., Challis, Idaho.....
Mtn. King Mg. Co., S. L. City, Utah.....
Mtn. Granite Mg. Co., White Sulphur Springs, Mont.....
Mtn. Gravel Tun. Mg. Co., San F., Cal....
Mtn. Lion M. & M. Co., Saguache, Colo....
Mtn. Mines, Ltd., Shasta, Cal.....
Mtn. Mg. Co., Redding, Cal.....
Mtn. View Mg. Co., Pine, Idaho.....
Mtn. View Mining Co., Rico, Colo.....
Mountaineer Gate G. Mg. Co., Auburn, Cal. .....
Mountaineer G. Mine, Nevada City, Cal...
Moxley, J., Edna, Cal.....
Moyle & Moyle, Vallecito, Cal.....
Mueller, R. W. V., Washington Gulch, Mont. .....
Muhley, T., North Fork, Cal.....
Muir Tun. Co., Michigan Bluff, Cal.....
Mule Gulch Mg. Co., Caleb, Ore.....
Mulkey, Wm., Baker City, Ore.....
Mullaney, E. F., McDermitt, Nev.....
Mullen, Jacob, Austin, Ore.....
Mullen, John, Cripple Creek, Colo.....
Mullen, McDonald & Jackson, Telluride, Colo. .....
Mullen, Wm. Auburn, Ore.....
Mullen & Evo, Auburn, Ore.....
Muller & Walling, Nevada City, Cal.....
Mullett & Co., Mercur, Utah.....
Mullin Littlefield Co., Auburn, Ore.....
Mullins, Fred, Nederland, Colo.....
Munds, Campbell & Olden, Cottonwood, Ariz. .....
Munn Bros., Rico, Colo.....
Munsee, E., Tecoma, Nev.....
Murphy, Jno., Eagleville, Nev.....
Murphy, Kyle & Newton, Granite Creek, B. C. .....
Murphy, M. A., Carson City, Nev.....
Murray Bros. M. & M. Co., Stemple, Mont.
Murray, Geo., Scott River, Cal.....
Murray, Jacob, Ono, Cal.....
Murray, James, Cripple Creek, Colo.....
Murray, J. J., Ono, Cal.....
Murray, R. Mg. Co., Glenwood Spgs., Colo.
Murray & Pearson, Sawyers Bar, Cal....
Musick, Ben, Crescent City, Cal.....
Muson, W. Q., Volcano, Cal.....
Musser & Co., Copley, Cal.....
Mutual Leasing & Mg. Co., Denver, Colo..
Mutual Mg. Co., Deadwood, S. D.....
Mutual M. & M. Co., Colo. Spgs., Colo....
Myers Bros., Tecoma, Nev.....
Myers, J. A., Sanger, Ore.....
Myers, H. C., Gold Hill, N. M.....
Myers, W. F., Hamburg, Cal.....
Myers & Co., Michigan Bluff, Cal.....
Myers & Smith, Sawyers Bar, Cal.....
Myerson & Alderson, Placerville, Cal.....
Myrtle Ck. Con. Hyd. G. Mg. & Mfg. Co., Eugene, Ore.....
Myrtle Creek C. & G. M. & M. Co., Myrtle Creek, Ore.....
Myrtle May Mg. Co., Deadwood, S. D....
Myrtle Mg. Co., Colo. Spgs., Colo.....
Nacoochee Hills G. Mg. Co., Nacoochee, Ga.
Nanaimo Alberni G. Mg. Co., Ltd., Nanaimo, B. C.....
Nanaimo Rossland G. Mg. Co., Nanaimo, B. C. .....
Nancy Mg. Co., Battle Mountain, Nev....
Napoleon G. Mg. Co., Colo. Spgs., Colo....
Napoles P. & Co., Sawyer's Bar, Cal.....
Napyas Mg. Co., San Francisco, Cal.....
Narrow Escape Co., McArthur Gulch, B. C.
Narrow Gauge Mg. Co., Silver City, Ark..
Nash, E., Alpine City, Utah.....
Nash, Harrison, San Isabel, Colo.....
Nash M. & M. Co., Salt Lake City, Utah...
Nash, W., Alpine City, Utah.....
Nash & Cartney, Moffat, Colo.....
Nash & Edgworth, White Pine, Colo.....
Natera Luis y Eugenio, El Rodeo, Mex....
National Belle Mg. Co., Red Mountain, Col.
National G. Mg. Co., Graniteville, Cal.....
National Mex. Mg. & Dev. Co., Milwaukee, Wis. .....
National Mg. Co., Graniteville, Cal.....
National Mg., Tun. & Land Co., Cripple Creek, Colo. .....
National Mg. & Dev. Co., Spokane, Wash.
Natoma Water and Mining Co., San Francisco, Cal.....
Navajo Mg. Co., San Francisco, Cal.....
Navajo Mg. Co., Tuscarora, Nev.....
Nave, J. C., Sawyer's Bar, Cal.....
Navea, Jno., Hamilton, Nev.....
Naylor, E. G., Georgetown, Colo.....
Neal, Jno. & Co., Sonora, Cal.....
Neals, Jno., Sonora, Cal.....
Neary, Jno., Rockwood, Colo.....
Neath Mg. Co., Empire, Colo.....
Nebraska G. M. & M. Co., Dumont, Colo..
Neeley, F. T., Rico, Colo.....
Neely & Co., San Diego, Cal.....
Neff, Fletcher, Kellogg, Idaho.....
Neff, Frank, Miner's Delight, Wyo.....
Neff, J. H., San Francisco, Cal.....
Neft & Sons, Oak Bar, Cal.....
Negman, C. M., Manse, Nev.....
Negold, R., Howardsville, Colo.....
Neihart Co., Helena, Mont.....
Neikirk, H., Boulder, Colo.....
Neilson, J., Card, Idaho.....
Nellie Bly G. Mg. & Red. Co., Boulder, Col.
Nellie Gold Mine Co., Carriboo, Idaho.....
Nellie Mg. Co., Osburn, Idaho.....
Nellie Sanborn Mg. Co., Pueblo, Colo.....
Nelson, Al., Markleeville, Cal.....
Nelson, Andrew, Garner, Idaho.....
Nelson, A. A., Howardsville, Colo.....
Nelson, Chas., Candelaria, Nev.....
Nelson, C. A., Stella, Cal.....
Nelson, C. G., Austin, Ore.....
Nelson Hyd. Mg. Co., Nelson, B. C.....
Nelson, Jno., Candelaria, Nev.....
Nelson, L., Orleans, Cal.....
Nelson Tun. & Mg. Co., Creede, Colo.....
Nelson & Denney, Baker City, Ore.....
Neosho Mg. Co., Seattle, Wash.....
Ne Plus Ultra G. Mg. Co., New York.....
Nesbit, W. M. & Co., Quartzburg, Idaho..
Nettie Mining Co., Alpine City, Utah.....
Nevada-California Land, Mg. & Water Co., Carson City, Nev.....
Nevada City Mg. Co., Nevada City, Cal....
Nevada Queen Mg. Co., San F., Cal.....
Nevada Spy Mg. Co., Helene, Nev.....
Nevada Tun. Mg. Co., Ouray, Colo.....
Nevells, W. E., Jamestown, Cal.....
Nevett, D., Florissant, Colo.....
Nevice, Wm., Custer, S. D.....
Nevills, W. A., San Francisco, Cal.....
New Albany Mg. Co., Sonora, Cal.....
New America G. Mg. Co., French Gulch, Cal.
New Calaveras Mg. Co., Angels Camp, Cal.
New California Co., Bald Mountain, Colo..
New Calif. Co., Ltd., Central City, Colo....
New Chicago Mg. Co., Wallace, Idaho....
New Citizens Mg. Co., Goldgulch, Cal....
New Colo. Mg. Co., Arivaca, Ariz.....
New Colo. S. Mg. Co., Central City, Colo..
New Columbia G. Mg. Co., New York.....
New Coso Mg. Co., San Francisco, Cal....
New Discovery G. Mg. Co., Forest City, Cal.
New Eberhardt Co., Ltd., Hamilton, Nev..
New Eberhardt Mg. Co., Ely, Nev.....
New Edgerton Mg. Co., New Glasgow, N.S.
New England G. & S. Mg. Co., Boston, Mass. .....
New Eng. G. & S. Mg. Co., Skelton, Nev..
New England Mg. Co., Portland, Me.....
New Eng. & Belt Mtn. Mg. Co., Boston, Mass. .....
New Era Gravel Mg. Co., Brown's Valley, Cal. .....
New Era Mg. Co., Deadwood, S. D.....
New Eureka Con. G. Mg. Co., San F., Cal.
New Eureka S. Mg. Co., Victoria, B. C....
New Glasgow G. Mg. Co., New Glasgow, N. S. .....
New Gold Hill Co., Ltd., Gold Hill, N. C..
New Guston Co., New York.....
New Haven G. Mg. Co., Colo. Spgs., Colo..
New Laplata Mg. Co., Deadwood, S. D....
New London Estates Co., New London, N. C. .....
New London G. & S. M. & T. Co., Salt Lake City, Utah.....
New Mexico & Arizona S. Mg. Co., Ivanhoe, N. M.....
New Pinos Altos Mg. Co., Pinos Altos, Mex. .....
New Polonia Mg. Co., Denver, Colo.....
New Silver Crown Mg. Co., Chicago, Ill....
New State Mg. Co., Butte, Mont.....
New Tintic Mg. & S. Co., Salt Lake City, Utah .....
New Year G. M. & M. Co., Colorado Springs, Colo.....
New York House Mg. Co., Brownsville, Cal.
New York Mg. Co., Gold Hill, Nev.....
New York M. & M. Co., Cripple Creek, Col.
New York Platinum Co., Granite Ck., B. C.
New York Tun. & Mg. Co., Colo. Spgs., Colo.
N. Y. & British Guiana G. Mg. Co., N. Y..

GOLD AND SILVER—Continued.

N. Y. & Hunduras Rosaris Mg. Co., N. Y..
N. Y. & Last Chance Mg. Co., Denver, Col.
New Zeland Mg. Co., Denver, Colo.....
Newhouse Tun. Co., Idaho Spgs., Colo.....
Newman Group Mg. Co., Rico, Colo.....
Newman, J. P., Hildreth, Cal.....
Newman Mine & G. Wks., Newman, Ga....
Newman & Hopkins, Durango, Colo.....
Newport M. & M. Co., Rollinsville, Colo..
Newsham, R. V., Pinos Altos, N. M.....
Newson Mg. Co., San Francisco, Cal.....
Newton G. Mg. Co., Denver, Colo.....
Newton M. & M. Co., Idaho Spgs., Colo..
Neylor, Owen, Bishop Creek, Cal.....
Nez Perces M. Co., Elk City, Idaho.....
Ni Wot & Madeline Mg. Co., Ward, Colo..
Niagara G. Mg. Co., Colo. Spgs., Colo.....
Niagara Mg. Co., Philadelphia, Pa.....
Nichol, J., Yankee Hill, Cal.....
Nicholl, Geo., Belmont, Nev.....
Nicholls, W. & P., Dutch Flat, Cal.....
Nichols, Chas. B., Copley, Cal.....
Nichols G. Mg. Co., French Corral, Cal...
Nicholson, Frank, Phoenix, Ariz.....
Nicholson, W. H., Boulder, Colo.....
Nickel, G. D., La Garita, Colo.....
Nickel, Judge, Acton, Cal.....
Nickerson, C., Oroville, Cal.....
Nickerson, J. R., Auburn, Cal.....
Nickerson & Co., Forbestown, Cal.....
Nickolson, Henry, Fairview, B. C.....
Nicolet, Chas., Sawyer's Bar, Cal.....
Niles, A. W., Hornbrook, Cal.....
Niles, E. A., Hornbrook, Cal.....
Niles, H. S. & Sons, Malachite, Colo.....
Niles Mg. Co., Henley, Cal.....
Nine Mile Mg. Co., Missoula, Mont.....
93 Quartz Mine, Sulphur Creek, Cal.....
Ninnis & Jones, Goldgulch, Cal.....
Ninnis & Morrison, Goldgulch, Cal.....
Nipper, Hugh, Letcher, Cal.....
Nisertt, E. E., Marble, Colo.....
Nisi Prius Mg. & Leas. Co., Leadville, Col.
Niswonger, J. D., Eureka, Colo.....
Nivens & Co., Baker City, Ore.....
Noble Five Silver Mines, Kaslo, B. C....
Noble, Geo. M., Thomasville, Colo.....
Noble, M. & M. Co., St. Louis, Mo.....
Noble, R., Michigan Bluff, Cal.....
Noble, W. B. & Co., Pioneerville, Idaho..
Noble & Sons, Descanso, Cal.....
Nogal & Bonita M. & M. Co., White Oaks, N. M. .....
Noldy, Jno. P., Aurora, Nev.....
Nolan, E., Callahan, Cal.....
Non Con. Traction Mg. Co., Butte, Mont....
None Such Mg. Co., Helena, Mont.....
Nopal M. & M. Co., Kansas City, Kas....
Norbee, Jules, Heron, Mont.....
Norfolk G. Mg. Co., Murphys, Cal.....
Norman G. Mg. Co., Denver, Colo.....
Norris, A., Card, Idaho.....
Norris, Jno. M., Diamond City, Mont.....
Norris, N. C., Igo, Cal.....
Norris, Smith, Fresno, Cal.....
Norris, W. R., Reveille, Nev.....
North Am. Placer Co., Lillooet, B. C.....
North Banner Con. Co., Grass Valley, Cal.
North Bell Isle Mg. Co., San F., Cal.....
North Belle Isle Mg. Co., Tuscarora, Nev..
North Bloomfield Gravel Mg. Co., San Francisco, Cal.....
North Car. Smelt. Co., Newark, N. J.....
North Clear & Pine Creek Hyd. Mg. & Leasing Co., Central City, Colo.....
No. Commonwealth Mg. Co., San F., Cal..
North Eureka Mg. Co., Eureka, Utah.....
N. E. & Ore. Mg. Co., Rye Valley, Ore....
North Fork Placer Mg. Co., Salt Lake City, Utah .....
North, Fred & Co., Bannack, Mont.....
North, Gould & Curry G. & S. Mg Co., San Francisco, Cal.....
North Gover Mg. Co., Amador, Cal.....
North Home Mg. Co., Radersburg, Mont..
North Homestake Mg. Co., Perris, Cal....
North Last Chance Mg. Co., Salt Lake City, Utah .....
North Missouri Group Mg. Co., Maysville, Colo. .....
North Moccasin Mg. Co., Lewistown, Mont.
North Pole Mg. Co., Bowden, Ore.....
North Shore Mg. Co., Detroit, Mich.....
North Star Co., Stormont, N. S.....
North Star C. & G. Mg. Co., Baltimore, Md.
North Star Mg. Co., Hayden Hill, Cal.....
North Star Mg. Co., Silverton, Colo.....
North Star Mg. Co., Springville, Utah....
North Star Mg. Co., Vancouver, B. C.....
North Star Mtn. Mg. Co., Breckenridge, Colo. .....
North Sydney Mg. & Trans. Co., Ltd., N. Sydney, N. S.....
N. W. M. & M. Co., Minneapolis, Minn....
Northern Belle G. Mg. Co., Perris, Cal....
Northern Light Mg. Co., Ophir, Utah.....
Northern Mg. Co., Leadville, Colo.....
Northern Pac. Mont. & Idaho Placer Mg. Co., Missoula, Mont.....
Northern Spy Mg. Co., Eureka, Utah....
Northrup Gold Mg. Co., Windsor, N. S....
Norton, Jas., Lewiston, Cal.....
Norton & Kennedy, Pine Grove, Nev.....
Norway Mg. Co., Cornucopia, Ore.....
Nova Scotia G. Mines, Montague, N. S.....
Nosh Deep Gravel G. Mg. Co., Trinity Centre, Cal. .....
Nova Scotia Syn., Waverly, N. S.....
Noyer, A. M., Juneau, Alaska.....
Noyer, P. S., Sumpter, Ore.....
Nuevo Rosario Mg. Co., Zacatecas, Mex....
Nuffer, Frederick, Preston, Idaho.....
Nugent M. & M. Co., Cripple Creek, Colo..
Nuggett M. & M. Co., Colo. Spgs., Colo....
No. 20 Gold Mine, Pierceville, Ga.....
Numsoca Mg. Co., New York.....
Nutbrown, J. H., Leeds, Que.....
O'Brien, M., Sparta, Ore.....
O'Callaghan, J. C., Hurleton, Cal.....
O'Connell, Daniel, Bonanza, Idaho.....
O'Conner, T., Jamestown, Colo.....
O'Connor, Danl., Sudbury, Ont.....
O'Dessa S. Mg. Co., Calico, Cal.....
O'Donnell, P., Graniteville, Cal.....
O'Harra, A. & Co., Columbia, Cal.....
O'Keefe, Will, Elliston, Mont.....
O'Neal, Chas., O'Neal, Cal.....
O'Neil, D., Descanso, Cal.....
O'Shaughnessy, P., Oldham, N. S.....
Oak Con. Mg. Co., San Francisco, Cal.....
Oakland Mg. Co., Talent, Ore.....
Oaks, Geo. S., Reveille, Nev.....
Oasis Mg. Co., Glenwood Springs, Colo....
Oaxaca Mg. Co., Ltd., San Geronimo Tabische, Mex. .....
Oaxaca Mining Co., Totolapan, Mex.....
Occident Mining Co., Murray, Idaho.....
Occidental Con. Mg. Co., San F., Cal.....
Occidental Mining Co., Ogilby, Cal.....
Occidental S. Mining Co., Calico, Cal.....
Ocean Wave Mining Co., Lake City, Colo..
Ock & Co., Happy Camp, Cal.....
Odell, I., Rye Valley, Ore.....
Odin G. & S. Mg. Co., Nevada City, Cal...
Odin Gravel Mg. Co., Nevada City, Cal....
Oest G. & S. Mining Co., Virginia City, Nev. .....
Oest Mining Co., Silver City, Nev.....
Oester, J. H., O'Neals, Cal.....
Ogden Mining & Smelt. Co., Camden, N. J.
Ogden, W. C., Marysville, Cal.....
Ogilbie, D. & Co., Lamoille, Nev.....
Ohio Gold Mining Co., Fresno, Cal.....
Ohio Gulch Mg. Co., Dumont, Colo.....
Ohio Mining Co., Organ, N. Mex.....
O. K. Gold Mining Co., Spokane, Wash...
O. K. M. & M. Co., Kansas City, Mo.....
Okanagon Mg. Co., Penticton, B. C.....
Okanogan M. & P. Co., Loomis, Wash....
Old Abe Mg. Co., White Oaks, N. Mex....
Old Abe & Tompkins M. & M. Co., Wardner, Idaho. .....
Old Colony Mining Co., Radersburg, Mont..
Old Dominion Mg. & Con. Co., Spokane, Wash. .....
Old Glory Mg. Co., Oro Blanco, Ariz.....
Old Guard Mg. Co., Tombstone, Ariz.....
Old Jordan & Galena Mining Co., Salt Lake City, Utah .....
Old Kentucky Mg. Co., Colo. Spgs., Colo.
Old Provincial Gold Mg. Co., Boston, Mass.
Old, R. O., Georgetown, Colo.....
Old Telegraph Mg. Co., Bingham, Utah..
Oldham Gold Mining Co., Oldham, N. S..
Olfs, O., Fresno, Cal.....
Oliver, S., Portland, Colo.....
Oliver & Martin, Como, Colo.....
Olsen, Fred, Olney, Ore.....
Olsen, M., Lewiston, Cal.....
Olsen & Knight, Huntington, Ore.....
Olson C. & Co., Ainsworth, B. C.....
Olson, Ed., Howardsville, Colo.....
Olson, H. A., Kelly, N. Mex.....
Olson, Samuel, Butte Valley, Cal.....
Olson & Stote, Kelly, N. Mex.....
Olwer & Co., Sonoma, Cal.....
Omaha Con. G. Mg. Co., San F., Cal.....
Omaha Mining Co., Grass Valley, Cal.....
Omega G. Mining Co., Pactola, S. D.....
Omilak Gold Mg. Co., San Francisco, Cal.
Omilak G. & S. Mg. Co., San F., Cal....
Onkst, W. P., Lundy, Cal.....
Ontario G. M. & M. Co., Colo. Spgs., Colo.
Ontario Mg. Co. of Mont., Helena, Mont..
Ontario Mining Co., Winnipeg, Man....
Ontario Silver Mining Co., Salt Lake City, Utah .....
Ontario Syndicate, Lundy, Cal.....
Ontario & Qu' Appelle Land Co., Winnipeg, Man. .....
Ophir Bedrock Flume Co., McCulloch Creek, B. C. .....
Ophir G. Mining Co., Rocky Bar, Idaho..
Ophir G. & S. Mg. Co., San F., Cal.....
Ophir Hill Mg. & Con. Co., S. L. C'y, Utah.
Ophir Mining Co. of Chicago, Bruce Mines, Ont. .....
Ophir Mg. Co., Colorado Springs, Colo....
Ophir M. & M. Co., Colorado Spgs., Colo..
Ophir M. & M. Co., Great Falls, Idaho...
Ophir Needle Mg. Co., Ophir, Colo.....
Ophir S. Mg. Co., San Francisco, Cal.....
Ophir Valley G. Mining Co., Ophir, Cal..
Ora Mtn. Mining Co., Daggett, Cal.....
Oregon G. Mg. Co., Cornucopia, Ore.....
Oregon Imp. Co., Franklin, Wash.....
Oregon & Cal. G. Mg. Co., Portland, Ore..
Oriental S. Mg. Co., Calico, Cal.....
Original Empire M. & M. Co., San F., Cal.
Original Keystone Mg. Co., San F., Cal..
Original Mining Co., Butte, Mont.....
Original Pittsburg Gold Mining Co., Grass Valley, Cal. .....
Original Qtz. Hill G. M., Redding, Cal....
Orinoco Mg. Co., Colorado Spgs., Colo.....
Oriole G. Mg. Co., Colorado Spgs., Colo...
Orleans Bar Mining Co., Orleans, Cal....
Orleans Con. Mining Co., San F., Cal....
Orleans Mining Co., Grass Valley, Cal.....
Oro Dell M. & M. Co., Chicago.....
Oro Fino Mg. Co., Nimshew, Cal.....
Oro Grande M. & M. Co., Colo. Spgs., Colo.
Oro Minas, El., Ixtlahuaca, Mex.....
Oro M. & M. Co., Breckenridge, Colo.....
Oro Y Plata Mg. Co., Phillipsburg, Mont..
Orphan Belle M. & M. Co., Colorado Springs, Colo. .....
Orphan Boy Con. Mg. Co., Alma, Colo...
Orphan Boy Ex. M. & M. Co., Denver, Colo. .....
Orphan Boy M. & M. Co., Denver, Colo....
Orphan Boy M. & Red. Co., Denver, Colo.
Orr Extens. Ditch Co., Reno, Nev.....
Orr, W. W., Quincy, Cal.....
Orth, Geo. S. & Co., Mineral Point, Colo..
Ortiz, Manuel, San Miguel Peraz, Mex.....
Ortiz, Manuel y Cia., Zimatlan, Mex.....
Orton, T. W., Butte Valley, Cal.....
Osborn Hill Mg. Co., Grass Valley, Cal...
Osborn, J. B., Daggett, Cal.....
Osborn Leader S. Co., Ouray, Colo.....
Osborn, Wiley, Granite, Ore.....
Osborne, A. W., Berthoud, Colo.....
Osborne Mg. Co., San Francisco, Cal.....
Osburn M. & M. Co., Idaho Springs, Colo..
Osburn, Owen, Clover Bar, N. W. T.....
Osburn, S. V. W., Osburn, Idaho.....
Osburn & Sewell, Osburn, Idaho.....
Osceola Con. Mg. Co., San Francisco, Cal..
Osceola Grand Mg. Co., Salt L. City, Utah.
Osceola Gravel Mg. Co., Osceola, Nev.....
Osceola G. M. & M. Co., Osceola, Nev...
Osceola Placer Mining Co., New York.....
Osgood, Dan, Clayton, Idaho.....
Osgood, L., Stockton, Utah.....
Osleiston, F. F., Idaho Springs, Colo.....
Osterweis, Dave, Jamestown, Colo.....
Otras Mining Co., Laramie, Wyo.....
Ottawa Hyd. M. & M. Co., Yale, B. C.....
Ottenheimer, S., Baker City, Ore.....
Otter Flat Mining Co., Slate Creek, B. C..
Our Gold Mining Co., Cripple Creek, Colo.
Ouray D. & Mg. Co., Leadville, Colo.....
Ouray G. Mining Co., Ouray, Colo.....
Ouray M. & M. Co., Breckenridge, Colo...
Oustot & Overton, Cooks, N. Mex.....
Overland Con. G. Mg. Co., Helena, Mont..
Overland G. & S. Mg. Co., Silver City, Nev.
Overman, Jas., Portland, Colo.....
Overman Mg. Co., San Francisco, Cal.....
Overton, A. C., Boundary Creek, B. C....
Owens Con. Mining Co., San Diego, Cal...
Owens, Geo. W., Kellogg, Idaho.....
Owens, J. A., Daggett, Cal.....
Owens, O., Alleghany, Cal.....
Owens, S., Hayden Hill, Cal.....
Owens, T. F., White River, Cal.....
Oxford Gold Mining Co., Musquodoboit Harbour, N. S. .....
Oxford Gold Mining Co., New York.....
Oxford G. M. & M. Co., Colo. Spgs., Colo.

Oxford G. Qtz. Mg. Co., Downieville, Cal..
Oxnard, H. T., New York.....
Ozalle Bros., Granitteville, Cal.....
Pacific Bullion Mg. Co., Spokane, Wash....
Pacific Coast Pros. & Dev. Co., Springfield, Ore. .....
Pacific Gold Co., St. Louis, Mo.....
Pacific Mining Co., Silver City, N. Mex...
Pacific G. Qtz. Co., Placerville, Cal.....
Pacific Mg. Co., San Francisco, Cal.....
Pacific Tunnel Mg. Co., Bellevue, Idaho...
Pack, James A., De Lamar, Idaho.....
Packard, C. H., New Windsor, Colo.....
Packard Mining Co., Snohomish, Wash...
Pactolus Gold Co., Goldenville, N. S.....
Padre y Madre Mine, Ogilby, Cal.....
Page, Horatio, Ophir, Colo.....
Page, Louis & Co., Columbia, Cal.....
Paggoni, B., Butte Valley, Cal.....
Paguentin, Francisco, Tasco, Mex.....
Painter, Lawrence, Cornucopia, Ore.....
Palacio, Marcelino, Guanajuato, Mex.....
Palgrave Gold Mining Co., Isaac's Harbour, N. S. .....
Palisade Mining Co., Calistoga, Cal.....
Palmer, Ham, Butte Valley, Cal.....
Palmer, John, Baker City, Ore.....
Palmer, J. C., Beaver Creek, Colo.....
Palmer, W. E., San Antonio, N. Mex.....
Palmer & Houghton, Denver, Colo.....
Palmer & Place, Baker City, Ore.....
Paloma G. Mining Co., Valley Springs, Cal.
Paltania, G., Aurum, Nev.....
Pamlico G. Mining Co., Hawthorne, Nev...
Pan American M. & M. Co., Salt Lake City, Utah .....
Pande, Capt., Sitka, Alaska.....
Panona, Jno., Belmont, Nev.....
Pansy Mining Co., Douglas, Alaska.....
Paragon Gold Mining Co., Auburn, Cal.....
Paragon Mining Co., Barker, Mont.....
Paragon Mining Co., Forest Hill, Cal.....
Parfet, J. W., Salmon City, Idaho.....
Park Canal & Mg. Co., Placerville, Cal ..
Park Regent Cons. Mg. Co., Creede, Colo..
Park Regent Mining Co., Aspen, Colo.....
Park, S. & Co., Michigan Bluff, Cal.....
Park View Mining Co., Gardiner, Mont.....
Park View M. & M. Co., Colo. Spgs., Colo.
Parke & Lacy Mg. Co., San Francisco, Cal.
Parker, A., Etna, Cal.....
Parker, Alex., & Son, Etna, Cal.....
Parker, Frank J., Walla Walla, Wash....
Parker, F. W., Hillsboro, N. Mex.....
Parker, J. H., Baker City, Ore.....
Parker Mining Co., Hailey, Idaho.....
Parker, N., Virginia City, Mont.....
Parkman y Cia., Guanajuato, Mex.....
Parlo G. Quartz Co., Placerville, Cal.....
Parlo, G. B., Placerville, Cal.....
Parluck, Geo. A., Caribou, Colo.....
Parmelee Ore Cons. Co., Chicago, Ill.....
Parr & Tynck, Bodie, Cal.....
Parrot Mining Co., Whitehall, Mont.....
Parrott Mining Co., Spokane, Wash.....
Parry Bros., Trinity Centre, Cal.....
Parshall, W. W., Rico, Colo.....
Parson, Thos. J., San Francisco, Cal.....
Parsons, A. L., Redding, Cal.....
Parsons, H., Fort William, Ont.....
Parsons Silver Mg. Co., Deadwood, S. D..
Pary, George E., Magalia, Cal.....
Pasadena Mg. Co., Salt Lake City, Utah..
Pasadena Mining Co., Yuma, Ariz.....
Pasenti, David, Copley, Cal.....
Pat Murphy Mining Co., St. Elmo, Colo...
Patch, Jno., Bullion, Nev.....
Pate, C. H., Sunshine, Colo.....
Patten & Son, Wagon Wheel Gap, Colo.....
Patterson, A., Yankee Hill, Cal.....
Patterson Bros., Coles, Cal.....
Patterson Bros., Kelly, N. Mex.....
Patterson, Jas., Gold Hill, N. Mex.....
Patterson, Moses, Hoboken, Cal.....
Patterson, Wm., Fayetteville, Ark.....
Patton, W. A., Hachita, N. Mex.....
Patton & Taggert, Vanderbilt, Cal.....
Partridge, C. J., Sugar Loaf, Colo.....
Paul, A. B., Redding, Cal.....
Paul, J., Silver King, Ariz.....
Paul, J. P., Baker City, Ore.....
Paulina Mining Co., Empire, Colo.....
Paulsen, P. M., Weaversville, Cal.....
Paulsen Ruby Mg. Co., Spokane, Wash..
Pawnee M. & M. Co., St. Elmo, Colo.....
Paxman M. & M. Co., Eureka, Utah.....
Paymaster Gold Mining Co., Ogilby, Cal..
Paymaster Mining Co., Yuma, Cal.....
Payne, David, Ashland, Ore.....
Payne, G. W., Questa, N. Mex.....
Payne Group S. Claims, Kaslo, B. C.....
Payne, W. T., Beaver Creek, Colo.....
Payrock S. Mines, Ltd., Georgetown, Colo.
Paystone M. & M. Co., Aspen, Colo.....
Peabody Gold Mg. Co., Grass Valley, Cal..
Peabody, Lelon, Como, Colo.....
Peabody & Foot, Como, Colo.....
Peacock, S., Boston, Mass.....
Pearch, J. A., Orleans, Cal.....
Pearl Mg. & S. Co., Little Rock, Ark.....
Pearsall Mining Co., Seattle, Wash.....
Pearsall & Estrade, Mokelumne Hill, Cal.
Peart, Emerson, Dumont, Colo.....
Peart, Ned, Dumont, Colo.....
Pease & Hughlett, Silver City, Ark.....
Peck, C. H. & Co., Oak Bar, Cal.....
Peck, E. H., Hailey, Wyo.....
Peck, F. L., Empire, Colo.....
Peck, J. B., Bucks Ranch, Cal.....
Peck, Wm., Butte Valley, Cal.....
Pecos M. & M. Co., Aspen, Colo.....
Pedro, Baca, Juan Tafoya, N. Mex.....
Pedro, Jose Moya, Juan Tafoya, N. Mex....
Peer Mg. Co., San Francisco, Cal.....
Peer, Peerless & Crocker Mining Co., San Francisco, Cal. .....
Peerless Jennie Mining Co., Helena, Mont.
Peffer, Jno., Mg. Co., Marysville, Cal....
Pelican Dives Mg. Co., Georgetown, Colo..
Pelican Mining Co., Kansas City, Mo....
Pellow, Wm., Ophir, Cal.....
Pells, E., Willow Creek, Nev.....
Peluca, A., Belmont, Nev.....
Pena, Miguel de la., Villa, Mex.....
Penault, G. O., Hillsboro, N. Mex.....
Pence, A. A., Petty, Ark.....
Pengilly, Jacob, Silver King, Ariz.....
Peninsula Gold Mining Co., Moose Landing, N. S. .....
Pennsylvania Cons. Mining Co., Grass Valley, Cal. .....
Pennsylvania Gold Mining Co., Grass Valley, Cal. .....
Penrod, E. & Son, Stofiel, Nev.....
Peoples M., Mg. & Inv. Co., Yuma, Ariz..
Peoples M. & M. Co., Denver, Colo.....
Peoria G. & S. Mg. Co., Ironton, Colo.....
Peppin, Jos., Bucks Ranch, Cal.....
Peras de Minera Negociacion, Mexico, Mex. .....
Peras de Negociacion Minera, San Miguel Peras, Mex. .....
Percell, Thos., Belleville, Nev.....
Peregrina Mining Cia., Tlaquiletenango, Mex. .....
Perein, J., Butte Valley,Cal.....
Perimide Mg. Co., Los Angeles, Cal.....
Perkins, E., Stanley, B. C.....
Perkins, Hon. Geo. C., Oakland, Cal.....
Perkins Point G. Mg. Co., Scales, Cal.....
Perrault, A. N., Tin Cup, Colo.....
Perrier & Evans, Coles, Cal.....
Perrin Mining Co., Grass Valley, Cal.....
Perry, Chas., Temescal, Cal.....
Perry, Jno. B., Grizzly Flats, Cal.....
Perry & Thompson, Placerville, Cal.....
Persico, Jos., Reveille, Nev.....
Peruvian G. Mg. Co., Cripple C'k, Colo...
Perzoid, H., Prairie City, Ore.....
Peters Bros., Sawyers Bar, Cal.....
Peters, Henry, Cold Creek, Nev.....
Peters & Ward, Lillooet, B. C.....
Petersen, J., North Fork, Cal.....
Petersen & Krohn, Goldgulch, Cal.....
Peterson, Adam, Huntsville, Utah.....
Peterson Bros., Temescal, Cal.....
Peterson, Carl E., Huntsville, Utah.....
Peterson, Chris., Sentinel, Cal.....
Peterson, W., Chloride, N. Mex.....
Peterson & Jones, Goldgulch, Cal.....
Peterson & Keefe, Columbia, Cal.....
Petlingill, J. N., Grand Lake, Colo.....
Peto Co., Midway, West Kootenay Dist., B. C. .....
Petro Mg. Co., Salt Lake City, Utah.....
Petzite M. & M. Co., St. Louis, Mo.....
Pevna, Ramon, Juan Tafoya, N. Mex.....
Pewabic Mining Co., Denver, Colo.....
Pfau, Fred, Baker City, Ore.....
Pfiel, Gustave, Rock Point, Ore.....
Phalan, J. & Chas., Sprucemont, Nev.....
Pharmacist Mining Co., Colorado Springs, Colo. .....
Phelps, C., Washington, Cal.....
Phelps, Judson & Co., Pasadena, Cal.....
Phelps & Lee, Lombrerete, Mex.....
Phelps & Lee, Veta Grande, Zacatecas, Mex. .....
Phi Kappa Mining Co., Ltd., Ketchum, Idaho .....
Philadelphia & Washington Gold Mining Co., Philadelphia, Pa.....
Phila. & Idaho S. Mg. Co., Oswego, Idaho.
Philipp, Geo., Silver Cliff, Colo.....
Phillips, A., Midas, Nev.....
Phillips, E., Sandpoint, Idaho.....
Phillips, Elmer E., Castle, Mont.....
Phillips, E. E., Eureka, Nev.....
Phillips, J., Mill City, Nev.....
Phillips, Jno., Downieville, Nev.....
Phillips Placer Mg. Co., Boulder, Colo...
Phillips, B. & Son, Selad, Cal.....
Phillips & Sullivan, Silver City, Idaho...
Phillips & Wood, Boulder, Colo.....
Philo S. & R. Co., Pueblo, Colo..... .
Phoenix Co., Fort Lemhi, Idaho.....
Phoenix Co., Stella, Cal.....
Phoenix L. & Dev. Co., Mt. Uniacke, N. S.
Phoenix Mining Co., Phoenix, Ariz.....
Phoenix Mining Co., Silver City, Utah....
Phoenix Mining Co., Spokane, Wash.....
Phoenix M. & M. Co., Ellensburg, Wash...
Phoenix M. & M. Co., San F., Cal.....
Phoenix S. Mg. Co., Salt Lake City, Utah.
Piaccho Gold Mines, San Diego, Cal.....
Pichoir, Henry, San Francisco, Cal.....
Picking, W. C. & Co., Pine, Idaho.....
Pickle, Koenig & Rosenfeld, Princeton, Mont. .....
Pickman & Sharkey, Fort Lemhi, Idaho.
Pictou Development & Mining Co., Ltd., Pictou, N. S. .....
Pidge, W. C., Inyo, Cal.....
Piedmont G. & S. Mining Co., Buford, Ga.
Pierce, David R., Detroit, Mich.....
Pierce, Ed., Rock Point, Ore.....
Pierce, F., Lundy, Cal.....
Pierce Gold Mining Co., Lead, S. D.....
Pierce, J. P., Co., Santa Clara, Cal.....
Pierce, Thompson & Watts, Lake Valley, N. Mex. .....
Pierson Bros., Wildwood, Ore.....
Pigeon Mining Co., Rico, Colo.....
Pignatori, Salvador, Arivaca, Ariz.....
Pike, C. H., Farnham, Colo.....
Pike, Ed., Provo City, Utah.....
Pike, W. L., Spokane, S. D.....
Pilgrim G. & S. Mg. Co., San F., Cal.....
Pillon, Baptiste,Fort Saskatchewan,N.W.T.
Pillow, Lozano, Ophir, Cal.....
Pilot Mining Co., Bonanza, Idaho.....
Pinal Con. Mg. Co., San Francisco, Cal...
Pinckney, C. M., Washington Bar, Mont..
Pine Creek Mining Co., Denver, Colo.....
Pine Creek Placer Co., Bridgeport, Ore.....
Pine Grove M. & M. Co., La Veta, Colo..
Pine Hill G. Mg. Co., Shingle Spgs., Cal..
Pine, J. S., Boulder, Colo.....
Pine Mtn. Gold Mine, Villa Rica, Ga.....
Pine Nut Cons. G. & S. Mining Co., Carson City, Nev. .....
Pine & Parckney, Adobetown, Mont.....
Pinetucky Gold Mining & Min. Land Co., Heflin, Ala. .....
Pinion Mining Co., Santa Fe, N. Mex.....
Pinkerton, Wm. H., Boundary, Wash.....
Pintoucher, Jno., Hiko, Nev.....
Pioche Con. Mg. Co., Salt Lake City, Utah.
Pioche Con. Mg. & Red. Co., Pioche, Nev..
Pioneer Drift Mining Co., Port Wine, Cal..
Pioneer G. Mining Co., Auburn, Cal.....
Pioneer Mining Co., Helena, Mont.....
Pioneer Mining Co., San Francisco, Cal..
Pioneer M. & M. Co., Malad City, Idaho..
Pioneer & Park City Mining Co., Salt Lake City, Utah.....
Piramide Mining Co., Riverside, Cal.....
Pitman, J. M., Loomis, Wash.....
Pitterson, Matt, Clayton, Idaho.....
Pitts, J., Oro Fino, Cal.....
Pittsburg Con. Gold Mines, Ltd., Battle Mountain, Nev. .....
Pittsburg Gold Mining Co., Lewis, Nev..
Pittsburg Mining Co., Nevada City, Cal..
Pittsburg & Cariboo Gold Dredging Co., Ashcroft, B. C. .....
Pittsburg & Cariboo Gold Dredging Co., Quesnelle, B. C. .....
Pittwood & Burbridge, Rosburg, Wash...
Placeres Minera, Los, Cia., Del. Sattello, Mex. .....
Plainview Mining Co., Goldgulch, Cal.....
Planet, G. M., Co., Lowell Hill, Cal.....
Planet Mining Co., Willow Creek, Nev...
Plantz, W. A., Newcastle, Cal.....
Platt, T. E., Dumont, Colo.....
Plock, P., Mining Co., Helena, Mont.....
Pluma Mining Co., Lead, S. D.....
Plumas Eureka Gold Mining Co., Johnsville, Cal. .....
Plumas Eureka Mg. Co., San F., Cal.....
Plumas Imperial G. Mg. Co., Quincy, Cal..
Plummer Qtz. Mg. Co., Nevada City, Cal..

GOLD AND SILVER—Continued.

Plummer & Co., Columbia, Cal.....
Plomoso Cement M. & M. Co., Tysons, Ariz. .....
Pluth, Marcus, Daggett, Cal.....
Pluto Mining Co., Colorado Springs, Colo.
Plutus Mining Co., Ouray, Colo.....
Plymouth Cons. Mg. Co., Plymouth, Cal...
Plymouth Rock G. Co., Jenny Lind, Cal..
Plymouth Rock Mg. Co., Cripple C'k, Colo.
Pobst, R., McEwen, Ore.....
Pocahontas Mining Co., Deadwood, S. D...
Podesto, L., Michigan Bluff, Cal.....
Poggi, Jos. & Co., Jackson, Cal.....
Pogue, L., Railroad Flat, Cal.....
Pohl & Co., Robinson, Colo.....
Poindexter, W. S., Rico, Colo.....
Poland Mg. Co., Colorado Springs, Colo...
Polar Star Mining Co., Copley, Cal.....
Polar Star Mg. Co., Mineral Point, Colo..
Polaris Mining Co., Spokane, Wash.....
Polaris M. & M. Co., Bannack, Mont.....
Polk & Parker Bros., Placerville, Cal.....
Pollard, Jacob, Callahan, Cal.....
Pollard, J., Butte Valley, Cal.....
Pollock, Peter J., Ophir, Utah.....
Pollock, S. J., Salt Lake City, Utah.....
Polosi Mining Co., Mt. Sneffels, Colo.....
Polster, C., Magalia, Cal.....
Ponano, Frank, Belmont, Nev.....
Ponda, A. P., Kansas City, Mo.....
Pony Express Mg. Co., Colo. Spgs., Colo..
Pool, C. B., Henley, Cal.....
Poole, Reid & Co., Groveland, Cal.....
Poole, W. A., Grubgulch, Cal.....
Poole, W. W. & Co., Hildreth, Cal.....
Poor, Asa, Osier, Colo.....
Poorman, Ext. Mg. Co., Butte, Mont.....
Poorman Gold Mg. Co., Spokane, Wash..
Poorman Mining Co., Florence, Idaho.....
Poorman Silver Mines of Colorado, Ltd., Denver, Colo. .....
Poormans Mining Co., Big Timber, Mont..
Pope & Bayles, Red Bluff, Mont.....
Popham Bros., Ketchum, Idaho.....
Popworth, J., Clayton, Idaho.....
Porter Bros., Wallace, Idaho.....
Porter & Cooper, Mt. Sneffels, Colo.....
Portercreek Con. Mg. Co., Porter, Wash..
Portland Con. Mining Co., Clinton, Iowa..
Portland Gold Mg. Co., Des Moines, Iowa..
Portland No. 2 Mining Co., Cripple Creek, Colo. .....
Portnes, R., Portland, Colo.....
Post & Haven, Salt Lake City, Utah.....
Poston & Tascherau, Spokane, Wash.....
Potlatch M. & M. Co., Moscow, Idaho.....
Potosi Mg. Co., San Francisco, Cal.....
Potosi Mg. Co., Virginia City, Nev.....
Potrillo, Cia. del., Inde, Mex.....
Potsdam G. Mg. Co., Colo. Spgs., Colo....
Potsdam Stone Co., Bozeman, Mont.....
Potter, T. J., Fort Halleck, Nev.....
Poutchard, Robt., Van Winkle, B. C.....
Poverty Gulch Gold Mining Co., Colorado Springs, Colo.....
Power, D. M., Martina, Mont.....
Power, Mart., Peavine, Nev.....
Powers, H. T., Sunny South, Cal.....
Powers, Mrs. S. A., Michigan Bluff, Cal...
Pownall, J. B., Columbia, Cal.....
Pozos, de Negociacion, Guanajuato, Mex..
Pratt, A. C. & Co., Holbrook, Nev.....
Pratt, E., Glendora, Cal.....
Pratt, S. P., Dillon, Colo.....
Pratt, W. L., Boston, Mass.....
Pratt & Co., Granite, Ore.....
Pray & Dean, North Fork, Cal.....
Preckel, H., Scott's Bar, Cal.....
Prefountain, W., Rock Point, Ore.....
Pregrine, F., Howard, Colo.....
Pregrine, J., Howard, Colo.....
Premier Ext. Co., Wickenburg, Ariz.....
Prentice, Jas., Stockton, Cal.....
Presby, M. H., Castle Creek, Idaho.....
Presentia, David, Shasta, Cal.....
Presidio Mg. Co., San Francisco, Cal.....
Press, Pierce, Nederland, Colo.....
Preston-Chapman & Kulkowski, American Fork, Utah .....
Preston, E. B., Hayden Mill, Cal.....
Prett, Teachsler & Co., La Plata, Colo....
Price, Eli & Wm., Avon, Mont.....
Price, J. G. & Co., Mancos, Colo.....
Price, Thos., San Francisco, Cal.....
Price, Wm. C., San Francisco, Cal.....
Pride of Cripple Creek, Denver, Colo.....
Pride of Louisville, Louisville, Ky.....
Pride of the West Mining Co., Salt Lake City, Utah .....
Primrose Mining Co., Kingman, Ariz.....
Prince Albert Flat Hydraulic Mining Co., Vancouver, B. C. .....
Prince D'Jalma Gold Mining Co., Colorado Springs, Colo. .....
Prince, J., Henley, Cal.....
Prince, T. R., Mount Uniacke, N. S.....
Prince & Brown, Hornbrook, Cal.....
Princess Eulalia Co., Colo. Spgs., Colo....
Princess Gold Mg. Co., Colo. Spgs., Colo..
Princess Mining Co., Candelaria, Nev... .
Princeton Gold M. & M. Co., Colorado Springs, Colo. .....
Princeton Mining Co., Princeton, Mont....
Printers Mining Co., Great Falls, Mont.....
Printz, P. R., Wells, Nev.....
Prize Mining Co., Central City, Colo.....
Progreso Cia., Triunfo, Mex.....
Promontory Mining Co., Custer, S. D....
Proposition G. Mg. Co., Colo. Spgs., Colo.
Prospect Mg. Co., Virginia City, Mont.....
Prospect Mtn. Mg. Co., Eureka, Nev.....
Prosser, W., Port Wine, Cal.....
Prothers, J. E., Visalia, Cal.....
Providence Gold Mining Co. of Norland, East Williamsburg, Ont. .....
Providence Mining Co., Grass Valley, Cal..
Providence Mining Co., Lead, S. D.....
Providence Mg. Co., Nevada City, Cal...
Provident G. Mg. Co., Colo. Spgs., Colo..
Provincial Mg. & Dg. Co., Vancouver, B. C.
Prussian Mines Co., Denver, Colo.....
Puget Sound M. & M. Co., Tacoma, Wash.
Pulaski Mining Co., Telluride, Colo.....
Pulzer G. M. & M. Co., Boulder, Colo.....
Punctney, J. C., Copley, Cal.....
Purcell, Thos., Belleville, Nev.....
Purdy, H. H., Downieville, Cal.....
Purisima y Anexas La Minera, Cia., Mexico, Mex. .....
Purple, W. C., Hillsboro, N. Mex.....
Putnam G. Mg. Co., Colo. Spgs., Colo....
Pyramid G. Mg. Co., Shingle Spgs., Cal..
Pyramid M. & M. Co., San Francisco, Cal.
Pyramid S. Mining Co., Rochester, N. Y..
Puzzler G. M. & M. Co., Denver, Colo...
Quaintance, W. P., Twin Lakes, Colo.....
Quaker City Gold Mining Co., San Fran., Cal. .....
Quaker Girl Mg. & M. Co., Woodland Park, Colo .....
Quartz Creek Mg. & M. Co., Chicago.....
Quebradillas Negociacion Minera de., Temascaltepec, Mex.....
Queen City Mg. & D. Co., Helena, Mont....
Queen Esther Mg. Co., Great Falls, Mont...
Queen Mg. Co., Bingham, Utah.....
Queen Mining Co., Yale, B. C.....
Queen of Hills Mg. Co., Neihart, Mont.....
Queen of the Hills Mg. Co., Bellevue, Ida..
Queen of the Hills Mg. Co., Salt Lake City, Utah .....
Queen of the West Mg. Co., Cornucopia, Ore .....
Queen of the West M. & M. Co., Helena, Mont .....
Quesnelle Forks Canal & Hyd. Mg. Co., Victoria, B. C.....
Quesnelle Forks Mg. Co., Quesnelle, B. C.
Quesnelle Qtz. Mg. Co., Ltd., Quesnelle, B. C.....
Quesnelle River Hyd. G. Mg. Co., New Westminster, B. C. .....
Quicksilver Mg. Co., Aetna, Cal.....
Quigley, W., Walker, Cal.....
Quijano, Francisco, San Pablo, Mex.....
Quijota Mg. Co., Tucson, Ariz.....
Quincy M. & W. Co., San Francisco, Cal...
Quinn, J. D., Daggett, Cal.....
Quinn, Stephen, Newcastle, Cal.....
Quintera Mg. Co., San Francisco, Cal.....
Raab, Chris., Georgetown, Cal.....
Rabbit Mtn. Mg. Co., Beaver Mines, Ont...
Radford, W. H., Weaversville, Cal.....
Raface, Molina Juan, Juan Tafoya, N. M...
Railton & Co., Auburn, Ore.....
Railway Cond. M. & M. Co., Colorado Springs, Colo.....
Ry. Postal Clerks G. Mg. Co., Colorado Springs, Colo.....
Rainbow Gold Mining Co.,Yankee Hill, Cal.....
Rainbow Mg. Co., Loomis, Wash.....
Raine, J. P., Bullion, Nev.....
Rainy Lake Mg. Co., Duluth, Minn.....
Rainy, Wm., Malheur, Ore.....
Ralch Bros., Hebron, Colo.....
Ralls, Jno. M., Radersburg, Mont.....
Ralph, P., Northfork, Cal.....
Ralph, Thomas, Wine Harbour, N. S.....
Ralston & Grayson, San Francisco, Cal....
Ralston & Spencer, Weaversville, Cal.....
Rambo, W. H., Kellogg, Idaho.....
Ramm, M., Deadwood, Cal.....
Ramona M. & M. Co., Colo. Springs, Colo..
Rampart Mg. Co., Green Mt. Falls, Colo...
Ramshorn G. Mg. Co., Glendale, Mont.....
Ramshorn Mg. Co., Salt Lake City, Utah..
Ramshorn Mg. & S. Co., S. L. City, Utah..
Ramus, J., Scott River, Cal.....
Rand, C. H., Palisade, Nev.....
Rand, Jno. C. & Co., Basin, Mont.....
Rand & Coughlin, Baker City, Ore.....
Randall, G., Kemptville, N. S.....
Randol, James B., San Francisco, Cal.....
Randolph Mg. Co., Central City, Colo.....
Rankin, A. T., Tomichi, Colo.....
Rankin, Jas., Somersville, Cal.....
Ranlet, Horace D., San Francisco, Cal....
Ransdell, J. W., Platte Station, Colo.....
Rapid River Mg. Co., Spokane, Wash.....
Rappahannock Mg. Co., Sonora, Cal.....
Rarey, W. T., Spokane, Wash.....
Rase, H., Fairview, B. C.....
Rat Portage Mg. Co., Rat Portage, Ont....
Rathbun Mg. Co., Duluth, Minn.....
Rathgel, Jno., San Andreas, Cal.....
Rathjen, H., Austin, Ore.....
Rattler Gilroy Con. Mg. Co., Deadwood, S. D.....
Rattler Mg. Co., Clinton, Cal.....
Rattler Mg. Co., Osoyoos, B. C.....
Rattler Mg. Co., Robinson, Colo.....
Rattlesnake Co., Stella, Cal.....
Rauch, Leidy & Bonnham, Candelaria, Nev.
Rauch & Co., Placerville, Idaho.....
Raven G. Mg. Co., Colorado Springs, Colo.
Rawhide Mg. Co., Boundary Falls, B. C...
Rawhide Mg. Co., San Francisco, Cal.....
Rawhide Mg. Co. of W. Va., Sonora, Cal...
Rawhide No. 2 Mg. Co., Sonora, Cal.....
Rawson, Ed., & Co., Baker City, Ore.....
Ray, E. M., Creede, Colo.....
Ray, Wm. M. & Co., Michigan Bluff, Cal..
Raycraft & Raycraft, Genoa, Nev.....
Raycroft, Gilbert, Downeyville, Nev.....
Raycroft, Joe, Candelaria, Nev.....
Raymond, Geo. B. & Bro., Silver Cliff, Colo.
Raynes, A. E., Yreka, Cal.....
Read, M. H., Washington, Cal.....
Ready Relief M. & M. Co., Banner, Cal....
Real, Jas., Ophir, Colo.....
Reany, N., Belmont, Nev.....
Reasner, D., Forbestown, Cal.....
Reaves G. Mg. Co., Plymouth, Cal.....
Rebecca G. Mg. Co., Ltd., Colo. Spgs., Colo.
Rebecca Mg. Co., Rico, Colo.....
Record, M. B., Lewis, Nev.....
Red Bank Mg. Co., Coulterville, Cal.....
Red Bluff Co., Stella, Cal.....
Red Bluff M. & M. Co., Red Bluff, Mont....
Red Boy Mg. Co., Granite, Ore.....
Red Bud Mg. Co., Denver, Colo.....
Red Cloud G. Mg. Co., Denver, Colo.....
Red Cloud Mg. Co., Columbia, Pa.....
Red Cloud Mg. Co., Hailey, Idaho.....
Red Cloud Mg. Co., Plymouth, Cal.....
Red Cloud M. & M. Co., Coulterville, Cal..
Red Elephant Mg. Co., Hailey, Idaho.....
Red Gulch Mg. Co., White Cross, Colo.....
Red Hill, Ltd., Mg. Co., Grass Valley, Cal.
Red Hill Mg. Co., Tucson, Ariz.....
Red Jacket M. & M. Co., N. Ogden, Utah...
Red Ledge G. Mg. Co., French Corral, Cal.
Red Lion M. & M. Co., Anaconda, Mont....
Red Mtn. Cons. Mg. Co., Helena, Mont.....
Red Mtn. Cora Bell Mg. Co., Colorado Springs, Colo.....
Red Mtn. G. Mg. Co., Cripple Creek, Colo..
Red Mtn. M. & M. Co., Pittsburg, Pa.....
Red Mt. Mg., M. & Smelt. Co., Chicago.....
Red Oak Mg. Co., Carson City, Cal.....
Red Point G. Mg. Co., Auburn, Cal.....
Red Raven Cons. Mg. Co., Romley, Colo...
Red River G. Mg. Co., Acton, Cal.....
Red River Mg. Co., Acton, Cal.....
Red River Mg. Co., Questa, N. M.....
Red Umbrella G. Mg. Co., Colo. Spgs., Colo .....
Redding, E., Clancey, Mont.....
Redding, E. L., Organ, N. M.....
Redding, E. S., Questa, N. M.....
Reddy, P., San Francisco, Cal.....
Redonda Mg. Co., Denver, Colo.....
Reed, Col. B. F., Newcastle, Cal.....
Reed, C. D., Sparta, Ore.....
Reed, C. F., Ophir, Cal.....
Reed, Chas. H., Ophir, Cal. .....
Reed, Franklin & Blair, Keystone, S. D....
Reed, H. A., Nogales, Ariz.....
Reed, Jas. W., Coulterville, Cal.....
Reed, Joe, Castle, Mont.....

Reed, John, Van Winkle, B. C.
Reed, R. S., Silver City, Utah.
Reed, Sim, Connor Creek, Ore.
Reed, S. G., Portland, Ore.
Reed, S. M., Mona, Utah.
Reed, Tobe, Bridgeport, Ore.
Reed, T. L., Reedley, Cal.
Reed, W., Pollasky, Cal.
Reed & Askey, Pine Grove, Cal.
Reed & Goodspeed Mg. Co., S. L. City, Utah.
Reed & Gullow, Stemple, Mont.
Reed & Jarvis, Como, Colo.
Reed & Simmons, Cornucopia, Ore.
Rees, Griffiths & Son, Adamsville, Utah.
Reese G. & S. Mg. Co., Rye Patch, Nev.
Reese, T. M., Adamsville, Utah.
Reese & Co., Bodie, Cal.
Reeves, D. A., Panaca, Nev.
Reeves, F. E., Flagstown, N. C.
Reeves, Jos., Happy Camp, Cal.
Reeves, J. W. N., Oldham, N. S.
Reeves, Mrs. M., Happy Camp, Cal.
Refugio M. & M. Co., Ocampo, Mex.
Regan, D., Silver King, Ariz.
Regina Gold Mg. Co., Ltd., London, Eng.
Rehman, T., & Co., Salt Lake City, Utah.
Reid, Henry, Placerville, Idaho.
Reid, Jno. T., Boulder, Colo.
Reid, P. K., Lovelocks, Nev.
Reids & Burns, Prairie City, Ore.
Reil & Woodward, Stella, Cal.
Reiley & Bliss, Copley, Cal.
Reilley, Thos. O., Ravenna, Cal.
Reinhardt, Aug., Kingston, N. M.
Relief Mg. Co., Bellevue, Idaho.
Relief M. & M. Co., Ft. Collins, Colo.
Retreiver Mg. Co., Deadwood, S. D.
Remusat, D., Oriental, Nev.
Rennington, John, Spokane, S. D.
Reno Mg. Co., Denver, Colo.
Renshaw, W. C., Idaho Springs, Colo.
Republic G. Mg. Co., Colo. Spgs., Colo.
Republic M. & M. Co., Hermitage, Ga.
Requa G. & S. M. & M. Co., Canon City, Colo
Rescue Mg. Co., Globe, Ariz.
Resurrection Mg. Co., Leadville, Colo.
Resurrection Mg. Co., Mountain City, Nev.
Retfut, H. W., Butte Valley, Cal.
Rettalieck, J. L. & Co., Ainsworth, B. C.
Revelstoke Mg. Co., Ainsworth, B. C.
Revenge M. & M. Co., Greenwood, Cal.
Revenue Con. G. Mg. Co., Bozeman, Mont.
Revenue G. Mg. Co., Denver, Colo.
Revenue G. Mg. Co., Lead, S. D.
Revenue Tun. Co., Mt. Sneffels, Colo.
Reward G. Mg. Co., San Francisco, Cal.
Rex G. M. & M. Co., Colo. Spgs., Colo.
Rex Mg. Co., Galena, Nev.
Reyland, P. J. C., Sonora, Cal.
Reynolds, Est. of Jno., Idaho Spgs, Colo.
Reynolds, Joe, Nos. 1-2-3 Mg. Co., Green Mountain, Colo.
Reynolds, Thos., Osburn, Idaho.
Reynolds, T. A., Canon City, Colo.
Reynolds & Jacobs, Scott River, Cal.
Rhea, Dr. A. H., Calico, Cal.
Rhine, Nathan, Independence, Cal.
Rhinebold, J. J., Cecilville, Cal.
Rhode Island Mg. Co., Groveland, Cal.
Rialto Mg. Co., Central City, Colo.
Rice, J. F., Colville, Wash.
Rice, Willard, Agua Fria, Ariz.
Rich Hill Placer Co., New York.
Rich, H., Panaca, Nev.
Rich, Thos., Sparta, Ore.
Richard, H., Bayles, Cal.
Richard & Gregory, Placerville, Cal.
Richards, F. H., Ruthburg, Idaho.
Richards, Koch & Estes, Diamond Springs, Cal
Richardson, Chas., Darwin, Cal.
Richardson Gold Mg. Co., Ltd., Isaac's Harbour, N. S.
Richardson, H., Etna, Ore.
Richardson & Camp, Ft. Jones, Cal.
Richmond Con. Mg. Co., Eureka, Nev.
Richmond Dev. & Mg. Co., Vancouver, B.C.
Richmond Mg. Co., Miles City, Mont.
Richmond Mg. Co., Ruby Hill, Nev.
Richmond M. & M. Co., Hillsboro, N. M.
Richter, Frank, Osoyoos, B. C.
Rickard, L. L., McDermitt, Nev.
Rickert, H. E., Chloride, N. M.
Ricketts & Donnellan, Bullion, Nev.
Rico Aspen Cons. Mg. Co., Rico, Colo.
Rico Aspen Mg. Co., Denver, Colo.
Rico Mg. Co., Rico, Colo.
Ridd, C. G., Columbia, Nev.
Riddle Bros., White Rock, Nev.
Rideout, N. J., Oroville, Cal.
Rideout, R. D., Marysville, Cal.
Rider, E., Walker, Cal.
Rider Haggard Mg. Co., Wagon Wheel Gap, Colo.
Rider & Fabricinus, Walker, Cal.
Ridgeway, Jas., Mariposa, Cal.
Ridgeway, J. W., Cripple Creek, Colo.
Riedell, Mark, La Garita, Colo.
Riepe, R. A., Ely, Nev.
Riffe, C. H., Magalia, Cal.
Riggle & McCully, Lardo, Idaho.
Riggs & Campbell, Daggett, Cal.
Rigley & Ricketts, Silverton, Colo.
Riley Mg. Co., Placerville, Idaho.
Riley, Wm., Tecoma, Nev.
Rimbal, Chas., Sumpter, Ore.
Rincon y Anexas, Negociacion Minera del., Mexico, Mex.
Rinderlin, Jas., Twin Lakes, Colo.
Rinehard, Finch & Co., Welcome, Wyo.
Ringold Gold Qtz. Co., Placerville, Cal.
Riordan, J., Sunnyside, Nev.
Ritchie, W. H., Henley, Cal.
Riter, Geo., Boundary Creek, B. C.
Ritter, J. B., Michigan Bar, Cal.
Ritter, W. B., Hesperus, Colo.
Riverdale G. Mg. Co., Union, Ore.
Riverside M. & M. Co., Minneapolis, Minn.
Riverside M. & M. Co., San Fran., Cal.
Riverside Silver Dev. Co., Riverside, Cal.
Roach, Sam'l., Harney, Ore.
Roach, Wm., Lamoille, Nev.
Roaring Fork Mg. Co., Aspen, Colo.
Robbins, Dan., Baker City, Ore.
Robbins-Elkhorn Mg. Co., Baker City, Ore.
Robbins, J. H., Baker City, Ore.
Robbins, T. M., Granite, Ore.
Robt. Emmet Con. Mg. Co., Leadville, Colo.
Robt. E. Lee Mg. Co., Leadville, Colo.
Roberti, P., Willow Creek, Nev.
Roberts, A., Silver City, Utah.
Roberts, Chas., Etna, Cal.
Roberts, Chas., Nacoochee, Ga.
Roberts, E., Sawyers Bar, Cal.
Roberts, E. B., Mona, Utah.
Roberts, E. W., Oakland, Cal.
Roberts, Jas. L., Trout Lake, Colo.
Roberts, Judge, Goleta, Cal.
Roberts, Oliver, Candelaria, Nev.
Roberts, Gen. Oliver, San Francisco, Cal.
Roberts, Stephen, San Francisco, Cal.
Roberts, S. P., Big Pine, Cal.
Roberts, W. H., Marion, N. C.
Roberts & Thomas, Henley, Cal.
Robertson, Alex., Clover Bar, N. W. T.
Robertson, J. A., Canton, Ga.
Robertson, W., Scott River, Cal.
Robertson & Kincaid, York, Mont.
Robinett, G. W., Flag Pond, Va.
Robinson Bar Mg. Co., E. St. Louis, Ill.
Robinson Bros., Greaterville, Ariz.
Robinson Canon Con. P. Mg. Co., Ely, Nev.
Robinson Con. Mg. Co., Leadville, Colo.
Robinson, Edward, Sunnyside, Nev.
Robinson, E. C., Merrimac, Cal.
Robinson, Geo., Mariposa, Cal.
Robinson, Geo. H., Delamar, Nev.
Robinson G. Mg. Co., Baker City, Ore.
Robinson, J., Scott's River, Cal.
Robinson, J. M., Socorro, N. Mex.
Robinson, J. S., Howardsville, Colo.
Robinson, R. C., York, Mont.
Robinson, S. J., Tybo, Nev.
Robinson, S. W., Igo, Cal.
Robinson, Thos. W., Ft. Halleck, Nev.
Robinson & Christman, Pinos Altos, N. M.
Robles G. Mg. Co., Murphys, Cal.
Rocha, J. B., Guanajuato, Mex.
Rock Creek Ditch & Mg. Co., Deer Lodge, Mont
Rock Creek Mg. Co., Baker City, Ore.
Rock Creek Mg. Co., Vernonia, Ore.
Rock Glen Town & Mg. Co., Colo. Springs, Colo
Rock Island G. Mg. Co., Rock Island, Ill.
Rockland Gold M. & M. Co., Isaac's Harbour, N. S.
Rock River Mg. Co., Oroville, Cal.
Rocky Glen Mg. Co., Graniteville, Cal.
Rocky Mountain Mg. Co., Boulder, Mont.
Rocky Mtn. Mg. Co., Central City, Colo.
Rocky Mtn. Mg. & Invest. Co., Colorado Springs, Colo.
Rocky Mtn. M. & M. Co., Black Hawk, Colo
Rocky Peak Mg. Co., Camptonville, Cal.
Rodbrush, H., Greenwood, Cal.
Rodd, Frank, Portland, Colo.
Roddick, W. F., Fresno, Cal.
Rodeen, Chas., Eureka, Nev.
Rodel, Jno., Nederland, Colo.
Rodger Hill & Cherokee Gravel Mg. Co., San Francisco, Cal.
Rodgers, Joseph, Kellogg, Idaho.
Rodgers, Wm., Belmont, Nev.
Roger, Watson & Davis, Michigan Bar, Cal.
Rogers, Henry, Sparta, Ore.
Rogers, M. L., Hornitas, Cal.
Rogers & Copeland, Malheur, Ore.
Roland, Isaac, Ophir, Utah.
Rolfe, Chas, Adamsville, Utah.
Rollins G. & S. M. & M. Co., Rollinsville, Colo
Rollins, Jas. H., Minersville, Utah.
Rollins, O. H., Vernon, Utah.
Rollins, T., Farnham, Colo.
Romaine, M., Coles, Cal.
Rome, S. C., Gold Basin, Ariz.
Romig, J. K., Lagrande, Ore.
Rooker & Lacey, Inskip, Cal.
Roper, J., Weldon, Cal.
Ropes G. & S. Mg. Co., Ishpeming, Mich.
Rosa, August, Hurleton, Cal.
Rose, A. W., Jr., San Francisco, Cal.
Rose Hill G. Mg. Co., San Francisco, Cal.
Rose Mg. Co., Selby, Cal.
Rosedale Mg. Co., San Marcial, N. M.
Rosengarten Bros., Creede, Colo.
Ross, Albert, Baker City, Ore.
Ross, David, Hamilton, Nev.
Ross-Hannibal Mg. Co., Deadwood, S. D.
Ross, H. N., Custer, S. D.
Ross, J. A., Denver, Colo.
Ross, W. C., Pine Grove, Nev.
Ross & Hurd Tun. & Tun. Site Co., Cripple Creek, Colo.
Rossen, R., N. Bloomfield, Cal.
Rowe, Joel, West Point, Cal.
Rowe, J. L., & Co., Sams Valley, Ore.
Rowland & Lacy Petre & Land Co., Los Angeles, Cal.
Rounds, O. P. & Co., Bell Center, Wis.
Routzang, Lee, Hiko, Nev.
Rover G. Mg. Co., Central, Colo.
Roy & Love, Sanger, Ore.
Royal Age G. Mg. Co., Victor, Colo.
Royal Con. Mg. Co., San Francisco, Cal.
Royal G. Mg. Co., Butte, Mont.
Royal G. & S. Mg. Co., Deer Lodge, Mont.
Royal Milling Co., Butte, Mont.
Royal Purple Mg. Co., Joseph, Ore.
Rozecrans Mg. Co., San Francisco, Cal.
Rubicon G. Mg. Co., Colo. Spgs., Colo.
Ruble, Wm., & Ruth, Wolf Creek, Ore.
Ruby Chief Mg. Co., Irwin, Colo.
Ruby Gold Gravel Mg. Co., San F., Cal.
Ruby G. M. & M. Co., Denver, Colo.
Ruby G. & S. Mg. Co., Lead, S. D.
Ruby Hill Tun. & Mg. Co., Eureka, Nev.
Ruby King Mg. Co., Colorado Spgs., Colo.
Ruby Mg. Co., Julian, Cal.
Ruby M. & M. Co., Banner, Cal.
Ruby Mt. M. & M. Co., Ouray, Colo.
Ruby Placer Mg. Co., Anacortes, Wash.
Ruby Wilkes Mg. Co., Deadwood, S. D.
Ruby & Dunderberg Con. Mg. Co., Eureka, Nev.
Ruby & State Creek Placer Mg. Co., Anacortes, Wash.
Ruckelshausen, C., Globe, Ariz.
Rudolph, J. H., Pavonia, Colo.
Ruenberger & Taylor, Boundary C'k., B. C.
Rufino, S., West Point, Cal.
Rubling, Henry, Copley, Cal.
Rul, Miguel, Guanajuato, Mex.
Rule Bros., Weaversville, Cal.
Rulls, John M., Radersburg, Mont.
Rummel, Jas., Kellogg, Idaho.
Rummel & Co., Hornbrook, Cal.
Rundals, J., Hornbrook, Cal.
Runkle, E. E., San Miguel, Colo.
Runnels, Geo., Loomis, Wash.
Runner & Williams, Kelly, N. Mex.
Running Lode M. & M. Co., Denver, Colo.
Runover Q. Mg. Co., Calico, Cal.
Rupe, A. G., Butte Valley, Cal.
Rusk, W. D., Junction, Idaho.
Russ, C. C., Althouse, Ore.
Russell, Earl, Spokane, Wash.
Russell, Fred'k., Panamint, Cal.
Russell, J. A., Kamloops, B. C.
Russell, J. B., Gazelle, Cal.
Russell, J. D., Inyankara, Wyo.
Russell, Nelson, Nalls, N. C.
Russell, W. E., Chandlers Grove, N. C.
Russell, W. S., Comptonville, Cal.
Ruth D. Mg. Co., Colorado Springs, Colo.
Ruth-Esther G. Mg. Co., Colo. Spgs., Colo.
Rutter, R. J., Kellogg, Idaho.
Ryan, George, Eureka, Utah.
Ryan, Jas., Dillon, Colo.
Ryan, Patrick, Salt Lake City, Utah.

GOLD AND SILVER—Continued.

Ryan & Lannon, Hillsboro, N. Mex.....
Rye Valley Placer Co., Rye Valley, Ore...
Ryland, S. V., Angels Camp, Cal.....
Sacramento Dev. Co., El Dorado, Cal.....
Sacramento G. M. & M. Co., Colorado Spgs., Colo .....
Sacramento Mg. Co., Pitkin, Colo.....
Sacramento River G. M. & M. Co., Redding, Cal.....
Saddle Mtn. G. Mg. Co., Colo. Spgs.. Colo..
St. Aubin, W. T., French Gulch, Cal.....
St. Chas. Gravel Mg. Co., Goodyears Bar, Cal .....
St. Charles Q. Mg. Co., Goodyears Bar, Cal.
St. Clair, Geo., Ophir, Utah.....
St. Elmo G. Mg. Co., Rossland, B. C.....
St. George G. Mg. Co., Cleveland, Ga.....
St. Gothard G. Mg. Co., N. Columbia, Cal..
St. Helena Con. G. & S. Mg. Co., Helena, Mont .....
St. Helena Mg. Co., Central, N. M.....
St. James M. & M. Co., Neihart, Mont.....
St. James Mg. & M. P. Co., St. Louis, Mo..
St. Joe Mg. Co., Gold Hill, Colo.....
St. John Mg. Co., Lead, S. D.....
St. John Q. Mg. Co., Grass Valley, Cal.....
St. Johns G. Mg. Co., Grass Valley, Cal....
St. Lawrence Mg. Co., Ophir, Cal.....
St. Louis Col. S. & Mg. Co., St. Louis, Mo..
St. Louis, Mg. Co., Nevada City, Cal.....
St. Louis M. & M. Co., St. Louis, Mo.....
St. Louis M. & M. Co. of Montana, St. Louis, Mo.....
St. Louis & Argenta Mg. Co., St. Louis, Mo.
St. Louis & Cripple Creek Mg. & Tunnel Co., Colorado Springs, Colo.....
St. Louis & Magnolia Mg. Co., Barker, Mont .....
St. Mary Mg. Co., Spokane, Wash.....
St. Paul Mg. Co., Lead, S. D.....
St. Raphael Claim, Granite Creek, B. C...
Sale, W. P., Magnolia, Colo.....
Salinas & Mercer Mg. Co., Sierra City, Cal.
Salisbury Gold Mg. Co., Windsor, N. S.....
Salisbury M. & M. Co., Idaho Springs, Colo.
Salisbury, O. J., Salt Lake City, Utah.....
Salisbury, T., Inskip, Cal.....
Sallee, J. & Co., Shasta, Cal.....
Sallie June Gold Mine, Pierceville, Ga.....
Salmon P. Placer Mg. Co., Salmon, Idaho..
Salstrom, Jonas, Orleans, Cal.....
Salt Lick Mg. Co., Breckenridge, Colo.....
Salvator Mg. Co., Buena Vista, Colo.....
Salvator Mg. Co., Belmont, Nev.....
Sample, S. B., Coulterville, Cal.....
Sampson, Chas., Genesee, Idaho.....
Sampson Mining Co., S. L. City, Utah.....
San Bernardino G. Mg. Co., Colo. Springs, Colo .....
San Bernardo S. M., Ltd., Trout Lake, Colo .....
San Carlos, Guanajuato, Mex.....
San Diego Imp. Co., San Diego, Cal.....
San Francisco G. Mg. Co., Coulterville, Cal.
San Guiseppe Mg. Co., Sonora, Cal.....
San Jacinto Est. Mg. Co., Temescal, Cal....
San Jose Chorreadero Mg. Co., Matzhuala, Mex .....
San Jose Gravel Mg. Co., San Jose, Cal....
San Juan Gardner G. Mg. Co., Denver, Colo .....
San Juan Mg. Co., Central City, Colo.....
San Juan Mg. Co., San Francisco, Cal.....
San Juan Mg. Co., San Juan L. Cal., Mex..
San Juan M. & M. Co., New York.....
San Juan y San Domingo, Villa de Etzatlan, Mex.....
San Luis (a) El Moral, Mexico, Mex.....
San Martini Mg. Co., Missoula, Mont.....
San Miguel Con. G. Mg. Co., Telluride, Colo .....
San Miguel Hyd. Mg. Co., Placerville, Colo.
San Miguel Mining Co., Maroma, Mex.....
San Miguel Mining Co., Matehuala, Mex...
San Pedro G. Mg. Co., San Pedro, N. Mex..
San Pedro Mg. M. & P. Co., Akron, Ohio..
San Pedro & Canon Del Aqua Mg. Co., Cerrillos, N. Mex.....
San Rafael y Anexas de Guadalcazar, Guadalcazar, Mex.....
San Rafael y Anexa, Pachuca, Mex.....
San Rafael y Anexas, San Lui Potosi, Mex.
San Vicenti Mg. Co., San Francisco, Cal...
Sanabria Jose Ma., San Geronimo Tabiche, Mex .....
Sanborn, A. L., Sodaville, Nev.....
Sanborn, I. O., Paonia, Colo.....
Sanchez, Ambrocio, Juan Tafoya, N. Mex..
Sanchez, E., Candelaria, Nev.....
Sanchez & Robera, Panasco, N. Mex.....
Sandberg, Nelson, Silver City, Utah.....
Sanders, E., Bayles, Cal.....
Sanders, Jos., Clayton, Idaho.....
Sanders, W. A., Caribou, N. S.....
Sanderson, J. S., La Garita, Colo.....
Sanderson, T. H., Sargents, Colo.....
Sandia Mg. & S. Co., Albuquerque, N. Mex.
Sands, Jacob, & Co., Ashcroft, Colo.....
Sanford, C. B., Garner, Idaho.....
Sanford, O. D., Fairview, B. C.....
Sanford & Co., Fairview, B. C.....
Sangre De Cristo Tun. Mg. Co., Cripple Creek, Colo.....
Sanguenette, Luke, Vallecito, Cal.....
San Juan, Negociacion Minera de., Quebradilla, Mex.....
Sansert & Windheim, Caliente, Cal.....
Santa Eduviges Mg. Co., Ocamapo, Mex...
Santa Fe Copper Co., Golden, N. Mex.....
Santa Fe G. Mg. Co., Colo. Spgs., Colo.....
Santa Fe Placer Mg. Co., Santa Fe, N. M..
Santa Juliana Mg. & M. Co., Ocamapo, Mex .....
Santa la Saria Mg. Co., Caribou, Colo.....
Santa Teresa Cia. Minera de., Monterey, Mex .....
Santa Zabel G. Mg. Co., Sonora, Cal.....
Sapphire & Ruby Co. of Mont., Ltd., Helena, Mont.....
Saratoga Mancos G. Mg. Co., Mancos, Colo.
Saratoga Mg. Co., Central City, Colo.....
Saratoga & Cyclops G. & S. Mg. Co., Central City, Colo.....
Sargent, A. W., Garfield, Wash.....
Sargent Bros., Oro Fino, Cal.....
Sarlich, Geo., Silver King, Ariz.....
Satum Mg. Co., Salt Lake City, Utah.....
Sauk River Mg. Co., Richmond, Minn.....
Saunders, J., Greaterville, Ariz.....
Saunders, Wm. C., Woodland Park, Colo..
Savage Mg. Co., Great Falls, Mont.....
Savage Mg. Co., San Francisco, Cal.....
Savage Mg. Co., Virginia City, Nev.....
Savage & Boyd, Birdsview, Wash.....
Savanah G. Mg. Co., Colo. Spgs, Colo.....
Savercool Bros., Butte Valley, Cal.....
Savorum Mg. Co., Orleans, Cal.....
Sawmill Flat Co., Lillooet, B. C.....
Sawnee Mountain Mg. Co., Cumming, Ga..
Sawtelle, E. W., Marysville, Cal.....
Sawtooth M. & M. Co., Sawtooth, Idaho....
Saxild, J., Gottville, Cal.....
Saxon, C. D., Vernon, Utah.....
Saxton, Geo., Garner, Idaho.....
Sayers, Andy, Bridgeport, Cal.....
Sayre, A. P., Sweetwater, Nev.....
Scamman, H., Downieville, Cal.....
Scandinavian Mg. Co., Marble, Colo.....
Scanlon, M., Gold Basin, Ariz.....
Schaefer, Henry, Gold Basin, Ariz.....
Schapparell Mg. Co., Banner, Cal.....
Scheers & Kadell, Princeton, Mont.....
Schepuster, C. H., Loomis, Wash.....
Schlawig, J. J., Lead, S. D.....
Schlosser, Dr., Haydenhill, Cal.....
Schmidt & Bender, Rye Patch, Nev.....
Schmidt & Klock, White Plains, Nev.....
Schoats, D., Austin, Ore.....
Schoeder Mg. Co., Rocky Bar, Idaho.....
Schofield, James, Boundary Creek, B. C....
Schoofield, W. J., Rosita, Colo.....
Schreiner Mg. Co., Las Cruces, N. Mex....
Schrimp, A., Murphy, Ore.....
Schroeder, Henry, Gold Hill, N. Mex.....
Schroeder, J. H. C., Yreka, Cal.....
Schroeder & Werner, Ft. Jones, Cal.....
Schuable, Adolph, Newcastle, Cal.....
Schuable, Dr. M., Newcastle, Cal.....
Schuable & Co., Newcastle, Cal.....
Schultz, H. K., Myrtle Creek, Ore.....
Schulze C., Coloma, Cal.....
Schulze & Patrick, Coloma, Cal.....
Schuttis, J. L., Genesee, Idaho.....
Scorpion Mg. Co., San Francisco, Cal.....
Scotia G. Mg. Co., Denver, Colo.....
Scotia Mg. Co., Deadwood, S. D.....
Scotia M. & M. Co., Colo. Spgs., Colo.....
Scott, Dowe & Co., Soulsbyville, Cal.....
Scott, Fred., Greenville, Cal.....
Scott Hyd. Mg. Co., Yale, B. C.....
Scott, Ira A., Silverton, Colo.....
Scott & Baalman, Kingston, Utah.....
Scott & Hardt, Bridgeport, Ore.....
Scranton, J., Shasta, Cal.....
Scum Scum Mg. Co., Lillooet, B. C.....
Seabury Calkins Mg. Co., Deadwood, S. D..
Seagle, G., Chinese Camp, Cal.....
Searle Placer Mg. Co., Leadville, Colo.....
Sears, Lemuel, Ophir, Colo.....
Seaton, Alex., Dumont, Colo.....
Seaton, G. W., Teanaway, Wash.....
Seaton Mg. Co., Idaho Springs, Colo.....
Seattle Placer Mg. Co., Seattle, Wash.....
Sebastian, F., Klamath Bluff, Cal.....
Second to None Mg. Co., Provo City, Utah.
Security G. Mg. Co., Stevens Point, Wis..
See & Jolly, Merrimac, Cal.....
Seeley Mg. Co., Magnolia, Colo.....
Sefton & Sloan, La Veta, Colo.....
Seguin, Claude, Rye Valley, Ore.....
Seiffort, N., San Andreas, Cal.....
Seligman Bros., San Francisco, Cal.....
Sellier & Sons, Bath, Cal.....
Selvia, Anton, Quartzburg, Idaho.....
Senator Mg. Co., Prescott, Ariz.....
Seneca Cons. Co., Eureka, Utah.....
Seneca Mg. Co., Pueblo, Colo.....
Sener, Jno., Seiad Valley, Cal.....
Sentinel G. Mg. Co., Cripple Creek, Colo...
Serpent M. & M. Co., Osceola, Nev.....
Service, David, Hiko, Nev.....
Serviss, T. W., Hurleton, Cal.....
Settlengre, Cyrus, Brindletown, N. C.....
Seven Hills G. Mg. Co., Cripple Crk., Colo.
7 Mile M. & M. Co., Ft. Collins, Colo.....
76 Mine, Telluride, Colo.....
Sevier Gold M. & M. Co., S. L. City, Utah.
Sexton, John, Arivaca, Ariz.....
Sexton, Wiley, Grizzly Flats, Cal.....
Seybold, Gilbert L., Descanso, Cal.....
Shafer, Ed., La Veta, Colo.....
Shafer, J. H., Monticello, Utah.....
Shakespeare M. & M. Co., San F., Cal.....
Shamrock Mg. Co., Grass Valley, Cal.....
Shanessy, Simon, Clinton, Mont.....
Sharp, D., Vernon, Utah.....
Sharp, F. P., Willow Creek, Nev.....
Sharp, J., Vernon, Utah.....
Sharp, Jos., Hiko, Nev.....
Sharp, L., White River, Nev.....
Sharp Mg. Co., San Francisco, Cal.....
Sharp, T. C., Boca, Cal.....
Sharp, W. H., Hiko, Nev.....
Sharpe, Thos. C., Sweetwater, Nev.....
Sharpneck & Kline, Loomis, Wash.....
Sharwood, W., Soulsbyville, Cal.....
Shasta Mg., M. & Pros. Co., Colo. Springs, Colo .....
Shatto & Alexander, Tildon, Wash.....
Shaunnesser, Michael, S. L. City, Utah....
Shaw, Ben, Boundary Creek, B. C.....
Shaw, Carl, Sawyers Bar, Cal.....
Shaw, J. H., La Garita, Colo.....
Shaw, Wm. P., San Francisco, Cal.....
Shea, Jerry, Perris, Cal.....
Shear, Byron E., Denver, Colo.....
Shearer, W. G., Barry, Colo.....
Shearer & Howell, Prairie City, Ore.....
Shearer & Stofiel, Stofiel, Nev.....
Sheba Queen Mg. Co., Denver, Colo.....
Shebandowan Mg. Co., Toronto, Ont.....
Shedd & Scott, Lewiston, Cal.....
Sheehan, Daniel, Clayton, Idaho.....
Sheehan, Geo., & Co., Fairview, B. C.....
Sheehan, Jno., Sweetwater, Nev.....
Sheehan, W. B., Midas, Nev.....
Sheehan & Gwatkins, Fairview, B. C.....
Sheek, Jas. G., Hesperus, Colo.....
Sheek, J. S., Hesperus, Colo.....
Sheep Mt. Tun. & Mg. Co., Aspen, Colo....
Sheep Rock Mg. Co., S. L. City, Utah.....
Sheffield Mg. Co., Sawyers Bar, Cal.....
Sheldon, Thos., Fairplay, Colo.....
Shelenberg, S. A., Lake Valley, N. M.....
Shell, W., Ft. Jones, Cal.....
Shelly G. Mg. Co., Buford, Ga.....
Shelton, P. F., Basham, Va.....
Shenandoah G. Mg. Co., Oakland, Cal.....
Shenandoah Mg. & Dev. Co., Oakland, Cal.
Shenandoah M. & M. Co., San Diego, Cal.
Shepperd Bros., Fresno, Cal.....
Shepperd, W. A., Fresno, Cal.....
Sherbine, D., Lake City, Colo.....
Sherbrooke G. Mg. Co., Goldenville, N. S..
Sheridan Con. M. & M. Co., Telluride, Colo .....
Sheriden Bros., Junction City, Cal.....
Sherman, C. E., Mineral Park, Ariz.....
Sherman & Jacobs, Salt Lake City, Utah..
Shermire, H., Michigan Bluff, Cal.....
Sherriff, J. & Co., S. L. City, Utah.....
Sherwin Mg. Co., Leadville, Colo.....
Sherwood, I. N. & Co., Ft. Halleck, Nev...
Sherwood & Son, Empire, Colo.....
Shewsberry, A., Willow Creek, Nev.....
Shey, Jerry, Perris, Cal.....
Shields, Dr., & Co., Baker City, Ore.....
Shields, P. & Co., Michigan Bluff, Cal.....
Shimer, Jas., Coulterville, Cal.....
Shiner Bros., Seiad Valley, Cal.....
Shipey Bros., Caliente, Cal.....

Shipley, B., Magalia, Cal.....
Shipley, R., Magalia, Cal.....
Shipman Gold Mg. & Mfg. Co., Detroit, Mich .....
Shipsey Bros., Agua Caliente, Cal.....
Shorbes, Brunt & Co., Scott River, Cal....
Shorn, S., Moose Landing, N. S.....
Short, W. F., Callahan, Cal.....
Shoshone Mg. Co., Wardner, Idaho.....
Shott & Jordan, Whitehall, Mont.....
Shriver, S., Union, Ore.....
Shuley & Webber, Prescott, Ariz.....
Shultz, Dave, Granite, Ore.....
Shultz, S. B., Sugar Loaf, Colo.....
Shultz, Thos., Henley, Cal.....
Shulz, Otto, Carson City, Nev.....
Shuman Weachu Mine Co., Ltd., Silver Mountain, Ont.....
Shumak, Jno., Glenwood Springs, Colo.....
Shumway Bros., Forks of Salmon, Cal.....
Shurtloff Mg. Co., Cripple Creek, Colo.....
Shutz Bros., Cooks, N. Mex.....
Shutze, Prof., Douglas, Alaska.....
Sickles & Tanish, Wasatch, Utah.....
Sidenwinder Mg. Co., Victor, Cal.....
Sidley, R. G., Sidley, B. C.....
Sierra Antonio, Apatzingan, Mex.....
Sierra Butte G. Mg. Co., Sierra City, Cal..
Sierra Leon G. Mg. Co., San F., Cal.....
Sierra Mg. Co., Mullan, Idaho.....
Sierra Nev. Mg. Co., Virginia City, Nev...
Sierra Nevada Mg. Co., Wardner, Idaho....
Sierra Nevada S. Mg. Co., San F., Cal.....
Sierth & Engel, Keystone, S. D.....
Sightman, Geo., Cecilville, Cal.....
Silent Friend Mg. Co., Denver, Colo.....
Silsby, Eli, Ophir, Colo.....
Silsley & Hughes, Hornbrook, Cal.....
Silver Bar M. & M. Co., S. L. City, Utah..
Silver Bay Mine, Sitka, Alaska.....
Silver Bell Mg. Co., Missoula, Mont.....
Silver Bell Mg. Co., Telluride, Colo.....
Silver Belt Mg. Co., Albuquerque, N. M...
Silver Bow Basin Mg. Co., Juneau, Alaska.
Silver Brick Mg. Co., Silver Crown, Wyo..
Silver Center Mg. Co. of Ont., Toronto, Ont.
Silver Chief Mg. Co., Strange, Ont.....
Silver Chord Mg. Co., Mineral Point, Colo.
Silver City G. & S. Mg. Co., Salt Lake City, Utah.....
Silver Cliff Mg. Co., Silver Cliff, Colo.....
Silver Cord Comb. Mg. Co., Leadville, Colo.
Silver Creek Mg. Co., Snohomish, Wash...
Silver Galena Mg. Co., Missoula, Mont....
Silver Gem Mg. Co., Alma, Colo.....
Silver Girt Mg. Co., Kansas City, Mo.....
Silver Hill Mg. Co., Gold Hill, Nev.....
Silver Hill Mg. Co., San Francisco, Cal....
Silver Hill Mg. Co., Silver Hill, Ark.....
Silver Hill Mg. Co., Silver Hill, N. C.....
Silver Horn Mg. Co., Neihart, Mont.....
Silver Islet M. & M. Co. Chicago.....
Silver Key Mg. Co., Ltd., New Denver, B. C.....
Silver King Mg. Co., Calico, Cal.....
Silver King M. & M. Co., Philadelphia, Pa.
Silver King Mg. Co., S. L. City, Utah.....
Silver King Mg. Co., San Francisco, Cal...
Silver Lake Mg. Co., Duluth, Minn.....
Silver Lead Mg. & Inv. Co., Victor, Colo...
Silver Ledge Mg. Co., Idaho Springs, Colo.
Silver Ledge Syn. Mg. Co., Red Mtn., Colo.
Silver Lode M. & M. Co., S. L. City, Utah.
Silver Metal Co., New York.....
Silver Mg. Co. of Lake Valley, Lake Valley, N. Mex.....
Silver Monument M. & M. Co., Kansas City, Mo.....
Silver Mountain Co., Port Arthur, Ont.....
Silver Mt. M. & M. Co., La Veta, Colo.....
Silver Pass Mg. Co., Cleburne, Tex.....
Silver Plume Con. Mg. Co., Lincoln, Neb..
Silver Queen Mg. Co., Arivaca, Ariz.....
Silver Queen Mg. Co., Deadwood, S. D.....
Silver Queen Mg. Co., Juneau, Alaska.....
Silver Queen Mg. Co., Victoria, B. C.....
Silver Reef Mg. Co., Deadwood, S. D.....
Silver Spar M. & M. Co., Silver City, Utah.
Silver State M. & M. Co., Colo. Spgs., Colo.
Silver Twig Mg. Co., Cooney, N. M.....
Silver Valley Mg. Co., Baltimore, Md.....
Silver Wing Mg. Co., Silverton, Colo.....
Silverado Mg. Co., Callistoga, Cal.....
Silverine G. Mg. Co., Ltd., Spokane, Wash.
Silverine Mg. Co., Spokane, Wash.....
Silverside Mg. Co., Beowawe, Nev.....
Silverton Deep Mg. & Tun. Co., Silverton, Colo .....
Silverton Mg. Co., Silverton, Colo.....
Similkameen Gold Gravel Exp. Mg. Co., Vancouver, B. C.....
Similkameen G. & Plat. Mg. Co., Vancouver, B. C.....
Simmers, G. T. & Co., Baker City, Ore.....
Simmons, Ben, Banner, Cal.....
Simmons, Geo., Hawkinsville, Cal.....
Simmons, Geo., Waldo, Ore.....
Simon, Gust., Hamilton, Nev.....
Simons, Arthur, Scott River, Cal.....
Simonton, Geo. E., Red Cliff, Colo.....
Simpers, G. W., Greenwood, Cal.....
Simpson Bros., Neihart, Mont.....
Simpson, Geo., Oakley, Idaho.....
Simpson River S. & G. Mg. Co., Hornet, N. C.....
Simpson & Thornton, Basin, Idaho.....
Sinclair, A. J., White Rock, Nev.....
Sinclair, A. P., Columbia, Nev.....
Sinclair Bros., Kellogg, Idaho.....
Sinner, Christian, Oriental, Nev.....
Sinter, Stephen, Whites, Mont.....
Sioux Cons. Mg. Co., Provo City, Utah.....
Siri, Jas., Hamilton, Nev.....
Siskiyou G. Mg. Co., Tacoma, Wash.....
Siskiyou Hydraulic Co., Happy Camp, Cal.
Sisley Bros., Weatherby, Ore.....
Sisley, L. J., Connor Creek, Ore.....
Sisley, Leitner & Co., Weatherby, Ore.....
Sivoid, George, Canon City, Colo.....
Siwash Creek Bed Rock Flume Co., Vancouver, B. C.....
Siwash Creek Gold Mg. Co., Vancouver, B. C.....
Six Brothers Mg. Co., Black Hawk, Colo..
Six Mile Placer Co., Livingston, Mont.....
16 to 1 M. & M. Co., Bozeman, Mont.....
Skaggs, R. E. & Co., Lamoille, Nev.....
Skagit Valley Mg. Co., Mt. Vernon, Wash..
Skillicon, Wm., Pinos Altos, N. M.....
Skinner, A. J., Weldon, Cal.....
Skynner, W. J., Toronto, Ont.....
Slagle, D., Waldo, Ore.....
Slater, E. W., Enterprise, Cal.....
Sleepy Hollow Mg. Co., Denver, Colo.....
Slide Mg. Co., Ouray, Colo.....
Slide Quartz Mg. Co., French Corral, Cal..
Sliver G. Mg. Co., Colo. Spgs., Colo.....
Sloan, Jas., White Cross, Colo.....
Sloan & Haskell, Susanville, Ore.....
Sloan & Sons, Vallecito, Cal.....
Sloane, H., Susanville, Ore.....
Slocan Milling Co., New Denver, B. C.....
Slocan Surprise Mg. Co., Three Forks, B.C.
Slocum, C. C., Magalia, Cal.....
Slough Creek Mg. Co., Barkerville, B. C..
Slough Creek Mining Co. (Ltd.), Barkerville, B. C. .....
Slough Creek Mg. Co., Tacoma, Wash.....
Slumbering Bonanza Mg. Co., Deadwood, S. D.....
Small Hopes Con. Mg. Co., New York.....
Smart, Jno., Grand Lake, Colo.....
Smith, A. G., Henley, Cal.....
Smith Bros., Susanville, Ore.....
Smith Bros., Washoe City, Nev.....
Smith, B. W., Beaumont, Cal.....
Smith, Chas., Berdan, Cal.....
Smith, Clay and Housman, Nevada City, Cal .....
Smith Creek Mg. Co., Revelstoke, B. C..
Smith, C. W., Weaversville, Cal.....
Smith, D. L., Dedrick, Cal.....
Smith, E., White River, Nev.....
Smith, Edwin, Placerville, Idaho.....
Smith, Geo., Orondo, Wash.....
Smith, Geo. W., Callahan, Cal.....
Smith, H., Callahan, Cal.....
Smith, Hank, Clayton, Idaho.....
Smith, Henry, Middle Stewlacke, N. S.....
Smith, H. F. & Co., Loomis, Wash.....
Smith, J., Callahan, Cal.....
Smith, J. B., Orondo, Wash.....
Smith, Jno. H., Woodland Park, Colo.....
Smith, J. H. B., Cherry, Ariz.....
Smith, J. J. & Co., Black Bear, Cal.....
Smith, J. T., Lawson Mine, N. S.....
Smith, J. Wells, Boulder, Colo.....
Smith, J. W., Dumont, Colo.....
Smith, Capt. J. W., Oakland, Cal.....
Smith, M., Happy Camp, Cal.....
Smith, N. H., Ft. Jones, Cal.....
Smith, Capt. Oliver, San Francisco, Cal....
Smith, P. B., Steins Pass, N. Mex.....
Smith, Stephen, Mineral Park, Ariz.....
Smith, S., Quartzburg, Idaho.....
Smith, Wm., Baker City, Ore.....
Smith, W. H., Henley, Cal.....
Smith, W. T., Boundary Creek, B. C.....
Smith, Zach., Malheur, Ore.....
Smith & Fulwerler, Auburn, Cal.....
Smith & Marion, Sawyers Bar, Cal.....
Smith & Mitchell, Boundary Creek, B. C..
Smith & Mitchell, Hillsboro, N. M.....
Smith & Moore, Basin, Mont.....
Smith & Roberts, Willow Creek, Nev.....
Smith & Watson, Eaton, Colo.....
Smith & Watson, Organ, N. M.....
Smobersteg, D., Palisade, Nev.....
Smuggler Cons. Mg. Co., Leadville, Colo..
Smuggler Union Mg. Co., Leadville, Colo..
Smultz Bros., Fresno, Cal.....
Smythe, Chas., Angels Camp, Cal.....
Snavly, R. M., Denver, Colo.....
Snechal & Richard, Grass Valley, Cal.....
Sneed, Jas. A., Marysville, Cal.....
Snelson, Wm. H., Nederland, Colo.....
Sniffen, J. S., Socorro, N. Mex.....
Snow, Alva E., Fresno, Cal.....
Snow, M. P., Coleville, Cal.....
Snow, Zera, Portland, Ore.....
Snow Creek Mining & Townsite Co., Great Falls, Mont. .....
Snow Drift Mining Co., Georgetown, Colo..
Snowden Mining Co., Van Winkle, B. C..
Snowden Tunnel & Mining Co., Milwaukee, Wis. .....
Snow Shoe Mining Co., Libby, Mont.....
Snowshoe Mg. Co., Boundary Falls, B. C..
Snowy Range Mining Co., Empire, Colo..
Snowy Range Placer M. & M. Co., Laramie, Wyo. .....
Snyder Bros., Gold Hill, N. Mex.....
Societe Anonyme des Mines de Lexington, Walkerville, Mont. .....
Societe Anonyme des Mines de Golden River, Damascus, Cal. .....
Societe Anonyme des Mines de Lexington, Salt Lake City, Utah.....
Society General Belgian Co., Port Arthur, Ont. .....
Soersen, L. H. E., Nederland, Colo.....
Soldiering, A., Bodie, Cal.....
Soledad y Anexa, La., Oaxaca, Mex.....
Solid Silver Mg. Co., Melville, Mont.....
Solitaire Mining Co., Aspen, Colo.....
Solomon Mining Co., Creede, Colo.....
Sommer & Wing, Weiser, Idaho.....
Somerset Mining Co., Denver, Colo.....
Sonea, Jos., Fifteen Mile Stream, N. S....
Sonora Ex. Mg. Co., San Francisco, Cal..
Sophia Lode Mining Co., Helena, Mont.....
Sorrells, A. R., Whiteriver, Cal.....
Sorsolie, Jack, Butte Valley, Cal.....
Sotamayos y Huos., Augangueo, Mex.....
Sothern, Alf., De Lamar, Idaho.....
Soto, Victor, Apatzingan, Mex.....
Soulsby, Thos., Soulsbyville, Cal.....
Soulsbyville Mining Co., Soulsbyville, Cal.
Sound Democrat Mg. Co., Durango, Colo..
Souser, A., Caliente, Cal.....
South African Gen'l Exp. & Mining Co., Belleville, Ont. .....
South Carolina Mg. Co., Angels Camp, Cal.
South Cross Gold Mining Co., Butte, Mont.
South Dakota Mining Co., New York.....
South Eureka Mining Co., Jackson, Cal..
South Feather Water & Union Mining Co., San Francisco, Cal. .....
South Fork Hydraulic Mining Co., Quesnelle Forks, B. C.....
South Fork Con. Mg. Co., S. L. City, Utah.
South Fork G. Mg. Co., Forest City, Cal..
South Fork Mining Co., Kalispell, Mont...
South Galena Mining Co., Bingham Canyon, Utah .....
South Idaho Con. Gold Mining Co., Grass Valley, Cal.....
South Palomo G. Mg. Co., San F., Cal...
South Park Mining Co., Rico, Colo.....
South Peacock Mining Co., Boston, Mass..
South Spring Hill Gold Mining Co., Amador City, Cal. .....
South Swansea Mg. Co., Silver City, Utah.
South Wales Hyd. Co., Grouse Creek, B. C.
South Wales Lease Co., Van Winkle, B. C.
South Yuba & Canal Mining Co., You Bet, Cal. .....
Southern Gold & Copper Co., Phila., Pa...
Southern Nev. G. & S. Mg. Co., San F., Cal.
Southwestern Mining Co., El Dorado Canyon, Nev. .....
Sowles, H. H., Silver City, Utah.....
Spangler, C., Yreka, Cal. .....
Spanish Gold Mg. Co., Washington, Cal..
Spanish M. & M. Co., Bingham, Utah.....
Spanish R. Mg. Co., Spearfish, S. D.....
Spar Mining Co., Crestone, Colo.....
Sparks, Jno., Igo, Cal.....
Spears, R. C., Inyo, Cal.....
Specimen Gold M. & M. Co., Colorado Springs, Colo. .....
Speck & Ruspier, Haworth, Colo.....
Spellman, Mott & Haskell, Stella, Cal....

GOLD AND SILVER—Continued.

Spence, C. M., Sprucemont, Nev.....
Spencer, J. E., Grubguich, Cal.....
Spencer, J. W., Yankee Hill, Cal.....
Sperling, C. H., Socorro, N. Mex.....
Spidman, D., Woodland Park, Colo.....
Spokane Hyd. & Mg. Co., Spokane, Wash.
Spokane Mining Co., Hermosa, S. D.....
Spokane Ore Co., Spokane, Wash.....
Spokane & Great Northern Mining Co., Spokane, Wash. .....
Spokane & Reed, Cornucopia, Ore.....
Spot Cash Mining Co., Leadville, Colo...
Sprague, C. M., et al., Boston, Mass.....
Spring Creek Mg. Co., Colo. Spgs., Colo.
Spring Gulch Co., Stella, Cal.....
Spring Gulch Gold Mining Co., Idaho Springs, Colo. .....
Spring Mine Mg. Co., Pioche, Nev.....
Springdale G. Mining Co., Denver, Colo...
Springer, G. D., Bridgeport, Ore.....
Springer, W., La Veta, Colo.....
Springer & Johnson, Grizzly Flats, Cal..
Spruce, C. M., Sprucemont, Nev.....
Spruce Gulch Mining Co., Deadwood, S. D.
Spur Daisy Mining Co., Denver, Colo.....
Squaw Mountain Tunnel Gold Mining & Drainage Co., Cripple Creek, Colo. ...
Squire, J. N., Spokane, Wash.....
Stack, R., Loring, Alaska.....
Staggs, Quaintance & McDermott, Twin Lakes, Colo. .....
Standard Cons. Mining Co., Bodie, Cal....
Standard G. Mg. Co., Hillsboro, N. Mex..
Standard Gold M. & M. Co., Minneapolis, Minn. .....
Standard G. & S. Mg. Co., San F., Cal...
Standard Mining Co., Helena, Mont.....
Standard Mining Co., Wallace, Idaho.....
Standard Mining & Land Co., Colorado Springs, Colo. .....
Standart, Chas., Greenville, Cal. .....
Standart & McGill, Greenville, Cal.....
Standby Quartz Mill, Rockford, S. D.....
Standing Elk Co., Bullion, Nev.....
Standinger, Al., Inyo, Cal.....
Standinger & Clark, Mill City, Nev.....
Standish, M., Lake Valley, N. Mex.....
Stanford G. Mg. Co., Nevada City, Cal..
Stanley Co., Goldenville, N. S.....
Stanley, H. H., Pinos Altos, N. Mex.....
Stanley, H. M., Bigoak Flat, Cal.....
Stanley Mg. Co., Idaho Spgs., Colo.....
Stanley, W. C., Forest Home, Cal.....
Stanley, W. P., Placerville, Cal.....
Stanly & Howell, Woodville, Ore.....
Stanton, A. E., Black Hawk, Colo. .....
Stanton, T. J., San Francisco, Cal.....
Staples, T., Graniteville, Cal.....
Staplin, O. D., La Veta, Colo.....
Star Gold Mine, Jersey Mills, Que.....
Star Gold Mines, Ottawa, Ont.....
Star Grove Mining Co., Lewis, Nev.....
Star M. & M. Co., Sonora, Cal.....
Star of Hope Mining Co., Leadville, Colo..
Star of the West M. & M. Co., Colorado Springs, Colo. .....
Starborough, Jas., Lonepine, Cal.....
Starlight Mining Co., El Dorado, Cal.....
Starne, Maurice, Leadville, Colo.....
Starr Bros., Mona, Utah.....
Starr, D., Oro Fino, Cal.....
Starr & Reed, Juneau, Alaska .....
State Ledge Mg. Co., Grass Valley, Cal..
Statesman Mining Co., Aspen, Colo.....
Stauber, John, Revelstoke, B. C.....
Staver, J. A., Ketchum, Idaho.....
Stayton, R., O'Neals, Cal.....
Steadman, W. E., Daggett, Cal.....
Stebbins, H. C., Melrose, Mont.....
Stebbins, P. M., Calico, Cal.....
Stebbins, Tracy N., Havilah, Cal.....
Stebbins & Darraugh, Belmont, Nev.....
Steel, H. C., Perris, Cal.....
Steele, A. W., Mullan, Idaho.....
Steele, John C., San Francisco, Cal.....
Steele, T. H., Brownsville, Cal.....
Steele, Thos. W., Greaterville, Ariz.....
Steele, W. E., Placerville, Colo.....
Steelman & Hays Co., Sierra City, Cal.....
Steen, F. & Co., Cornucopia, Ore.....
Steeple Rock Mg. Co., Carlisle, N. Mex....
Steeple Rock Mg. Co., Silver City, N. Mex.
Stegall, F., Arivaca, Ariz.....
Steinbeck, Jas., White Cross, Colo.....
Steins Pass Mining & Red. Co., Deming, N. Mex. .....
Stella Mining Co., Cornucopia, Ore.....
Stellarton G. Mg. Co., New Glasgow, N. S.
Stem Winder Mg. Co., Boundary Falls, B.C.
Stem Winder Mining Co., Portland, Ore..
Stenger, Lewis, Yale, B. C.....
Stenshaw, Samuel, Cottage Grove, Cal.....
Stephens, H. S., Tucson, Ariz.....
Stephens, John, Waverly, N. S.....
Stephens Mining Co., Rico, Colo.....
Stephens, Phil., Dumont, Colo.....
Stephenson-Bennett Con. Mining Co., Las Cruces, N. Mex.....
Sterling G. Mg. Co., Salt Lake City, Utah.
Sterling, Jas., Gold Hill, N. Mex.....
Sterling, Jas., Hornbrook, Cal.....
Sterling Mining Co., Belmont, Nev.....
Sterling Mining Co., Jacksonville, Ore...
Sterling Mining Co., San Francisco, Cal..
Stevenot, E. K., Sonoma, Cal.....
Stevens, Alex., Albuquerque, N. Mex....
Stevens Bros., Ogden, Utah.....
Stevens, John, Fairview, B. C.....
Stevens, John, Marion, N. C.....
Stevens, Jo., Etna Mills, Cal.....
Stevens, J. H., Track Rock, Ga.....
Stevens, Robt., Copley, Cal.....
Stevens, S. A., York, Mont.....
Stevens & Gwatkins, Fairview, B. C....
Stevenson, E. D., Graniteville, Cal.....
Stevenson, Ed. J., Rollinsville, Colo.....
Stevenson Gold & Platinum Hydraulic Mining Co., Vancouver, B. C.....
Stevenson Gold & Platinum Hydraulic Mining Co., Granite Creek, B. C.....
Stewart, Anderson & Co., Qriental, Nev....
Stewart, Childs & Co., Hope, Idaho.....
Stewart, Marvin, Paonia, Colo.....
Stewart Mine & Mill Co., Sitka, Alaska..
Stiles, E. G., Chicago, Ill.....
Stillaquamish & Sultan Mining Co., Seattle, Wash. .....
Stiller, Chas., White Sulphur Spgs., Mont.
Stillwagon M. & M. Co., Ono, Cal.....
Stillwater Mining Co., Minneapolis, Minn..
Stimson, F. D., De Lamar, Idaho.....
Stionash & Mass, Rock Creek, B. C.....
Stock & Allen, Pony, Mont.....
Stockton Con. Mining Co., Stockton, Cal..
Stoddard Group Mg. Co., Gold Hill, Nev..
Stolber, Edw. G., Silverton, Colo.....
Stone, Jno. A,, Twin Lakes, Colo.....
Stone, Trimlow & Co., Stege, Cal.....
Stone & Taylor, Concord, Cal.....
Storch & Ashby, Candelaria, Nev.....
Storer, J. H., Roseberry, Idaho.....
Storey, Geo., Bishop, Cal.....
Stormont Mining Co., Philadelphia, Pa...
Stormy Petrel G. Mg. Co., Denver, Colo...
Story, A. M., Hillsboro, N. Mex.....
Stotz, Jacob, Salmon Falls, Idaho.....
Stout, G. W., Yankee Hill, Cal.....
Stover, W. M., Los Angeles, Cal.....
Stow, Est. of, W. W., Forbestown, Cal..
Stowe, H., Forbestown, Cal.....
Stowell, C., Magnolia, Colo.....
Stowell, J. H., Copley, Cal.....
Straight Lake Mining Co., Toronto, Ont..
Strathan, J. W., Hildreth, Cal.....
Strathyre Mining Co., Fairview, B. C....
Stratton, W. P., Cripple Creek, Colo....
Straub Mtn. G. Mg. Co., Denver, Colo....
Strehlow, August, Rosita, Colo.....
Strewo, Frank, Osoyoos, B. C.....
Strickler, M. E., Duncan, Mont.....
Strobel, Geo., Clancey, Mont.....
Strobridge & Feliz, Humboldt, Nev.....
Strode & Bowden, Trinity Center, Cal.....
Strombeck, Thos., Goldgulch, Cal.....
Strong Mg. Co., Cripple Creek, Colo.....
Stroude Bros., Trinity Center, Cal.....
Strunk, Z., Rockcastle Springs, Ky.....
Stuart & Co., Michigan Bluff, Cal.....
Stump, Alvin, Woodland Park, Colo.....
Sturges, S. G., Ransoms Bridge, N. C....
Sturgill Bros., Baker City, Ore.....
Styne Creek Con. G. Gravel Co., Vancouver, B. C. .....
Suarez, Josefa, Guanajuato, Mex.....
Sucesores, A. Manuel, Guanajuato, Mex...
Sudbury Customs Silver Co., Sudbury, Ont.
Sue, Kee & Co., North Bloomfield, Cal.....
Suffolk Globe M. & M. Co., Ophir, Colo...
Suffolk Mining Co., Ophir, Colo.....
Sugar Loaf Hill Mg. Co., Deadwood, S. D.
Sugar Loaf M. & M. Co., Denver, Colo....
Sullivan, B. H., Co., Kellogg, Idaho....
Sullivan, J. & Co., Sparta, Ore.....
Sullivan, Jas. D., Downeyville, Nev.....
Sullivan, John, Boundary Creek, B. C....
Sullivan, Jno., Osier, Colo.....
Sullivan, John, Spenceville, Cal.....
Sullivan Mining Co., Portland, Ore.....
Sullivan, N., Auberry, Cal.....
Sullivan, Thos., Mokelumne Hill, Cal.....
Sullivan, Wm., Ogden, Utah.....
Sulphide Mining Co., Leadville, Colo.....
Sultan Mg. & Pros. Co., Orting, Wash.....
Sultepec Minera de Cia., Sultepec, Mex....
Summer, J. W., Kernville, Cal.....
Summers, Geo., Lewiston, Cal.....
Summers, T., Haydenhill, Cal.....
Summit Co. Mg. & Inv. Co., B'k'dge, Colo.
Summit G. Mg. Co., San Francisco, Cal..
Summit M. & M. Co., Neihart, Mont.....
Summit Stamp Mill, Cripple Creek, Colo..
Sumner, Miles, Camp Creek, Va.....
Sunday Silver Mg. Co., S. Lake City, Utah.
Sunny Bell M. & M. Co., Colo Spgs., Colo..
Sunny Point Mining Co., Stanley, B. C...
Sunnyside Ext. Mg. Co., Denver, Colo....
Sunset G. M. & M. Co., San F., Cal.....
Sunset Mining Co., New Orleans, La.....
Sunshine Cons. Mg. Co., Des Moines, Iowa..
Sunshine Mg. Co., Three Forks, B. C.....
Sunshine M. & M. Co., Fairfield, Utah.....
Superior M. & M. Co., San Francisco, Cal..
Superior Silver & Ref. Co., Superior, Wis..
Superior & Sunset Mg. Co., W. Superior, Wis .....
Surprise M. & M. Co., New York.....
Surprise M. & M. Co., Panamint, Cal.....
Sutchiff Bros., Michigan Bluff, Cal.....
Sutchiff, H., Mud Springs, Cal.....
Sutherland Mining Co., Goldenville, N. S.
Sutton, F., Sonora, Cal.....
Sutton Mining Co., Denver, Colo.....
Sutton M. & M. Co., Denver, Colo.....
Suwanee Mtn. Mg. Co., Cummings, Ga....
Swacker, Oscar, & Son, Draper, Ore.....
Swan, Col., Baker City, Ore.....
Swan Hyd. Claim, Granite Creek, B. C....
Swan Lake Mining Co., Vernon, B. C.....
Swansea Gold Mining Co., Denver, Colo..
Swansea G. & S. Mining Co., Denver, Colo.
Swanson Mg. Co., Salt Lake City, Utah..
Swanzey, D. N. & Co., Keystone, S. D....
Sweeney, Chas., Kellogg, Idaho.....
Swineford, A. P., Sitka, Alaska.....
Swiss Boy Mg. Co., Cottonwood, Colo.....
Sylvania G. Mg. Co., Colo. Spgs., Colo...
Sylvanite G. Mg. Co., Colo. Spgs.. Colo..
Sylvester, H., Grass Valley, Cal.....
Sym, Geo., Hildreth, Cal.....
Syndicate G. Mines & Mill Co., New York.
Syndicate Mining Co., Rico, Colo.....
Syndicate Mg. Co., San Francisco. Cal...
Syphus, Geo., Panaca, Nev.....
Syracuse Pride Mining Co., Mineral Point, Colo. .....
Syrett, Fred., & Co., Kingston, Utah.....
Tablor, W. M., La Grande, Ore.....
Tabor, Clark, Sumpter, Ore.....
Tabor, H., Gibsonville, Cal.....
Tabor Invest. Co., Denver, Colo.....
Tabor M. & M. Co., Denver, Colo.....
Tabor, Wm., Sumpter, Ore.....
Tabor & Jannie, Sumpter, Ore.....
Tache Gold Mg. Co., Chatham, Ont.....
Tacoma Mg. Co., Elkhorn, Mont.....
Taft & Snyde, Bourne, Ore.....
Taggart, J. P., Vanderbilt, Cal.....
Taggart, W. H., Eureka, Colo.....
Tagle, D. J. G., Thuacan, Mex.....
Tagus M. & M. Co., Columbia, Va.....
Tail Run G. Mg. Co., Denver, Colo.....
Tajo Minera del Cia., Parral, Mex.....
Takon Con. Mg. Co., Juneau, Alaska.....
Talbott, L. J., Jamestown, Colo.....
Talladega Gold Mg. Co., Talladega, Ala...
Tallman, Geo. W., Eureka, Colo.....
Tamaulipas Mining Co., Matamores, Mex..
Tamcomb Hill Mg. Co., Breckenridge, Colo.
Tanto Mg. Co., Bonanza, Idaho.....
Tarbut, Bickle & Co., Angels Camp, Cal..
Tarry All G. Mg. Co., Denver, Colo.....
Tartar, Alex., Sparta, Ore.....
Tate, T., Belmont, Nev.....
Tate, T. A., Lake Valley, N. Mex.....
Taybee Creek Gold Mine, Dawsonville, Ga.
Taylor, A., Hamburg, Cal.....
Taylor, Chas. H., Redcliff, Colo.....
Taylor, C. M., Malheur, Ore.....
Taylor, Dan. F., Cerrillos, N. Mex.....
Taylor, H. P., Mg. Co., San F., Cal.....
Taylor, J., Fulford, Colo.....
Taylor, Jno., Howard, Colo.....
Taylor, J. G., Gardner, Colo.....
Taylor, L., Douglas, Alaska.....
Taylor Mg. Co., Telluride, Colo.....
Taylor Park Mg. Co., Colo. Spgs., Colo....
Taylor, Sandy, Sullivan, Me.....
Taylor, Thos., Ivanpah, Cal.....
Taylor, T. G., San Francisco, Cal.....
Taylor, W. B., Baker City, Ore.....
Taylor & Durkin, San Francisco, Cal.....

Taylor & Jack, Boulder, Colo.....
Taylor & Seeley, Osoyoos, B. C.....
Taylor & Tracy, Michigan, Bar, Cal.....
Taylor & Tulman, Lewiston, Cal.....
Tedreau, Kid, Huntington, Ore.....
Teel & Poe, Cooks, N. Mex.....
Tegunda Mg. Co., Acton, Cal.....
Telrakoff Co., Westpoint, Cal.....
Telegraph Mg. Co., Bingham Canyon, Utah.
Telegraph Mg. Co., Grass Valley, Cal.....
Telegraphers Con. G. Mg. & T. Co., Colorado Springs, Colo.....
Telephone Mg. & Red. Co., San F., Cal....
Tell, Wm., Mg. Co., Sierra City, Cal.....
Telles & Morton, Northfork, Cal.....
Telluride Cons. Mg. Co., Telluride, Colo..
Telluride Mg. Co., Silver Cliff, Colo.....
Temonj M. & M. Co., Colorado Spgs., Colo.
Templar Mg. Co., Kingston, N. Mex.....
Temple, Geo., Happy Camp, Cal.....
Templeton, A. G., Woodland Park, Colo..
Tenderfoot Hill Tun., M. & M. Co., Cripple Creek, Colo.....
Ten Eyck, Geo., Cottage Grove, Cal.....
Teppen, J., Merrimac, Cal.....
Teresa Mg. Co., San Francisco, Cal.....
Terrible Mg. Co., Georgetown, Colo.....
Terrill Bros., Cooks, N. Mex.....
Terry Bros., Glendale, Mont.....
Terry, H. F., Clayton, Idaho.....
Terry & Turner, Silverton, Colo.....
Tetrimille, D., Granite, Ore.....
Tetro Mg. Co. of Tintic, S. L. City, Utah..
Tevis, W. S., Ridgway, Colo.....
Texada G. & S. Mg. Co., Nanaimo, B. C...
Texas Cons. G. Mg. Co., Hart, Cal.....
Texas Cons. Mines, Redding, Cal.....
Texas Flat Mg. Co., Goldgulch, Cal.....
Texas G. & S. Mg. Co., Nevada City, Cal..
Texas Hill Drift Mg. Co., Placerville, Cal.
Thede & Medina, Kernville, Cal.....
Thomas Bros., Clifford, Ore.....
Thomas, Chas. W., Steins Pass, N. Mex...
Thomas G. Mg. Co., Asheville, N. C.....
Thomas, H., Cottage Grove, Cal.....
Thomas, H. W., Cottage Grove, Cal.....
Thomas, J. B., Cortez, Colo.....
Thomas, J. R., Silver Cliff, Colo.....
Thomas, R. A. & W. T., Sweetland, Cal...
Thomas, S., Sierra City, Cal.....
Thomas, S. C., Mill City, Nev.....
Thomas, W., Alma, Colo.....
Thomas, W., Douglas Flat, Cal.....
Thomas, W. A., Cimarron, Colo.....
Thomas, W. H., Candelaria, Nev.....
Thomas, W. H., Lang, Cal.....
Thomas & Dupre, Henley, Cal.....
Thompson, A. L., Cortez, Colo.....
Thompson, C., Spanish Ranch, Cal.....
Thompson Creek Co., Happy Camp, Cal...
Thompson, E. G., Michigan Bluff, Cal.....
Thompson, H. C., Boulder, Colo.....
Thompson, Harry L., Midnight, N. Mex...
Thompson, Jas., Wickes, Mont.....
Thompson, Jas. A., San Francisco, Cal....
Thompson, John B., Organ, N. Mex.....
Thompson Mg. Co., Denver, Colo.....
Thompson, Monroe, San Francisco, Cal...
Thompson, Pickall & Waldo Co., Silverton, Colo .....
Thompson River Hydraulic Mining Co., Kamloops, B. C. .....
Thompson River Hyd. Mg. Co., New Westminster, B. C.....
Thompson, Steve, Michigan Bluff, Cal.....
Thompson, S., Dumont, Colo.....
Thompson, Wm., Reno, Nev.....
Thompson, W. H., Indianapolis, Ind.....
Thompson, W. H., Sparta, Ore.....
Thompson, W. O., Chloride, N. Mex.....
Thompson, W. T., Fairview, B. C.....
Thompson & Co., Prairie City, Ore.....
Thompson & McNabb, Mono Lake, Cal....
Thompson & Watts, Lake Valley, N. Mex.
Thomson G. Mg. Co., Glenn Springs, S. C.
Thomson & Quirk, South Uniacke, N. S...
Thorn, Ben, San Andreas, Cal.....
Thorn Bros., Deadwood, Cal.....
Thorne, G. W., Wagon Wheel Gap, Colo...
Thorp, S. B., Lewis, Nev.....
Thorpe Mg. Co., Angels Camp, Cal.....
Thorpe Mg. Co., Fourth Crossing, Cal.....
Thorpe, Sam, Silver King, Ariz.....
Three Forks Mg. Co., Three Forks, Mont.....
Threlke, G. L., Newcastle, Cal.....
Thrill, N., Fairview, B. C.....
Thunder Hill Mg. Co., Victoria, B. C.....
Thurber, Orrin, Bald Mountain, Colo.....
Thurston, S. N. & T. B., Forbestown, Cal.
Thwaite, Geo. H., Socorro, N. Mex.....
Tibbets, F., Sciad Valley, Cal.....
Tibbets, J. H., Jackson, Cal.....
Tibbits & Co., Hamburg, Cal.....
Tibbits & Green, Columbia, Cal.....
Tibbs Bros., McEwen, Ore.....
Tice, Wm., Cornucopia, Ore.....
Tient Mg. Co., Deadwood, S. D.....
Tietjen, Louis, Lida, Nev.....
Tiffany, A., Aurum, Nev.....
Tiger & Poorman Con. Mg. Co., Burke, Ida.
Tilden, Geo., Co., Jefferson, Cal.....
Tilden Mg. Co., St. Elmo, Colo.....
Tilford, Boone, Osceola, Nev.....
Tillotson, E. M., St. Paul, Minn.....
Tilton River Mg. Co., Morton, Wash.....
Tilton, W. C., Spring Place, Ga.....
Timble, Mrs. B., Fairview, B. C.....
Timbuctoo G. & S. Mg. Co., Marysville, Cal .....
Timlen, T., Belmont, Nev.....
Timm, Henry, Railroad Flat, Cal.....
Timmons, J. B., Redding, Cal.....
Tin Cup Mg. Co., Tin Cup, Colo.....
Tinder Flat Mine, Tolersville, Va.....
Tingman, A. G., Indio, Cal.....
Tintic Tunnel Co., Eureka, Utah.....
Tip Top Mg. Co., Daggett, Cal.....
Tip Top Mg. Co., Denver, Colo.....
Tirre, A., Diamond Springs, Cal.....
Toad Mountain Mg. Co., Nelson, B. C.....
Todd, Frank, Coles, Cal.....
Tokalon G. Mg. Co., Colo. Spgs., Colo.....
Toll House Mg. Co., Placerville, Cal.....
Tolo Mining Co., Tacoma, Wash.....
Toltec G. Mg. Co., Denver, Colo.....
Tomado Con. G. & S. Mg. Co., Lead, S. D..
Tom Boy G. Mines Co., Telluride, Colo....
Tombstone Mg. Co., Dillon, Mont.....
Tombstone Mill. & Mg. Co., Phila., Pa....
Tomichi Mg. Co. (See May Day Mg. Co.)...
Tomkins, H. H., West Cliff, Colo.....
Tomlinson, E. H., Three Forks, B. C.....
Tompkins, R. L., White River, Cal.....
Toney, E. E. & I. O., Gold Hill, N. Mex..
Tong, Shinder & Boone, Carlisle, N. Mex..
Tonto Mg. Co., Custer, Idaho.....
Toole, J. O., Greenville, Cal.....
Topeka M. & M. Co., Manitou, Colo.....
Topping, E. D., Hildreth, Cal.....
Tornado G. Mg. Co., Denver, Colo.....
Toronto Mg. Co. of Sugar Creek, Barkerville, B. C.....
Toronto Smelting & Ref. Co., Toronto, Ont.
Torp, G. H., Beaver Creek, Colo.....
Torrer, Manuel, Juan Tafoya, N. Mex.....
Torres, Fermin, Juan Tafoya, N. Mex.....
Total Wreck G. Mg. Co., Murphy, Cal.....
Touquoy, Damos, Moose River Gold Mines, N. S.....
Touquoy Gold Mines, Musquodoboit Harbour, N. S.....
Towle Bros. & Gould, Alta, Cal.....
Townley, W. J., Sanger, Ore.....
Townsend, H., Silver Cliff, Colo.....
Townsite G. Mg. Co., Colo. Spgs., Colo....
Townsite Mg. Co., Robinson, Colo.....
Tracey, Fox & Co., Baker City, Ore.....
Trachyte G. M. & M. Co., Colo. Spgs., Colo.
Tracy, Upton, Big Pine, Cal.....
Trade Dollar M. & M. Co., Pittsburg, Pa..
Trail Creek G. Mg. Co., Denver, Colo.....
Trail Mining Co., Chicago.....
Trail Run G. Mg. Co., Colo. Spgs., Colo....
Tramway M. & M. Co., Denver, Colo.....
Tranor, John, Melrose, Mont.....
Trapier, Victor, Lone Pine, Cal.....
Trapper Mining Co., Salt Lake City, Utah.
Traviss & Dalrymple, Fairview, B. C.....
Treasure Box Mg. Co., Murray, Idaho.....
Treasure Con. G. & S. Mg. Co., American Fork, Utah.....
Treasure M. & M. Co., Pittsburg, Pa.....
Treasure Vault G. & S. Mg. Co., Milwaukee, Wis.....
Treasure Vault M. Co., Ashcroft, Colo.....
Tregidio, A., Grass Valley, Cal.....
Tregillus, F. J., Stanley, B. C.....
Tregloan, Jno., Sutter Creek, Cal.....
Trembath, Wm., Palisade, Nev.....
Trevethan, R., Silver King, Ariz.....
Trewethan, H. T., Lundy, Cal.....
Triad G. Mg. Co., Denver, Colo.....
Tricky & Cooper, Mineral Point, Colo.....
Trimble, E. R., Rochester, N. Y.....
Trinidad, Cia. de La, Guanajuato, Mex...
Trinidad G. & S. Mg. Co., Trinidad, Colo..
Trinity River Hyd. G. Mg. Co., Weaverville, Cal.....
Tripp & Co., Butte, Mont.....
Triumph Mg. Co., Denver, Colo.....
Triune Mg. Co., Goldendale, Wash.....
Trojan M. & M. Co., Tacoma, Wash.....
Trollipe, Capt. C. A., Nederland, Colo.....
Tropic Mg. Co., Idaho Springs, Colo.....
Troy Develop. Co., Spokane, Wash.....
Troy Mg. Co., Lead, S. D.....
True Cons. G. Co., Placerville, Cal.....
Truett, C. C., Deeth, Nev.....
Trumbull, G. H., Wardner, Idaho.....
Trust Ruby Mg. Co., Mt. Sneffels, Colo....
Tucker, W. M., St. Louis, Mo.....
Tudor Gold Mg. Co., Waverly, N. S.....
Tuerto Mt. Copper & G. Co., New York....
Tuffy, Oliver, Deer Park, Wash.....
Tulameen Hyd. & Imp. Co., New Westminster, B. C.....
Tulford Mg. Co., Eagle, Colo.....
Tullock, Jas., Angels Camp, Cal.....
Tully, N. & J. B., Washington, Cal.....
Tumgren Mining Co., S. L. City, Utah....
Tuolumne Co. Devel. Co., Soulsbyville, Cal.
Tupper, T. M., Howardsville, Colo.....
Turbot Mg. Co., Leadville, Colo.....
Turin, Geo., Tybo, Nev.....
Turkey Creek Mg. Co., San Miguel, Colo..
Turkey Hill G. Mg. Co., Michigan Bluff, Cal .....
Turner, A. G., Hunts Hill, Cal.....
Turner, B. B., Berthoud, Colo.....
Turner Drift Mg. Co., Marysville, Cal.....
Turner, H., Pioneerville, Idaho.....
Turner, H., Wagon Wheel Gap, Colo.....
Turner, Jas., Althouse, Ore.....
Turner, J. H., Granite, Ore.....
Turner Mg. Co., Angels Camp, Cal.....
Turner, P., Berthoud, Colo.....
Turner, P. F., Gibsonville, Cal.....
Turner, Wm., Granite, Ore.....
Turner, W. F., Sitka, Alaska.....
Turqueza, Cia., La, Huarichio, Mex.....
Tuscarora G. & S. M. & M. Co., Denver, Colo .....
Tussey Mt. Mining & Smelting Co., Henrietta, Pa. .....
Twenty-nine Palms M. & M. Co., Riverside, Cal .....
Twin City & Butte Mg. Co., Butte, Mont..
Twin Lakes Gulch Placer Mg. Co., Twinlakes, Colo.....
Twin Lakes Hyd. G. Mg. Synd., Granite, Colo .....
Twin Sisters G. Mg. Co., Denver, Colo.....
Two Channel G. Mg. Co., Placerville, Cal.
Two Cripples Mg. Co., Wickes, Mont.....
Twomey, Patrick, Cle-Elum, Wash.....
Tybo Cons. Mg Co., Tybo, Nev.....
Tycoon Mg. Co., Pitkin, Colo.....
Tyra Gold Co., Bensalem, N. C.....
Tyro Mg. Co., Coulterville, Cal.....
Tyro M. & M. Co., Coulterville, Cal.....
Uncle Ned Mg. Co., Rico, Colo.....
Uncle Sam G. Mg. Co., Sawyers Bar, Cal..
Uncle Sam M. & M. Co., Colo. Spgs., Colo..
Underwood & Co., Quesnelle, B. C.....
Unida Mexicana Cia., Guanajuato, Mex....
Union Con. Co., Wallace, Idaho.....
Union Con. Mg. Co., San Francisco, Cal...
Union Cons. S. Mg. Co., San F., Cal.....
Union Drift Mg. Co., N. Bloomfield, Cal..
Union G. M. Co., Colorado Springs, Colo..
Union Gravel Mg. Co., San F., Cal.....
Union Invest. Co., Milwaukee, Wis.....
Union Leasing & Mg. Co., Denver, Colo...
Union Mill Co., San Francisco, Cal.....
Union Mill & M. Co., San Francisco, Cal...
Union Mg. Co., Burke, Idaho.....
Union Mining Co., Cornucopia, Ore.....
Union Mining Co., Genesee, Cal.....
Union Mg. Co., Neihart, Mont.....
Union Mining Co., Salt Lake City, Utah....
Union M. & M. Co., Soda Springs, Idaho...
Union Pac. M. & M. Co., Colo. Spgs., Colo..
Union Trust & Loan Co., Denver, Colo....
United Mexican Mines, Guanajuato, Mex..
U. S. Antimony Co., Philadelphia, Pa.....
U. S. Depository Mine, Ouray, Colo.....
Unity G. Mg. Co., Colorado Springs, Colo..
Unity Mg. Co., Placerville, Cal.....
Upton, D. N., Butte, Mont.....
Urech, Jacob, Belmont, Nev.....
Uren, W. & Meyer, Auburn, Ore.....
Utah Cons. Mg. Co., San Francisco, Cal...
Utah Con. M. & M. Co., Provo City, Utah..
Utah Gold Mg. Co. of Colo. & Wyo., Mapleton, Utah.....
Utah Gum M. & M. Co., Ophir, Utah.....
Utah Mining Co., Baker City, Ore.....
Utah Mg. Co., Tintic, Utah.....
Utah Mt. Mg. Co., Butte, Mont.....
Ute Chief Mg. Co., Denver, Colo.....
Utica Mg. Co., San Francisco, Cal.....
Utica Mg. Co., Ward, Colo.....
Utica M. & M. Co., Philadelphia, Pa.....

GOLD AND SILVER—Continued.

Vaight, E. F., Baker City, Ore.....
Vaile, M. P., Ophir, Colo.....
Valcourt & Bionchoreo, St. Elmo, Colo.....
Valena M. & M. Co., Ft. Collins, Colo.....
Valencia, Jeronimo, Apatzingan, Mex....
Valentine, Jas., Groveland, Cal.....
Valenzuela Con. Land & Mg. Co., San Francisco, Cal.....
Valley G. Mg. Co., Victor, Cal.....
Valley Lode Mg. Co., Denver, Colo.....
Valley Mg. Co., Hiko, Nev.....
Valls, Wm. T., Hesperus, Colo.....
Van Allen, Wm., Ukiah, Cal.....
Van Alstyne, A. L., Dillon, Colo.....
Van Camp Mg. Co., Canyon Ferry, Mont..
Van Cleve Coll., Toledo, Ore.....
Van Dervoort, Paul, Omaha, Neb.....
Van Wagenen, T. F., Telluride, Colo.....
Van Winkle Cons. Hyd. Mg. Co., Vancouver, B. C.....
Vancouver Enterprise Mining Co., Vancouver, B. C. .....
Vancouver Gold & Silver Exploration & Concessions Co. (Ltd.), Vancouver, B. C..
Vancouver Smelt. & Mg. Co., Vancouver, B. C.....
Vandegrif, J. E., Oldham, N. S.....
Vander, Elst. F., Haydenhill, Cal.....
Vanderbilt M. & M. Co., S. L. City, Utah..
Vanderbilt M. & M. Co., Vanderbilt, Cal...
Vandergrift, J. M., Nashville, Cal.....
Vanderlist, Frank, Adin, Cal.....
Vanderpool, A. W., Butte Valley, Cal.....
Vanderworker, E. L., Kellogg, Idaho.....
Vanmeter, G. W., French Gulch, Cal.....
Vannoy, J. H., Port Orford, Ore.....
Vanslyke & Co., Granite, Ore.....
Vanslyke & Schiver, Baker City, Ore.....
Varsas, Frank, Sawyers Bar, Cal.....
Vaughan, E., Havilah, Cal.....
Vaughan, E. G., Kenterville, Idaho.....
Vaughn, David, Woodland Park, Colo.....
Vaughn, J. D. & Co., Reliance, Tenn.....
Veach, G. W., Midas, Nev.....
Veal, W., Nevada City, Cal.....
Vedovetch, Gerome, Candelaria, Nev.....
Velasquez, Jose, San Mateo Tepautepec, Mex .....
Vendome Mg. Co., Nevadaville, Colo.....
Venezia M. & M. Co., Denver, Colo.....
Venus G. Mg. Co., Yankee Hill, Cal.....
Venus Qtz. Mg. Co., Campo Seco, Cal.....
Verdigo, S., Belmont, Nev.....
Vere, Frank, Quincy, Cal.....
Vernette, Jo., Letcher, Cal.....
Verzan, J. C., Ely, Nev.....
Vessels, Dave, Malachite, Colo.....
Vickerys C'k. G. Mine, Vickerys C'k., Ga..
Vicking G. M. & M. Co., S. L. City, Utah..
Victor G. Mg. Co., Cripple Creek, Colo....
Victor Hyd. Mg. Co., Lillooet, B. C.....
Victor Mines & Land Co., Colo. Spgs., Colo.
Victor Mg. Co., Chicago.....
Victor & Burnt Fork Mg. Co., Victor, Mont.
Victoria Amal. H. Mg. Co., Barkerville, B. C.....
Victoria Hyd. Mg. Co., New Westminster, B. C.....
Victoria Mg. Co., Garden River, Ont.....
Victoria Mg. Co., Nanaimo, B. C.....
Victoria Mg. Co., Rico, Colo.....
Victoria Tunnel Co., New York.....
Victoria & Tunnel Mg. Co., San F., Cal....
Victory Mg. Co., Deadwood, S. D.....
Vidal, Molina, Juan Tafoya, N. Mex.....
Vienna Mg. Co., Sawtooth, Idaho.....
Villa Rica M. & M. Co., Villa Rica, Ga....
Villegas, Gonzales D., Hostolipaquillo, Mex.
Vills, Thos., Haworth, Colo.....
Vincent, Geo. T., San Francisco, Cal.....
Vincent, R., Grass Valley, Cal.....
Vincent, T. W., Gilman, Colo.....
Vincent & Brand, Nevada City, Cal.....
Vindicator Mg. Co., Denver, Colo.....
Vine Spring Mg. Co., Columbia, Cal.....
Vinton, J. W., Malachite, Colo.....
Viola Mg. Co., Camas, Idaho.....
Virden, T., Portland, Colo.....
Virginia Cons. Mg. Co., Colo. Spgs., Colo..
Virginia Cons. Mg. Co., Raton, N. Mex...
Virginia Gold Mg. Co., Baltimore, Md.....
Virginia G. Mg. Co., Spokane, Wash.....
Virginia G. M. & M. Co., Ashland, W. Va..
Virginia Mg. Co., Kingston, N. Mex.....
Virginia Mg. Co., Pomona, Cal.....
Virginia M. & M. Co., Colo. Spgs., Colo...
Virginia M. & M. Co., St. Louis, Mo.....
Virtue Mg., M. & Dev. Co., Stockton, Cal..
Vishnu Gold Co., Rocky Bar, Idaho.....
Volcano G. Gravel Mg. Co., Volcano, Cal...
Volcano G. Mg. Co., Deer Lodge, Mont.....
Volcano Gold & Silver Mining Co., Princeton, Mont. .....
Volcano Tunnel Co., Santa Cruz, Cal.....
Volunteer Mg. Co., Butte, Mont.....
Volunteer Mg. Co., Pitkin, Colo.....
Vomicil, F., Yuma, Ariz.....
Von Moltke Mining Co., Crestone, Colo...
Voorhies, E. C., Suttercreek, Cal.....
Vulcan Mining Co., Grass Valley, Cal....
Vulcan Mining Co., Vulcan, Colo.....
Vulture M. & M. Co., Vulture, Ariz.....
Wacasbers, W. A., New Bridge, Ga.....
Waddell, J., Baker City, Ore.....
Waddell, J. A., Hawthorne, Nev.....
Waddle, Robt., Windom, Wash.....
Wade, B. F., Sams Valley, Ore.....
Wade, G. A., Malaga Gold Mines, N. S....
Wade, Jno., Oakland, Cal.....
Wadleigh, W. J., Waldo, Ore.....
Wadsworth, L. L., Cariboo Gold Mines, N. S. .....
Wadsworth, Wm., Silver Cliff, Colo.....
Wagner, L., Sawyers Bar, Cal.....
Wahatoga Mining Co., Denver, Colo.....
Wahl, C. T., Tin Cup, Colo.....
Wai Wern M. & M. Co., San F., Cal.....
Wake, Thos., Boundary Creek, B. C.....
Wakefield, W., Tollhouse, Cal.....
Wakeman, F., Rico, Colo.....
Waker, W., Portland, Colo.....
Waldo, R. R., Silverton, Colo.....
Waldron, A., Sparta, Ore.....
Walker, A. E., Gold Hill, N. Mex.....
Walker, C. W., Weiser, Idaho.....
Walker, Geo., Jamestown, Colo.....
Walker G. Mg. Co., Colorado Spgs., Colo.
Walker, J., Palisade, Nev.....
Walker, Dr. John, Sonora, Cal.....
Walker, J. R. & M. H., Redding, Cal.....
Walker, J. W., Meadows, Idaho.....
Walker, Luke, Menifee, Cal.....
Walker, P. M., Revelstoke, B. C.....
Walker, W. B., Caliente, Cal.....
Walker & Trimble, Englevile, Nev.....
Wall St. Mg. Co., Lake City, Colo.....
Wallace Gold Mining Co., Denver, Colo....
Wallace, Dr. J. P., Hesperus, Colo.....
Wallace, Lew, Mg. Co., Deadwood, S. D..
Wallace, O. B., Wallace, Idaho.....
Wallace, W. W., Arivaca, Ariz.....
Walnut M. & M. Co., Silver City, Ark....
Walsh, Wm. E., Clark, Wyo.....
Walter, Otto T., Ophir, Cal.....
Walters, E., Camp Badger, Cal.....
Walters, Frank, Pony, Mont.....
Walters, John, Huffville, Va.....
Walters, Jos., Check, Va.....
Walton, Gleason & Hedge, Washington Bar, Mont. .....
War Dance Mining Co., Hailey, Idaho.....
War Eagle Mining Co., Spokane, Wash...
War Eagle G. Mg. Co., Spokane, Wash..
Warburton, Thos., Belmont, Nev.....
Ward Bros., Mariposa, Cal.....
Ward Bros., Murray, Idaho.....
Ward, Chas., Grubgulch, Cal.....
Ward, C., Portland, Colo.....
Ward, Edw., Dillon, Colo.....
Ward, Geo. H., Gold Hill, N. Mex.....
Ward Gold Mining Co., Ward, Colo.....
Ward, W. S., Denver, Colo.....
Ware, Edw., Butte Valley, Cal.....
Ware, O. W., Mariposa, Cal.....
Warfield, D. B., Oakdale, Cal.....
Warlock Mining Co., Julian, Cal.....
Warner, Paul, Naturita, Colo.....
Warner, Wm., Ashcroft, Colo.....
Warner & Loraway, Loomis, Wash.....
Warren, C. C., Dillon, Colo.....
Warren Mining Co., Denver, Colo.....
Warren Placer Mg. Co., Warren, Ind.....
Warrior Mining Co., Cincinnati, Ohio.....
Washburn M. & M. Co., Minneapolis, Minn.
Washington Central Mining & Red. Co., Conconully, Wash. .....
Washington Cons. Gold & Silver Mining Co., Galena, S. D.....
Washington G. Mg. Co., French Gulch, Cal.
Washington, Geo. Mg. Co., Sherman, Colo.
Washington Gulch Mg. Co., Portland, Ore.
Washington Imp. Co., Pittsburg, Wash.....
Washington Mg. Co., Colorado Spgs., Colo.
Washington Mining & Development Co., Seattle, Wash. .....
Washington Red. Co., Ruby, Wash.....
Washington & Nevada Mining Co., Vancouver, Wash. .....
Wasp Mining Co., Deadwood, S. D.....
Wasp Mining Co., Hachita, N. Mex.....
Watauga Mining Co., Lenoir, N. C.....
Waterhouse, C. P., San Francisco, Cal....
Waterloo Mg. Co., Silver City, Ark.. ...
Waterloo S. M. & M. Co., Calico, Cal....
Waterman, Chas., Chinese Camp, Cal.....
Waterman, C. A. J., Jacksonville, Cal....
Waterman, R. W., Est., Cuyamaca, Cal..
Waterman & Co., Darwin, Cal.....
Waterman & Porter, Barstow, Cal.....
Waterman, W. J. (M. E.), Princeton, Yale District, B. C. .....
Waters, Mattie, Deeth, Nev.....
Waters, Northan & Wilson, Barker, Mont.
Waters & James, Wagon Wheel Gap, Colo.
Watson, A. R., Ely, Nev.....
Watson, J. F., Prairie City, Ore.....
Watson, L. D., Panaca, Nev.....
Watson Mg. Co., Salt Lake City, Utah...
Watson, W. P., Clifford, Ore.....
Watt Blue Gravel Mg. Co., San F., Cal....
Watt & Martin, Deadwood, Cal.....
Watts, A., Victor, Cal.....
Watts, J., Camptonville, Cal.....
Watts & Crocker, Grizzly Flats, Cal.....
Waugh, A. C., Junction, Idaho.....
Waukesha Cons. Co., North Bloomfield, Cal. .....
Waverly Hydraulic Co., Grouse Creek, B. C. .....
Waverly Mining Co., Moscow, Idaho.....
Waxford, T., Sentinel, Cal.....
Weatherby Estate, Weatherby, Ore.....
Weatherly, S. L., Newburg, Tenn.....
Weaver, J. S., Calico, Cal.....
Webb & Meyers, Prescott, Ariz.....
Webber, Fred, Lakeview, Idaho.....
Webster, D. C., Georgetown, Cal.....
Webster, Geo. A., Chinese Camp, Cal.....
Webster, J. M., Hillsboro, N. Mex.....
Webster Mining Co., Salt Lake City, Utah.
Webster, Judge Wm., Reno, Nev.....
Webster, W. T., Juneau, Alaska.....
Wedgwood, F., Lake Valley, N. Mex.....
Weil, J., Sandpoint, Idaho.....
Weim, Edw., American Fork, Utah.....
Weise, C. G., Sparta, Ore.....
Weiss, W. O., Placerville, Idaho.....
Weittenheller, P. C., Sitka, Alaska.....
Welch, H., Greenwood, Cal.....
Welch, R., Auberry, Cal.....
Welch, Thos., Spenceville, Cal.....
Welcome Mining Co., Deadwood, S. D....
Weldon Mining Co., Leadville, Colo.....
Weldon Mining Co., San Francisco, Cal..
Welker, G., Callahan, Cal.....
Well Annie M. & M. Co., S. L. City, Utah.
Wellington Mining Co., Colville, Wash...
Wellington Mining Co., Rico, Colo.....
Wells, M. H., Yankee Hill, Cal.....
Wells Mining Co., Sprucemont, Nev.....
Welty, Geo., Meeker, Colo.....
Wendell, E. B., Detroit, Mich.....
Werley, P. J., Boulder, Colo.....
Werney, Wm., Gold Hill, N. Mex.....
Wesch, Jno., Mancos, Colo.....
Weser Mining Co., Basin, Mont.....
West Aspen M. & M. Co., Aspen, Colo.....
West Bros., Farnham, Colo.....
West Bros., Gravel Hill, Va.....
West Cable Mg. Co., S. L. City, Utah....
West Cable M. & M. Co., S. L. City, Utah.
West Con. Virginia & California Gold & Silver Mining Co., San Francisco, Cal...
West Cumberland Co., Helena, Mont.....
West End Gold Mining Co., Boston, Mass.
West End Mining Co., Port Arthur, Ont..
West Gate Gold & Silver Mining Co., Seattle, Wash. .....
West Harmony Mg. Co., Nevada City, Cal.
West, J. H., Sullivan, Me.....
West, J. W., Kellogg, Idaho.....
West Kootenay Mg. Co., Spokane, Wash..
West, O. C., Holbrook, Nev.....
West Point Commercial Co., San F., Cal..
West Virginia Gold M. & M. Co., Colorado Springs, Colo. .....
West Virginia Gold M. & M. Co., Fairmont, W. Va. .....
West Waverly G. Mg. Co., Waverly, N. S..
Westcott, Herbert, Idaho Springs, Colo..
Westcott, J. L., Grandlake, Colo.....
Western Bell Mg. Co., San Francisco, Cal.
Western Con. Mining Co., Spokane, Wash.
Western Union Gold Mining Co., Colorado Springs, Colo. .....
Western Wash. Mg. & Mfg. Co., Tacoma, Wash. .....
Wetherbee, J. A., Inskip, Cal.....
Wetmore, F., O'Neals, Cal.....
Whale Mining Co., Bonanza, Idaho.....
Whale Mining Co., Denver, Colo.....

Whatcom Gold Mining Co., Yale, B. C....
Wheatley Bros. & Co., Sunnyside, Nev...
Wheaton, Edw., San Francisco, Cal.....
Wheaton, O., Malheur, Ore.....
Wheel of Fortune Mining Co., Colorado Springs, Colo. .....
Wheeler, C. V., Silver City, Utah.....
Wheeler, Dr., Baker City, Ore.....
Wheeler, D. A., Riverside, Cal.....
Wheeler, G. & M., Grizzly Flats, Cal.....
Wheeler, H. C., Parrott, Colo.....
Wheeler, J. T., Pine Grove, Cal.....
Wheeler Mining Co., Pine Grove, Nev.....
Wheeler, Thos. L, Custer, S. D.....
Wheeler, W. H., Placerville, Colo.....
Wheeler & Ferrel, Telluride, Colo.....
Whidden, Ed., Oldham, N. S.....
Whip-poor-will Con. Mining Co., Great Falls, Mont. .....
Whitby Bros., White River, Nev.....
Whitcomb, H., Clayton, Idaho.....
White Bear Q. Mg. Co., Sawyers Bar, Cal.
White, Byron N., Co., Ltd., New Denver, B. C. .....
White Cap Mining Co., Leadville, Colo...
White, C. W., San Francisco, Cal.....
White Crow Gold Mining Co., Colorado Springs, Colo. .....
White Crow Osceola Mining Co., Sunshine, Colo. .....
White, Frank, Golden, N. Mex.....
White & Haley, Camp Creek, B. C.....
White, H., Kerby, Ore.....
White, Dr. Henry, Butte Valley, Cal.....
White, H., Walker, Cal.....
White, Henry, Boundary Creek, B. C.....
White Hills Mg. Co., Kingman, Ariz.....
White, H. J., Ward, Colo.....
White, J. S., San Andreas, Cal.....
White, J. W., Auburn, Cal.....
White, Martin, Ely, Nev.....
White, Martin, San Francisco, Cal.....
White Oak G. Mg. Co., Grass Valley, Cal..
White Oaks Mining Co., St. Louis, Mo.....
White Path Gold Mine, Cherry Log, Ga..
White River Mining Co., Ltd., London, England. .....
White, Sam, Walker, Cal.....
White Star Con. Mining Co., New York..
White Star Mining Co., Buffalo, Wyo.....
White Swan Mg. Co., Baker City, Ore...
White, T., Igo, Cal.....
White, Tom, Threerivers, Cal.....
White, W. L., Van Winkle, B. C.....
White & Donnelly, Folsom City, Cal.....
White & Yount Bros., Manse, Nev.....
Whitehead Mining Co., Littleton, N. H....
Whitington, J. W., Tomichi, Colo.....
Whitlatch Union & McIntyre Gold Mining Co., Helena, Mont. .....
Whitman, J. A., Canyon City, Ore.....
Whitmore, R., Revelstoke, B. C.....
Whitney, Dr., Salt Lake City, Utah.....
Whitney, Geo. E., Oakland, Cal.....
Whitney View Mg. Co., Bakersfield, Cal..
Whitney & Galpin, San Francisco, Cal..
Whittaker, J. R., Auberry, Cal.....
Whitten, Geo., Ainsworth, B. C.....
Whitthorne, S. H., Benton, Ark.....
Whittier Mining Co., Barkerville, B. C...
Whitton, R. J., Los Angeles, Cal.....
Wichman, Jas. H., Eagleville, Nev.....
Wicks, E. B., Pueblo, Colo.....
Wide Awake G. Mg. Co., Downieville, Cal.
Wide West Gold Mining Co., Rocky Bar, Idaho .....
Wide West Mg. Co., Fairview, B. C.....
Wider, Chas., Cripple Creek, Colo.....
Wiegand G. Mg. Co., Shoal Lake, Ont....
Wiggins & Co., Clayton, Idaho.....
Wilker, G., Callahan, Cal. .....
Wilcox, Horace, Julian, Cal.....
Wilcox, S. N., Julian, Cal.....
Wildcat Drift G. Mg. Co., Prattville, Cal..
Wilden, Jas. G., Silver Reef, Utah.....
Wilder, L., Dobbins, Cal.....
Wildman G. Mg. Co., Portland, Me.....
Wildman & Mahoney, Sutter Creek, Cal..
Wiley & Co., Port Arthur, Ont.....
Wiley & Cunningham, Gap Creek, Tenn..
Wilkin & Healy, Alpine City, Utah.....
Willard, C., Hamburg, Cal.....
Willard, Gold Mining Co., Murphy, Cal....
Willard & Co., Hamburg, Cal.....
Willave & McDonald, Holbrook, Nev.....
Willenegger Bros., De Lamar, Idaho.....
Willey, J. D., Coles, Cal.....
William Tell Mg. Co., Sierra City, Cal....
Williams, A. J., Whiteriver, Cal.....
Williams Bros., Grass Valley, Cal.....
Williams, C., Hildreth, Cal.....
Williams, E., Empire City, Nev.....
Williams, Garner C., Benton, Cal.....
Williams, H. S., Raymond, Cal.....
Williams, J. B., Galen, Mont.....
Williams, Jno. K., Stella, Cal.....
Williams, J. L., Lake Valley, N. Mex....
Williams, J. O., Gold Hill, N. Mex.....
Williams, J. R., Goodyears Bar, Cal.....
Williams, J. T., Rosita, Colo.....
Williams, Jos. T., Tybo, Nev.....
Williams, L., Forks of Salmon, Cal.....
Williams, Lucy E., Garfield, N. C.....
Williams, M. F., Harney, Ore.....
Williams, N., Whiteriver, Cal.....
Williams, Mrs. R. C., Hildreth, Cal.....
Williams, Wilson W., Bernice, Nev.....
Williams & Wildman, Yreka, Cal.....
Williamsburg Mining Co., Eureka, Nev..
Williamson, Geo., Bullion, Nev.....
Williamson, G. R., Boulder, Colo.....
Williamson, W. L., Washington, Cal.....
Willinghauser, Julius, White Water, N. M.
Willis, E. R., Pine Grove, Nev.....
Willner, T., Butte Valley, Cal.....
Willoughby & Weir, Juneau, Alaska.....
Willow Creek Gold Mining Co., Nelsonpoint, Cal. .....
Willow Mining Co., Stanley, B. C.....
Willow River Hyd. Co., Willow River, B. C. .....
Wills, M. L., Oriental, Nev.....
Wilmans Mining Co., Seattle, Wash.....
Wilsey, D. H., Murray, Idaho.....
Wilson, Alex., Rock Point, Ore.....
Wilson, Andrew, Clayton, Idaho.....
Wilson, A. L., Dillon, Colo.....
Wilson, A. M., Alma, Colo.....
Wilson, A. W., Fort Halleck, Nev.....
Wilson, Benj., Pioneerville, Idaho.....
Wilson, B. C., Waverly, N. S.....
Wilson Creek Con M. & M. Co., Buena Vista, Colo. .....
Wilson, C. L., Florissant, Colo.....
Wilson, David, & Sons, Pine Grove, Nev..
Wilson, D. E., Dumont, Colo.....
Wilson, D. H., Hallvale, Colo.....
Wilson, F., Union, Ore.....
Wilson, Geo., White Cross, Colo.....
Wilson, J., Lonepine, Cal.....
Wilson, J., Willow Creek, Nev.....
Wilson, Jas., Belmont, Nev.....
Wilson, Jno., Darwin, Cal.....
Wilson, Jno., Florissant, Colo.....
Wilson, S. H., O'Neals, Cal.....
Wilson, Wm., Butte Valley, Cal.....
Wilson, W. C., Mojave, Cal.....
Wilson & Co., Westpoint, Cal.....
Wilson & Crane, Winchester, Cal.....
Wilson & Ikenberry, Globe, Ariz.....
Wilson & Montano, Lonepine, Cal.....
Wilton, A. J., Georgetown, Cal.....
Wilton, R. J., Cajon, Cal.....
Wilton, R. S., Georgetown, Cal.....
Winat, H., Bridgeport, Ore.....
Windeler, Jno. C., Sawyers Bar, Cal.....
Windom Mining Co., Asotin, Wash.....
Windsor Con. Mg. Co., New York.....
Windsor Mining Co., Helena, Mont.....
Wine Harbour Gold Mining Co., Ltd., Truro, N. S. .....
Winer Bros. & Co., Oakland, Cal.....
Winfield, Scott & Hastery Mining Co., Grass Valley, Cal. .....
Wing, Guy, Nederland, Colo.....
Wingate, C. B., La Porte, Cal.....
Wingfield, J. W., Petty, Ark.....
Wingfield, W. E., Petty, Ark.....
Wining, Alex., Columbia, Nev.....
Winkelman, F., Greenwood, Cal.....
Winn, Jas. S., Ophir, Cal.....
Winnie Mining Co., Leadville, Colo.....
Winnie & A. Y. Mg. Co., Ora City, Colo..
Winona Mining Co., Duncan, Colo.....
Winston & Kendrick, Minneapolis, Minn.
Wirsch, A. J., Hillsboro, N. Mex.....
Wirth & Huling, Ward, Colo.....
Wirths, Albert, Midas, Nev.....
Wisconsin Creek Mg. Co., Sheridan, Mont.
Wisconsin & Arizona Mining Co., Milwaukee, Wis. .....
Wise & Brennan, Hildreth, Cal.....
Witherell & Bray, Carson City, Nev.....
Withers, Price, Harney, Ore.....
Withrow G. Mg. Co., South Uniacke, N. S..
Wittingley M. & M. Co., San Fran.. Cal...
Wol Wera Con. M. & M. Co., San F., Cal..
Wolf, B. F., Silver Hill, Ark.....
Wolf Butte Cons. Mining Co., Great Falls, Mont. .....
Wolf, D. D., Miners Delight, Wyo.....
Wolf Hill Mines Co., Ltd., Victoria, B. C..
Wolf, J. A., Greenwood, Cal.....
Wolf, W. H., Silver Hill, Ark.....
Wolf & Alsanger, Weatherby, Ore.....
Wolf & Tiger Mining Co., of South Carolina, Willie, S. C. .....
Wolfinger, G. J., San Antonio, N. Mex....
Wolgamot, J. A., Ainsworth, B. C.....
Wolverine Gold Mg. Co., Novelty, Cal.....
Wolverine Mining Co., Ashcroft, Colo.....
Womack, P., Whiteriver, Cal.....
Wood, J., Seiad Valley, Cal.....
Wood, T. W., Farnham, Colo.....
Wood, W. H., Seiad Valley, Cal.....
Wood & Gregory, Silver City, N. Mex.....
Woodburn, R., Dedrick, Cal.....
Woodbury, J., Weaverville, Cal.....
Woodbury, J. P., Empire City, Nev.....
Woodend, H. P., Barry, Colo.....
Woodland Park Mg. Co., Woodland Park, Colo. .....
Woodmass of Alston Mg. Co., Alma, Colo..
Woodruff Mining Co., Helena, Mont.....
Woods, Harry, Robinsons Ferry, Cal.....
Woods, H. E., Robinson, Colo.....
Woods, Jas., San Andreas, Cal.....
Woods, J. E., Silver Star, Mont.....
Woods, M. T., Alpine City, Utah.....
Woods, W., Seiad Valley, Cal.....
Woods, W. & Co., Granite, Ore.....
Woodside, J. W., Oakdale, Cal.....
Woodside Mining Co., Park City, Utah.....
Woodson, W. H., Globe, Ariz.....
Woodward Mining Co., Pahrump, Nev...
Woodward, O. P., Stella, Cal.....
Woodworth Mill Co., Dayton, Nev.....
Woodworth, W. D., Baker City, Ore.....
Woody & Silver Creek Mining Co., Aspen, Colo. .....
Woolcock, Peter, Mill City, Nev.....
Wooley, Land & Judd, Silver Reef, Utah..
Worcester, Horace, Sumpter, Ore.....
Word, Elling & Stewart, Red Bluff, Mont..
Worden, W. H., Angels Camp, Cal.....
Work, J. W., Sparta, Ore.....
Work M. & M. Co., Colo. Springs, Colo...
Work, R. A., Cripple Creek, Colo.....
World M. & M. Co., Colorado Spgs., Colo..
Wortman, G. C., Climax, Colo.....
Wortman, T. B., Cripple Creek, Colo.....
Wray, Jacob, San Francisco, Cal.....
Wrenn, B. F., Granite, Ore.....
Wright, Dr. A. E., Twin Lakes, Colo.....
Wright Bros., Ouray, Colo.....
Wright, Chas., Mill City, Nev.....
Wright, E. D., Aspen, Colo.....
Wright, Francis, Barry, Colo.....
Wright, G. A., Sparta, Ore.....
Wright, H. E., White Cross, Colo.....
Wright, J. B., Igo, Cal.....
Wright, Jas. H., Pine Grove, Nev.....
Wright, J. N., Spokane, S. D.....
Wright, Robt., Cariboo, N. S.....
Wright, R. S., Silver King, Ariz.....
Wright, T., St. Louis, Mo.....
Wright, W. A., Henley, Cal.....
Wright & Co., Baker City, Ore.....
Wright & Co., Orofino, Cal.....
Wright & Fletcher, Orofino, Cal.....
Wright & Marshall, Colo. Spgs., Colo....
Wuensch, A. F., Denver, Colo.....
Wunder, Fred., Bridgeport, Ore.....
Wyandotte Mining, M. & Smelting Co., Chicago, Ill. .....
Wyatt Mg. Co., Colorado Springs, Colo...
Wycott Hyd. Mg. Co., Vancouver, B. C..
Wyhler, Geo., Magalia, Cal.....
Wyman, H., Magalia, Cal.....
Wyman, H. S., Juneau, Alaska.....
Wyoming Con. Mg. Co., Grass Valley, Cal.
Wyoming Syn. Co., Johnstown, Wyo.....
Yacom, B., Eldorado, Cal.....
Yak. M. & M. Co., Leadville, Colo.....
Yakt Placer Mg. & Dev. Co., Troy, Mont..
Yale Gold Mining Co., Yale, B. C.....
Yampa Ex. Mg. Co., Salt L. City, Utah..
Yankee Fork Mg. Co., Bonanza, Idaho....
Yankee Girl Mg. Co., Red Mountain, Colo.
Yankee Hill Mining & Development Co., Central City, Colo. .....
Yarnell Mining Co., Yarnell, Ariz.....
Yates, Jos., Boulder, Colo.....
Yates Mining Co., Crescent City, Cal.....
Yates & Stevens, Mona, Utah.....
Yawkey, Est. of W. D., Three Forks, B. C.
Yeates, John A., Van Winkle, B. C.....
Yellow Boy Mining Co., Ashcroft, Colo.....
Yellow Jacket Mining Co., Arivaca, Ariz..
Yellow Jacket S. Mg. Co., Gold Hill, Nev..
Yellow Jacket S. Mg. Co., San Francisco, Cal. .....
Yellow Pine Mining Co., Osier, Colo.....

GOLD AND SILVER—Continued.

Yellow Stone Mining Co., Castle, Mont....
Yerington, H. M., Carson City, Nev.....
Yharra G. Mg. Co., San Francisco, Cal..
Yoachum, A. C., Panaca, Nev.....
Yokam, James, Canyonville, Ore.....
Yonah Lands & Mg. Co., Nacoochee, Ga...
Yone Mining Co., Port Arthur, Ont.....
York Mining Co., Salt Lake City, Utah..
Yosemite Hyd. Mg. Co., Denver, Colo.....
Yosemite Mg. Co., Salt Lake City, Utah..
You Like Mining Co., Spokane, Wash.....
Young Am. Con. Mg. Co., Sierra City, Cal.
Young, B., Mona, Utah.....
Young, H. P., Mona, Utah.....
Young, J. C., Clifford, Ore.....
Young, J. B., Keese, Wash.....
Young, John H., Cerro, N. Mex.....
Young, N. G., Volcano, Cal.....
Young, S. W., Placerville, Colo.....
Young & Alger, Osburn, Idaho.....
Youngblood, Jos. E., Lang, Cal.....
Younger, S., Sparta, Ore.....
Yount, Hamilton & White, Manse, Nev...
Yuba Gravel Range Co., San F., Cal.....
Yuba Mining Co., Yuba, Cal.....
Yuba River Mg. Co., Grass Valley, Cal..
Yule Creek Marble & Mining Co., Colorado Springs, Colo. .....
Zanabria, Tomas, San Geronimo Tapiche, Mex. .....
Zantgroff, Anton, New Castle, Cal.....
Zantgroff, Jacob, New Castle, Cal.....
Zebra Mining Co., Fresno, Cal.....
Zeilla Mining Co., Jackson, Cal.....
Zenobia Gold Mining Co., Colorado Springs, Colo. .....
Zepeda, Zeferino de., Tepalcatepec, Mex...
Zernsworth, Robt., Woodland Park, Colo..
Zirn & Schulz, Genoa, Nev.....
Zoo Mining Co., Silver Cliff, Colo.....
Zumwald, H., Port Orford, Ore.....

GRAPHITE:

American Plumbago Mining Co., Uwchland, Pa. .....
Bridgeport Crucible Co., Bridgeport, Conn.
Detroit Graphite Mfg. Co., Detroit, Mich.
Dixon, Jos., Crucible Co., Jersey City, N. J. .....
Lake Superior Graphite, Detroit, Mich...
Tucker, Pullen & Wharton, Raleigh, N. C.
Walker Mining Co., Ottawa, Ont.....

GYPSUM:

Acme Cement Plaster Co., St. Joseph, Mo.
Adamant Mfg. Co., Syracuse, N. Y.....
Alabaster Plaster Co., Alabaster, Mich...
Albert Mfg. Co., Hillsborough, N. B.....
Bangs, Geo., Hanover, Kan.....
Becott Gyp. & Cem. Co., Salina, Kan.....
Behan, Jas., Manlius, N. Y.....
Best Bros. & Co., Medicine Lodge, Kan..
Blue Rapids Plast. Co., Blue Rapids, Kan.
Blue Valley Plaster Co., Omaha, Neb....
Buchanan, J. H., Chatham Hill, Va.....
Buchanan, W. A., Chatham Hill, Va.....
Buena Vista Plaster Co., Saltville, Va....
Button, R. D., Cottons, N. Y.....
Button, R. D., Sullivan, N. Y.....
Candell, W. W., Fayetteville, N. Y.....
Connecticut Adamant Plaster Co., New Haven, Conn. .....
Conover, Theo., Victor, N. Y.....
Crown Plaster Co., Solomon, Kan.....
Day, Laurin, Wyoming, Minn.....
Day, Loren, Grandville, Mich.....
Diamond Wall Plas.Co.,Grand Rapids,Mich.
Dillon Cem. & P. Co., St. Joseph, Mo....
Duncombe Stucco Co., Fort Dodge, Iowa..
Dunlap, R. & Co., DeWitt, N. Y.....
Edwards, A. W., Fayetteville, N. Y.....
Ft. Dodge Gypsum Wks., Ft. Dodge, Iowa.
Garbutt, J. W., Garbutt, N. Y.....
Grand Rapids Gypsum Works, Grand Rapids, Mich. .....
Great Western Plas. Co., Blue Rapids, Kan.
Gwyn, I. M., Chatham Hill, Va.....
Gypsum Valley Cement & Plaster Co., Solomon, Kan. .....
Hurd, W. C., DeWitt, N. Y.....
Kansas Cement Plaster Co., Hope, Kan...
Kenna & Allen, Camillus, N. Y.....
Lansing & Son, Fayetteville, N. Y.....
Ledeboer & Co., Spearfish, S. D.....
Lucas & Co., San Francisco, Cal.....
Mabou Coal & Gypsum Co., Mabou Harbour, N. S. .....
Michigan & O. Plas.Co.,Grand Rapids,Mich.
Morales, Pascual, Coalcoman, Mex.....
Nevada Gyp. & Fertilizer Co., San F., Cal.
Noble & Co., Grand Rapids, Mich.....
Nova Scotia Gyp. Co., Parrsboro, N. S..
Overal, D. O., Fresno, Cal.....
Pacific Plaster Co., San Francisco, Cal...
Paola Gypsum Co., Selma, Cal.....
Peerless Cement Plas. Co., Salina, Kan..
Pueblo Cement & Plas. Co., Pueblo, Colo..
Rocky Mt. Plaster Mfg. Co., Leah, Wyo..
Royal Cement Plaster Co., Marlow, Ind. T.
Saline Cement Plaster Co., Dillon, Kan..
Standard Cement Plaster Co., St. Joseph, Mo. .....
Taylor, G., Fayetteville, N. Y.....
Tomlinson, J., Huntington, Ore.....
Tuttle, I., Hobokenville, N. Y.....
Union Mills Plas. Co., Grand Rapids,Mich.
Victoria Gypsum Mg. & Mfg. Co., Ltd., Baddeck, N. S. .....
Wentworth Gypsum Co., Windsor, N. S..

IRON:

Abernathy & Porison, Bakersville, N. C..
Abundacia Mining Co., New York.....
Adam, W. J., Joliet, Ill.....
Adams, H., Henrietta, Pa.....
Adams, Capt. R. C., Montreal, Que.....
Adams Mining Co., Duluth, Minn.....
Aetna Iron Co., Jones Mills, Tenn.....
Aetna Standard I. & S. Co., Bridgeport, Ohio .....
Aguirre, Vrreta, Santiago de Stillan, Mex..
Albright, Geo., Alburtis, Pa.....
Alger, Emanuel, Honeyville, Va.....
Allegheny Iron Co., New York.....
Allegheny Iron M. & M. Co., Minneapolis, Minn. .....
Allegheny I. Mt. Mg. Co., Covington, Va..
Allegheny Mg. Co., Clifton Forge, Va.....
Allen, G. G., Akron, Ohio.....
Allen, T. W., Mt. Jackson, Va.....
Allen, Wm., Ishpeming, Mich.....
Allison, J. F., Cartersville, Ga.....
Alvaris, Manuel, Willow Creek, Nev.....
American Iron Co., Ishpeming, Mich.....
Amminius Chem. Co., Mineral City, Va..
Anderson, E., Middletown, Cal.....
Anderson, T. M., Gadsden, Ala.....
Anderson Iron Co., Duluth, Minn.....
Andover Iron Co., Philadelphia, Pa.....
Angeline Dock Co., Pittsburg, Pa.....
Annie Laurie Mining Co., Galena, Kan...
Anoid Mining Co., Milwaukee, Wis.....
Antimony Mg. Co., San Luis Obispo, Cal..
Antoine Ore Co., Iron Mountain, Mich....
Anvil Iron Mining Co., Bessemer, Mich....
Appalachian Steel & Iron Co., Big Stone Gap, Va.....
Appleton Mining Co., Chicago, Ill.....
Aragon Mining Co., Milwaukee, Wis.....
Arcadia Iron Co., Hartford, Conn.....
Arcram Iron Ore Co., New York.....
Armenia Mining Co., Milwaukee, Wis.....
Arters, Jos., Beartown, Pa.....
Ashland Iron Co., Baltimore, Md.....
Ashland Iron Mg. Co., Ironwood, Mich....
Ashland Iron & S. Co., Minneapolis, Minn.
Atlantic Mining Co., Hurley, Wis.....
Auble, J., Peapack, N. J.....
Auburn Iron Co., Chicago, Ill.....
Aurora Iron Mg. Co., Milwaukee, Wis.....
Averill, Wilson, Saltillo, Pa.....
Ayres, J. R., Gravel Hill, Va.....
Bachmans Iron Ore Mine, Hellertown, Pa.
Bailey, W. A., Mocksville, N. C.....
Baker, W., & Co., Cornwall, N. C.....
Baker Mining Co., Mine Hill, N. J.....
Baldwin, W. W., Cleveland, Ohio.....
Balliett, Adron, Ballietsville, Pa.....
Barassa Iron Co., Marquette, Mich.....
Barkie, John, Orbisonia, Pa.....
Barnett, Alex., Renfrew, Ont.....
Barnett, Jno. & Lewis, Pope Valley, Cal..
Barnum Mining Co., Ispeming, Mich.....
Barrett, J. M., Batesville, Ark.....
Barrie, W. J., Port Arthur, Ont.....
Bartlett, A. G., Stevens Creek, Va.....
Bartow I. & Manganese Co., Atlanta, Ga..
Baudenbush, A. W., Corning, Pa.....
Bay State Iron Co., Port Henry, N. Y....
Beach Mining Co., Hibernia, N. J.....
Bedford Iron & Mfg. Co., Blue Ridge Springs, Va. .....
Behr, Herman & Co., New York.....
Bell, Wm., Sault Ste. Marie, Ont.....
Bellaire Nail Works, Bellaire, Ohio.....
Bellfonte Iron Co., Masseysburg, Pa.....
Belvidere Mining Co., Hazen, N. J.....
Benton, W., Alice, Tex.....
Bessemer City Mg. & Mfg. Co., Bessemer City, N. C.....
Bessemer Iron Co., Duluth, Minn.....
Bessemer Iron Co., Riversville, Va.....
Bessemer Iron Mg. & Mfg. Co., Pittsburg, Tex. .....
Bickel Bros., Freeburg, Pa.....
Biery, Uriah, Shamrock Station, Pa.....
Big Creek Mining Co., Austin, Nev.....
Big Stone Gap Iron Co., Big Stone Gap, Va.
Bigilow & Barton, Cedartown, Ga.....
Birch Lake I. Mg. Co., Milwaukee, Wis....
Bishop, M. L., Lynch Station, Va.....
Biwabik Bessemer Co., Biwabik, Minn....
Biwabik Free Iron Co., Superior, Wis....
Biwabik Mtn. Iron Co., Duluth, Minn....
Black Band Iron Co., Marietta, Ohio.....
Black Hawk Mining Co., Cambria, Cal.....
Blackwelder, J. A., Catawba, N. C.....
Blackwell, S. J., Ball Ground, Ga.....
Blake, C. G., Cincinnati, Ohio.....
Bloomfield Iron Ore Co., Bloomfield, Ind..
Blue Ridge Co., Lynchburg, Va.....
Bluffton Iron Co., Bluffton, Ala.....
Blythe, J., & Son, Wellsville, Ohio.....
Boice & Son, Galena, Kan.....
Boiling Spgs I. Co., Boiling Spgs., Pa.....
Bond, J. B., Newburg, Tenn.....
Boonton Iron Co., New York.....
Bowman, D. A., Bakersville, N. C.....
Boyer, Solomon, Allentown, Pa.....
Bradley, H. M., Duluth, Minn.....
Bradt, E. F., Ishpeming, Mich.....
Brevard, A. F., Iron Station, N. C.....
Briar Hill I. & C. Co., Youngstown, Ohio..
Brilliant S. & I. Co., Brilliant, Ohio.....
Bristol Iron Mining Co., Ottawa, Ont.....
Britiana Mining Co., Milwaukee, Wis.....
Broddus & Co., Luray, Va.....
Brook Pitt Mining Co., Ore Hill, Conn.....
Brooke E. & G. Iron Co., Boyertown, Pa..
Brotherton Iron Mg. Co., Milwaukee, Wis..
Brown, Lewis P., North Groton, N. H.....
Brown, P. F., Ballietsville, Pa.....
Brown, S. A., Ballietsville, Pa.....
Brown & Jones, Emerson, Ga.....
Browning, W. T., Orbisonia, Pa.....
Bruce L. & Mg. Co., Bruce Mines, Ont....
Bruce Mining Co., New York.....
Brunswick Manganese Co., Boston, Mass..
Bucher, J. C., Boiling Springs, Pa.....
Buck, C. C., Austintown, Ohio.....
Buckeye Iron Co., St. Paul, Minn.....
Buck's Head Iron Mine, Bessemer, Mich..
Buckhorn Mine, Rocky Gap, Va.....
Buena Vista Iron Co., Philadelphia, Pa...
Buffalo Gap Iron Mines, Buffalo, Va.....
Buffalo Iron Co., Nashville, Tenn.....
Buffalo Mining Co., Milwaukee, Wis.....
Bully Choop Mining Co., Ono, Cal.....
Bunting, Robt., Rat Portage, Ont.....
Burdette, D. B., Belleville, Ont.....
Burgess, Geo. H., New Haven, Conn.....
Busley, J. W., North Groton, N. H.....
Butz, John S., Alburtis, Pa.....
Butz Bros. & Licktenwalmer, Alburtis, Pa.
Caldwell, N. C., M. P. P., Lanark, Ont...
Caledonia Iron Mine, Pence, Wis.....
Caledonian Mg. & Mfg. Co., Graeffenburg, Pa .....
California Iron & Ore Co., Ancram Lead Mines, New York.....
California I. & S. Co., San Francisco, Cal.
Cambria Mg. Co., Negaunee, Mich.....
Cameron Iron & Coal Co., Cameron, Pa....
Camgie Bros. & Co., Benore, Pa.....
Campbell, J. B., Radcliff, Ohio.....
Campbell Iron Co., Campbell, Ohio.....
Campbell Iron Co., St. Paul, Minn.....
Canton Iron Co., Chicago.....
Capital Iron Mine, Valley, Wash.....
Carlisle Mg. & Paint Co., Carlisle, Pa.....
Carolina Mg. & Inv. Co., Danbury, N. C...
Carson, D., West Plains, Mo.....
Carter, G. L., Foster Falls, Va.....
Catoctin Co., New York.....
Catoctin Mtn. I. Co., Catoctin Fur., Md...
Cavinte, Y. M., Decaturville, Tenn.....
Central Co. Iron Mine, Hamlet, Ga.....
Central Iron & Steel Co., Brazil, Ind.....
Central Vermillion Iron Co., St. Paul, Minn .....
Cessna, Daniel, Fossilville, Pa.....
Chambers, Roberts, New Glasgow, N. S..
Champion Iron Co., Beacon, Mich.....
Champion Mg. Co., Darlington, Wis.....
Chandler Iron Co., Ely, Minn.....

Chapin Mg. Co., Iron Mountain, Mich.....
Chapman & Hocking, Baltimore, Md.....
Chateaugay Ore Bed Co., Lyon Mtn., N. Y.
Chateaugay Ore & Iron Co., New York....
Chatfield Mining Co., Ore Hill, Conn.....
Chattahooche Iron Co., Canton, Ga.....
Cherokee Iron Co., Cedartown, Ga.....
Cheshire Iron Co., Sharpsville, Pa.....
Chester Iron Co., Philadelphia, Pa.....
Chestnut Hill Iron Co., New York.....
Chestnut Hill Iron Ore Co., Columbia, Pa.
Chicago Iron Co., Duluth, Minn.....
Chicago Nickel Co., White Fish, Ont.....
Chrigstone I. Mg. Co., Milwaukee, Wis...
Churchill, E., & Son, Hansport, N. S.....
Chutts, A., & Son, Samsonville, Ohio.....
Chuver Ore Bed Co., Moriah, N. Y.....
Cincinnati Iron Co., Duluth, Minn.....
Claire, Dudint & Co., Rempel, Ohio.....
Claire Mg. Co., Milwaukee, Wis.....
Clare Iron Co., Portsmouth, Ohio.....
Clark Iron Co., Duluth, Minn.....
Clarks Ore Bank, Delton, Va.....
Cleveland Iron Co., Duluth, Minn.....
Cleveland Iron Mg. Co., Ishpeming, Mich..
Clingstone Iron Mg. Co., Milwaukee, Wis.
Cochran, R. P., Milltown, Pa.....
Coffin, Chas. E., Muirkirk, Md.....
Colbert & Co., Rockmart, Ga.....
Colby Iron Mg. Co., Bessemer, Mich.....
Cole, W. H., Hazeldell, Pa.....
Coleman, Robt., Camargo, Pa.....
Coleraine Iron Co., Redington, Pa.....
Collins Bros., Benore, Pa.....
Colorado Fuel & Iron Co., Denver, Colo....
Columbia Fuel & Iron Co., New York.....
Columbia Iron Mg. Co., Crystal Falls, Mich
Columbia Iron & Mg. Co., New York.....
Columbia Mg. Co., Alma, Wis.....
Commonwealth Iron Co., Cleveland, Ohio..
Compromise Mg. Co., Billings, Mont.....
Compton, Johana, Peavine, Nev.....
Con. Impl. Co., Cedar City, Utah.....
Cons. Masaba Mg. Co., Duluth, Minn.....
Consolidated Mg. Co., Ishpeming, Mich...
Cook, D. S., Wrightsville, Va.....
Cooper, Est. of J., Port Oram, N. J.....
Cooper & Hewett, Ringwood, N. J.....
Cooper & Schermerhorn, Galena, Kan.....
Copeland, W., San Luis Obispo, Cal.....
Coplay Iron Co., South Bethlehem, Pa.....
Cordick, Robt., Perth, Ont.....
Cornwall Ore Bank Co., Cornwall, Pa.....
Cox, C. N., Sheppards, Va.....
Cox, J. M., Kaolin, Ala.....
Cranberry Imp. Co., Philadelphia, Pa.....
Cranberry Iron & Coal Co., Cranberry, N. C.....
Credit Forks Mg. & Mfg. Co., Toronto, Ont.
Cripple C'k I. Mfg. Co., Ivanhoe Furnace, Va.....
Crowe, Robert, Galena, Kan.....
Crown Pt. Iron Co., Crown Point, N. Y....
Cuff Iron Mg. Co., Norway, Mich.....
Cumberland Mg. Co., Ono, Cal.....
Cupp, Anderson, Vicar Switch, Va.....
Curry Iron Mg. Co., Norway, Mich.....
Daigler, F., Hanoverville, Md.....
Dakin Bros., Millerton, N. Y.....
Parks, Wm., Waldo, Ore.....
Darlington & Bowers, New Bloomfield, Pa.
Daugherty, W. T., Stone Hill, Mo.....
Davis Digging Co., Lakeville, Conn.....
Davis, G. W., Middletown, Cal.....
Davis, M. J., James Creek, Pa.....
Davis Mg. Co., Marquette, Mich.....
Davis Pyrites Co., New York.....
Davis & Houghton, Valley, Wash.....
Dawson, A. E., Whitewater, N. Mex.....
Dawson, S. J., Port Arthur, Ont.....
Deady, C. L., Belmont, Nev.....
Dean & McArthur, Wickes, Mont.....
Derr & Reinhardt, Derr, N. C.....
Detroit Iron Mg. Co., Detroit, Mich.....
Dexter Con. Mg. Co., Detroit, Mich.....
Dexter Iron Mg. Co., Marquette, Mich....
Diamond Iron Mg. Co., Minneapolis, Minn.
Doble, Capt. Chas., Nickel Mines, Pa.....
Dodson, J. C., & Sons, Pilot Mtn., N. C....
Donaldson, G. I., Beltsville, Md.....
Donaldson & Co., Mt. Healy, Ont.....
Dragon Iron Mine, Eureka, Utah.....
Dresher, Sam, Mertztown, Pa.....
Dockert, J. M., Hillside, Colo.....
Duff, J. C., Darlington, Pa.....
Dufford Mg. Co., Philadelphia, Pa.....
Duncan, Peter S., Ore Hill, Pa.....
Duncannon Iron Co., Duncannon, Pa.....
Dunkirk Ore Mines, Loveville, Pa.....
Dunn Iron Mg. Co., Milwaukee, Wis.....
Duval, Fred., Muirkirk, Md.....
East Dangler I. Mg. Co., Bessemer, Mich.
East N. Y. Iron Co., Ishpeming, Mich....
East Tennessee Mg. Co., South Watauga, Tenn.....
Echols Co., Balcony Falls, Va.....
Eckert, M. L., Guts Station, Pa.....
Elliott, R., San Luis Obispo, Cal.....
Embreville Freehold Land Iron Ry. Co., Embreville, Tenn.....
Emmons, A. & Bros., Galena, Kan.....
Enterprise Mg. & Trans. Co., New York..
Erwin, Henry, Lehigh Gap, Pa.....
Escanaba Land & Iron Co., Swanzy, Mich.
Escanaba River L. & I. Co., Negaunee, Mich.....
Essex Iron Co., New York.....
Etna Furnace Co., Etna, Ga.....
Eureka Iron Co., Glen Wilton, Va.....
Eureka Iron Mg. Co., Bessemer, Mich....
Eureka Mg. Co., Ramsay, Mich.....
Eva M. & M. Co., Pulaski City, Va.....
Fahler, Leonard, Sligo, Pa.....
Fayal Iron Co., Chicago, Ill.....
Ferguson, John, Newcastle, B. C.....
Finlay, J. H., Wakefield, Mich.....
Finlay Mining & Exploring Association, Negaunee, Mich.....
Fish, J. S., Young Cane, Ga.....
Fisher, Elis, Newport, Pa.....
Fitzgerald & Smith, Gadsden, Ala.....
Fitzsimmons, Thos., Antwerp, Ohio.....
Florence I. River Co., Stambaugh, Mich.
Florence River Iron Co., Florence, Wis..
Foley, Mark, Hanover, Md.....
Folk, Chas., Mertztown, Pa.....
Forbes, Carmichael Co., Wellsburg, W. Va.....
Forbes Ore Bed, Lakeville, Conn.....
Forbes Ore Bed Co., Salisbury, Conn.....
Forest of Dean Iron Ore Co., Poughkeepsie, N. Y.....
Forge Hill Mg. Co., Plainfield, N. J.....
Forge Hill Mg. Co., New York.....
Foster Iron Exp. Co., Metropolitan, Mich.
Foxdale Iron Mg. Co., Ishpeming, Mich..
Franklin I. Co., Franklin Furnace, N. J..
Franklin Iron Mg. Co., Iron Hill, Tenn..
Fritch, T. L. & Bro., Mertztown, Pa....
Fultz, Daniel, Altamont, Tenn.....
Fundicion Nacional Mexicana La Gran, Monterey, Mex.....
Gabel, Jones & Gabel, Pottstown, Pa....
Garber, H., Marble Valley, Va.....
Georgia Manganese Co., Cave Spring, Ga.
Germania Iron Mg. Co., Hurley, Wis.....
Gibson & Mitchell, Champion, Mich.....
Gilchrist, J. B., Whitewater, N. Mex....
Glasgow Dev. Co., Norfolk, Va.....
Glendon Iron Co., Boston, Mass.....
Gogebic Dev. Co., Hurley, Wis.....
Goodhart, E. & Co., Stoughstown, Pa....
Gordon, John, Hanoverville, Md.....
Gossett, W. C., Evensville, Tenn.....
Gouverneur Iron Ore Co., Gouverneur, N. Y.....
Gracey-Woodward Iron Co., Clarksville, Tenn.....
Graham, P. B., Middletown, Cal.....
Gray, Wm. J., Detroit, Mich.....
Great Ngrthern Mg. Co., Duluth, Minn..
Great Western Mg. Co., Duluth, Minn...
Green Creek I. Co., National Mine, Mich.
Greenebaum, A., Alga, Pa.....
Greenebaum, Isaac, Alga, Pa.....
Greenway & Walker, Greenway, Va.....
Greese, Geo. G., Alburtis, Pa.....
Griffits, H., Rye Valley, Va.....
Griswold, W. A., Altamont, Tenn.....
Groveland Iron Mining Co., Metropolitan, Mich.....
Gulden, J. D., Alga, Pa.....
Gundry, Moses, Princetown, Pa.....
Guth, Calvin, Guths Station, Pa.....
Haden, C. V., Evington, Va.....
Haggerty, Andrew, Radcliff, Ohio.....
Haggerty, Thos., Radcliff, Ohio.....
Hale Iron Co., Duluth, Minn.....
Hall & Knight, Wellsburg, W. Va.....
Haltclew, R. J., Elk Park, N. C.....
Hammond, J. W., Gadsden, Ala.....
Hardy, E. A., Oat Hill, Cal.....
Harris, W. H., Greenway, Va.....
Hart & Co., Hannah, Pa.....
Hartford Mg. Co., Negaunee, Mich.....
Hartsock, A. M., Mason's Store, Va.....
Harvey Iron Co., Ishpeming, Mich.....
Hawke & Bro., Strodes Mills, Pa.....
Hayes, P. R., Cogan Station, Pa.....
Hayne, John, Iron Ridge, Wis.....
Haynes, H. H., Bristol, Tenn.....
Heck, Lewis, Heckton Mills, Pa.....
Heckscher & Sons, Weldon, N. J.....
Hecla Iron & Mg. Co., Ironton, Ohio....
Helen Bess Mining & Quarrying Co., Birmingham, Ala.....
Hematite Co., Foster's Falls, Va.....
Hematite Iron Ore Mines, Millerton, N. Y.
Hematite I. & Mfg. Co., Cedartown, Ga...
Hematite Mg. Co., Cave Spring, Ga.....
Hemlock River Mg. Co., Cleveland, Ohio..
Heninger, N. G., Trexlertown, Pa.....
Henley, W. B., Sandidges, Va.....
Hensley, B., Newburg, Tenn.....
Henson, Dr., Rat Portage, Ont.....
Hetrick, Sol., James Creek, Pa.....
Hibbing, Frank, Duluth, Minn.....
High, S. S., Norway, Mich.....
Hilliermaus Mg. Co., Dover, N. J.....
Himes, Daniel, Newburg, Tenn.....
Hirst, W. M., James Creek, Pa.....
Hobbs, G. W., Hanoverville, Md.....
Hobishaw, Thos., Middletown, Cal.....
Hoch-Hoching Iron Co., St. Paul, Minn..
Hoffman, Frank, Osier, Colo.....
Hollidaysburg & Gap I. Co., Ore Hill, Pa.
Holmes & Inch, Rat Portage, Ont.....
Holst, Samuel, Wymps Gap, Pa.....
Homer, Bank, Foster's Falls, Va.....
Hook, J. A., Sligo, Pa.....
Hoover, R., Woodbury, Pa.....
Hortense Mg. Co., Detroit, Mich.....
Horton Mg. Co., Duluth, Minn.....
Houston Mg. Co., Buchanan, Va.....
Hudson Iron Co., Hudson, N. Y.....
Hudson River Ore & I. Co., New York....
Hughes & Bramlitt, Pulaski City, Va....
Humphreys, A. E., Duluth, Minn.....
Hutter, E. P., Troutville, Va.....
Hyatt, J. L., Burnesville, N. C.....
Hyden, D. I., Sherando, Va.....
Idaho Mining Co., Salina, Kan.....
Imperial Iron Co., Boston, Mass.....
Imperial Iron Mg. Co., Detroit, Mich.....
Indian Camp Mg. Co., Baltimore, Md....
Inter Ocean I. Mg. Co., Milwaukee, Wis..
Ione Coal & Iron Co., Ione, Cal.....
Iron Belt Mg. Co., Cleveland, Ohio.....
Iron Belt Mg. Co., Duluth, Minn.....
Iron Chief Mg. Co., Duluth, Minn.....
Iron Cliff Mg. Co., Duluth, Minn.....
Iron Cliffs Co., Ishpeming, Mich.....
Iron Mfg. Co., Pence, Wis.....
Iron Mountain Co., Middle Brook, Mo....
Iron Mt. Mg. Co., Shasta, Cal.....
Iron Star Co., Detroit, Mich.....
Irwin Mg. Co., Irwin, Pa.....
Isett, I. A., James Creek, Pa.....
Islen, Adrian, Stanley, Pa.....
I. X. L. Mine, Colville, Wash.....
Jackson Iron Co., Negaunee, Mich.....
Jackson & Co., Belmont, Nev.....
Jacksonville I. & S. Co., Jacksonville, Ala.
Jacksonville Mg. & Mfg. Co., Jacksonville, Ala.....
Jefferson Iron Co., Antwerp, N. Y.....
Jefferson Iron Co., Jefferson, Tex.....
Jenkins & Co., Galena, Kan.....
Johnson, F. A., Norway, Mich.....
Johnson, L. H., Caledonia, Ont.....
Johnston, Geo., James Creek, Pa.....
Jordan, C. F., Snowden, Va.....
Jordan, D., Riverville, Va.....
Josephine Mg. Co., San Luis Obispo, Cal..
Kalb, J. H., Wescosville, Pa.....
Kaministiquia I. Co., Kaministiquia, Ont.
Kanawha Mg. Co., Duluth, Minn.....
Kaolin Chemical Co., Philadelphia, Pa....
Kaufman, John G., Moselem, Pa.....
Keewatin Iron Co., Duluth, Minn.....
Kellar & Co., Martinsville, W. Va.....
Kelley, Wm., Marmora, Ont.....
Kelly, R. M., Waldo, Ore.....
Kemble Iron Co., Riddlesburg, Pa.....
Kent Iron Co., Kent Furnace, Conn.....
Keystone Iron Co., Duluth, Minn.....
Kidd, A. H., Summertown, Tenn.....
Kidder, Alfred, Marquette, Mich.....
Kimberly, P. L., Sharon, Minn.....
King, Albert, & Warner, Columbus, Ohio.
Kingston Iron Co., Christiansburg, Va...
Kingston & Pembroke Iron Mining Co., Kingston, Ont.....
Kispaugh Mg. Co., Danville, N. J.....
Kittanning Mg. Co., Kittanning, Pa.....
Knox & Osborne, Knoxville, Cal.....
Kollar, G. V., New Philadelphia, Ohio....
Kroger, Redway & Co., Cincinnati, Ohio..
Labby, J. L., Duluth, Minn.....
Lackawanna Iron Co., Duluth, Minn.....

IRON—Continued.

Ladd, Wm., Tracy, Cal.
Laffey, M., Hanoverville, Md.
Lake Champlain Iron Ore Co., Pt. Henry, N. Y.
Lake, H. W., Daggett, Cal.
Lake Superior Con. Iron Mines, New York.
Lake Superior Iron Co., Duluth, Minn.
Lake Superior I. Co., Ishpeming, Mich.
Lake Superior Iron Mining Co., Hibbing, Minn.
La Mont Iron Mine, Crystal Falls, Mich.
Lambly, W. H., Iverness, Minn.
Lamp, Lewis, Princeton, Pa.
Lanck & Shelley, Dillsburg, Pa.
Laros, J. D., Fogelsville, Pa.
Laurence, Chas., Alburtis, Pa.
Lawrence, Z. T., Farill, Ala.
Layman, J. G., Troutville, Va.
Leet, A. D., Mt. Athos, Va.
Leghorn Mg. & Mfg. Co., Reading, Pa.
Leigh C. & I. Co., St. Paul, Minn.
Lellie Mg. Co., Negaunee, Mich.
Leopold Mining Co., Bealeton, Va.
Letcher, W. H., Dillsburg, Pa.
Lewis, B. W., Gunnison, Colo.
Liberty Iron Co., Philadelphia, Pa.
Lichtenwalmer, Frank, Alburtis, Pa.
Lichtenwalmer, J. C., Fogelsville, Pa.
Lillie Iron Mg. Co., Negaunee, Mich.
Lincoln Iron Mg. Co., Escanaba, Mich.
Linn, M. J., Bluffton, Ala.
Linwood Mining Co., Littleville, Ala.
Litzenberger & Bro., Litzenberg, Pa.
Llano Imp. & Fur. Co., Llano, Tex.
Logan Iron & Steel Co., Burcham, Pa.
London Iron Co., Amenia, N. Y.
Londonderry I. Co., Ltd., Acadia Mines, N. S.
Lone Jack Iron Co., Duluth, Minn.
Longdale Iron Co., Longdale, Va.
Longnecker, G. A., Mechanicsburg, Pa.
Longyear Iron Mg. Co., Hibbing, Minn.
Loretto Iron Co., Chicago, Ill.
Loretta Iron Co., Ludington, Mich.
Louden, Hopkins, Rosiclare, Ill.
Loundes, Henry, Toronto, Ont.
Lowell Iron Mg. Co., Cleveland, Ohio.
Lowmoor Iron Co., Lowmoor, Va.
Luther, J. M., Marion, Va.
Lykens & Glass, Henrietta, Pa.
Lynchburg I. Co., Blue Ridge Spgs., Va.
McAndrew, John, Renfrew, Ont.
McConack, M., Sudbury, Ont.
McCracken, Scott, James Creek, Pa.
McDonnell, Aug. J., Sudbury, Ont.
McDougall, John, Drummondville, Que.
McEwan Bros., Bay City, Mich.
McGugin & Co., Olive Furnace, Ohio.
McKay, Ed., Renfrew, Ont.
McKellar Bros., Fort William, Ont.
McKey, B., Muirkirk, Md.
McKinley Iron Co., Duluth, Minn.
McKinney, Isaac, Bakersville, N. C.
McLaren, Peter, Perth, Ont.
McManigal, R. D., Radcliff, Ohio.
McNary, G. K. W., Copper Basin, Ariz.
McVety, J. A., Leeds, Que.
McVithe, Wm., White Fish, Ont.
Mager, R. C., Rawlins, Wyo.
Maillard, A., San Rafael, Cal.
Mammoth Mg. Co., Madison, Wis.
Mankwell, Thos., Millerstown, Pa.
Marlin, R. C., Muirkirk, Md.
Marquette Iron Syn., Milwaukee, Wis.
Marsh, W. W., Schooleys Mtn., N. J.
Marshall Furnace Co., Newport, Pa.
Marter, G. F., Toronto, Ont.
Martin, P. H., Duluth, Minn.
Maryland Steel Co., Sparrows' Point, Md.
Mattawin I. & Mg. Co., Ft. William, Ont.
Maul, I. H., Ironore, Pa.
Max Meadow Iron Co., Philadelphia, Pa.
Means, Kyle & Co., Hanging Rock, Ohio.
Mendenhall, A., Livermore, Cal.
Merrimac Mining Co., Castle, Mont.
Merritt, M. T. C., Lynch's Sta., Va.
Mesabi Chief Iron Co., Duluth, Minn.
Mesabi Iron Co., Duluth, Minn.
Mesabi Land Co., Duluth, Minn.
Metcalf, Evans & Walbridge, Midland, Mo.
Metropolitan I. & L. Co., Milwaukee, Wis.
Metropolitan Mg. Co., Metropolitan, Mich.
Meyers, C. H., Wellsburg, W. Va.
Michigamme Co., Michigamme, Mich.
Michigan L. & I. Co., Marquette, Mich.
Mikado Mg. Co., Detroit, Mich.
Millbrook, John, Muirkirk, Md.
Mill Creek Mg. Co., St. Paul, Minn.
Millie I. Co., Iron Mountain, Mich.
Mills, James, Shade Gap, Pa.
Minneapolis I. Co., Minneapolis, Minn.
Minnesota I. Co., Chicago, Ill.
Minerva Iron Co., Milwaukee, Wis.
Minnesota Iron Co., Tower, Minn.
Minnesota & N. Western I. Co., Milwaukee, Wis.
Missabe Mtn. I. Co., Duluth, Minn.
Missabe & Northern Townsite Co., Duluth, Minn.
Missouri Iron Co., St. Louis, Mo.
Moatz, P., Breingsville, Pa.
Mont. Alto I. Co., Mont Alto, Pa.
Montreal Mg. Co., Hurley, Wis.
Montreal River I. Mg. Co., Cleveland, O.
Moore, N. D., Duluth, Minn.
Moorehead, J. T., Roberta, Va.
Morange Mg. Co., Attalla, Ala.
Morning Mg. Co., Milwaukee, Wis.
Morris, W. J., Perth, Ont.
Moulder, L. K., Galena, Kan.
Mt. Hope Mg. Co., New York.
Mt. Pleasant Mg. Co., Port Oram, N. J.
Mountain Iron Co., Duluth, Minn.
Mountain Lake Co., Jack Fish Bay, Ont.
Mowers, P. A., Cleversburg, Pa.
Moyer, Geo., James Creek, Pa.
Mumaw, S. D., Cabin Hill, Va.
Mundy, J. C., Allen's Creek, Va.
Munsert, M. L., Clintonville, Wis.
Munz, M., Middletown, Cal.
Murray Iron Works, Burlington, Iowa.
Nannie Mount Acid & Mg. Co., Yorkville, S. C.
Napier Iron Co., Napier, Tenn.
Negaunee Mg. Co., Negaunee, Mich.
Nells & Stone, E. Saginaw, Mich.
Nelson, R. L., Rye Valley, Va.
Nepthe L. & Z. Mg. Co., Austinville, Va.
Newcomb, Wm. H., Silver City, N. M.
New England Co., New England, Ga.
New England Iron Co., Duluth, Minn.
New Glasgow I., C. & Ry Co., Ferrona, N. S.
New Glasgow I. & Charcoal Co., Springville, N. S.
New Idria Mg. Co., San Francisco, Cal.
New Jersey Iron Mg. Co., Dover, N. J.
New Jersey & Penn. Con. Works, New York
New York Mg. Co., Ishpeming, Mich.
Newport Mg. Co., Ironwood, Mich.
Nickel Belt Mg. Co., White Fish, Ont.
Nixon, G. W., Crudup, Ala.
Noble, Wm., Smedley, Pa.
Norman I. Mg. Co., Virginia, Minn.
Norrie I. Mg. Co., Ironwood, Mich.
North Car. I. Mines, Orehill, N. C.
North Car. S. & I. Co., Greensboro, N. C.
North Georgia Mg. Co., Cedartown, Ga.
Northern Chief Iron Co., Oshkosh, Wis.
Northern Land Mg. Co., Hancock, Mich.
Northwestern C. & I. Co., Buffalo, N. Y.
Northwestern Iron Co., Milwaukee, Wis.
Norway Iron, Mg. & Mfg. Co., Salt Lake City, Utah
Novelty Iron Works, Oskaloosa, Iowa.
Occidental Mg. Co., Weir, Kas.
Odanah Iron Co., Mifflin, Wis.
Ogden, J. G., Mifflin, Wis.
Oglesby, A. M., Foster's Falls, Va.
Oliver Mg. Co., Pittsburg, Pa.
Oneota Iron Mg. Co., Duluth, Minn.
Ontario Mg. Co., Cadott, Wis.
Orchard Bank, Foster's Falls, Va.
Oregon I. & S. Co., Portland, Ore.
Orinoco Mg. Co., Hudson, Wis.
Ormand & Co., Kings Mountain, N. C.
Oswego Iron Mg. Co., Portland, Ore.
Page & Co., Galena, Kas.
Paint River Iron Co., Ashland, Wis.
Palms I. Mg. Co., Bessemer, Mich.
Parfield Bros., Mifflin, Wis.
Park, G. M., Wellsburg, W. Va.
Parsons, Wm. H., Middleton, Cal.
Patrick, Jas., Eau Claire, Wis.
Patterson, J. H. & Bro., Batesville, Ark.
Payne, W. R., Bathurst, N. B.
Pearce, D. H., Radcliffe, Ohio.
Peck Mining Co., Cedartown, Ga.
Peery, W. & M., Tazewell, Va.
Pellow, Isaac, Millerstown, Pa.
Pellow & Barrett, Millerstown, Pa.
Pence & Snyder Dev. Co., Hurley, Wis.
Penn Iron Mg. Co., Vulcan, Mich.
Penn I. & C. Co., Canal Dover, Ohio.
Penn Steel Ore Co., Clintonville, N. Y.
Penn. Valley Mg. Co., Center Hill, Pa.
Pepper & Sons, Danbury, N. C.
Perry, E. N., Galena, Kas.
Peterborough & Frontenac Mg. Co., Peterborough, Ont.
Peters, J., Iron Co., Ironton, Ohio.
Pewabic Mg. Co., Milwaukee, Wis.
Philadelphia C. & I. Co., Tamaqua, Pa.
Phillips & Co., Galena, Kas.
Phoenix Iron Co., Joanna, Pa.
Phoenix I. Mg. Co., Marquette, Mich.
Phoenix Iron Works Co., Pittsburg, Pa.
Pierce, Jas., Radcliffe, Ohio.
Pierce, J. J., Sharpsville, Pa.
Pierce, Pinkey, Radcliffe, Ohio.
Pike Iron Mg. Co., Bayfield, Mich.
Pilot Knob Mg. Co., Childress, Va.
Pine Lake Iron Co., Ironton, Mich.
Pioneer Mg. Co., Ely, Minn.
Pioneer Vermillion I. Wks., Ely, Minn.
Pipe Option Mg. Co., Wakefield, Mich.
Pitcher, H. H., Livermore, Cal.
Pittsburg & Lake Angeline Iron Co., Cleveland, Ohio
Pittsburg & Lake Superior Iron Co., Pittsburg, Pa.
Platt Mg. & Mfg. Co., Bay City, Mich.
Polk Co. Mg. Co., Cedartown, Ga.
Pomeroy Mg. Co., Richmond Furnace, Mass.
Port Oram Tunnel Co., Port Oram, N. J.
Pottstown Iron Co., Pottstown, Pa.
Pountrous, G. R., Kreamer, Pa.
Poutins, Geo., Freeburg, Pa.
Powell, N. H., Marmora, Ont.
Presbury, O. S., Pt. Henry, N. Y.
Preston Iron Co., San Francisco, Cal.
Price, J. B., Prices's Fork, Va.
Prince Mfg. Co., Bowmans, Pa.
Prince of Wales Mg. Co., Milwaukee, Wis.
Puckinghorn, Wm., Negaunee, Mich.
Puget Sound Iron Co., San F., Cal.
Pulaski Iron Co., Philadelphia, Pa.
Putnam, P. H., Wakefield, Mich.
Pyrites Co., Ltd., Pilley's Island, N. F.
Queen Bee Mg. Co., Galena, Kas.
Queen City Iron Co., Queen City, Tex.
Queen City Mg. & D. Co., Helena, Mont.
Queen Mg. Co., Milwaukee, Wis.
Quinnimont C. & I. Co., Quinnimont, W. Va.
Raleson, John W., Broughton, Que.
Ratliff, Alex., Shack Mills, Va.
Raub, Farm, Butzville, N. J.
Rawlings, Z. W., Steele's Tavern, Va.
Ray & Burton, Burnsville, N. C.
Read, Grant, Middletown, Cal.
Reed Island Iron Co., Reed Island, Va.
Reeves, M. W., Batesville, Ark.
Reynolds Iron Co., Rendalia, Ala.
Reynolds, M., Hanoverville, Md.
Rhoe, Lower & Co., Montreal, Que.
Rich Patch Iron Co., Covington, Va.
Richards, Albert, Woodport, N. J.
Richlands Flint Glass Co., Richlands, Va.
Richland Mg. Co., Huntington, Pa.
Richmond I. Wks., Richmond Furnace, Mass.
Rider, J. W., Newburg, Tenn.
Ridgway, Burton & Co., Massillon, Ohio.
Ritchie, S. J., Akron, Ohio.
Riverside Iron Wks., Benwood, W. Va.
Roane Iron Co., Welker, Tenn.
Roaring Run Mg. Co., Strom, Va.
Roberts, E. S., Mastodon Mine, Mich.
Roberts, Sparks & Co., Welker, Tenn.
Robinson, E., Galena, Kas.
Rocca, Andrew & Co., Middletown, Cal.
Rochester & Pittsburg Coal & Iron Co., Rochester, N. Y.
Rock Creek Mg. Co., Rockfield, Ind.
Rock, Geo. G., Quincy, Pa.
Rock, Geo. J., Tomstown, Tenn.
Rock Run Iron & Mg. Co., Rock Run, Ala.
Rockhill Coal & Iron Co., Rockhill Furnace, Pa.
Rocky Mountain C. & I. Co., San F., Cal.
Rodgers & Dent, Shenandoah, Va.
Rogers, Brown & Co., Cincinnati, Ohio.
Rogers, D. M., Talladega, Ala.
Ronig, Samuel P., Topton, Pa.
Rossie Iron Works, New York.
Roth, George H., Mertztown, Pa.
Rouchleau-Ray I. & L. Co., Duluth, Minn.
Rough, J. H., Negaunee, Mich.
Round Mtn. Furn., Cedar Bluff, Ala.
Rounsley, James, Millerstown, Pa.
Roush & Bickle, Kreamer, Pa.
Rover Mg. Co., Roanoke, Va.
Ruggles & Randall, Grafton, N. H.
Rushmissille, G. S., Marble Valley, Va.
Russell, James, Renfrew, Ont.

Russell, Martin, Renfrew, Ont.....
Ruth Mg. Co., Iron Mountain, Mich.....
Ruth & Rachael Mg. Co., Quinnesec, Mich.
Ryan Mg. Co., Ironbelt, Wis.....
St. Louis Ore & Steel Co., St. Louis, Mo..
Sacry, Geo. A., Middletown, Cal.....
Salisbury Iron Mg. Co., Ishpeming, Mich.
Salisbury Iron Mfg. Co., Salisbury Furnace, Va. .....
San Antonio Oil Co., Hueneme, Cal.....
San Domingo & Hay Tun. Mg. Co., Oshkosh, Wis. .....
Santa Rita Cop. & I. Co., Boston, Mass...
Satterfield I. Mine, Cartersville, Ga.....
Sayers, R., Speedwell, Va.....
Schaeffer, Wm. B., Allentown, Pa.....
Schroeder & Moats, Guths Station.....
Schueyer & Liess, Bowers Station, Pa...
Scioto Furnace C. & I. Co., Scioto Furnace, Ohio .....
Scott, Jos. L., Rye Valley, Va.....
Scottdale I. & S. Co., Scottdale, Pa.....
Seattle Coal & Iron Co., Seattle, Wash..
Sellars I. Mg. Co., Hibbing, Minn.....
Sewell, John, Norway, Mich.....
Sewell, J. R., Cedar Bluff, Ala.....
Sharon Iron Co., Sharon, Pa.....
Sharp, Jackson, Radcliff, Ohio.....
Sharp, Jeno, Radcliff, Ohio.....
Shasta Iron Co., San Francisco, Cal.....
Shaver, A., Almond, Va.....
Shaw, D. I., Iron Mg. Co., Sherando, Va.
Shaw Iron Co., Duluth, Minn.....
Shaw & Churchill Co., Tenecape, N. S....
Shawnee C. & I. Co., Newark, Ohio.....
Sheble & Stelwagon, Moselem, Pa.....
Sheffield C., I. & S. Co., Sheffield, Ala...
Shelbina Mg. Co., Galena, Kas.....
Shelby Iron Co., Shelby, Ala.....
Shenandoah Fur. Co., Shenandoah, Va...
Shenango Mg. Co., Galena, Kas.....
Sheppard, Tom, Toronto, Ont.....
Sheridan Iron Co., Sheridan, Pa.....
Shores Mining Co., Ashland, Wis.....
Shultz, D. C., James Creek, Pa.....
Shultz, J. C., James Creek, Pa.....
Sieger Bros., Orefield, Pa.....
Siloam Springs Mining & Prospecting Co., Siloam Springs, Ark. .....
Silver, A. P., Cartersville, Ga.....
Sims, J. M., Trussville, Ala.....
Sinnemahoning I. & C. Co., Cameron, Pa.
Skaggs, W. H., Talladega, Ala.....
Skeen, Gen. W., Covington, Va.....
Sloss I. & S. Co., Birmingham, Ala.....
Smalls, J. W., Meadow Mills, Va.....
Smellie, J. Wilson, Middletown, Va.....
Smith, L. H., Burnsville, N. C.....
Smith, S. E., Sherbrooke, Que.....
Smith, W., Galena, Kan.....
Smith & Avery, Mont Alto, Pa.....
Snyder, W. M., Spring City, Tenn.....
Soddy Coal, I. & Ry. Co., Soddy, Tenn..
Soledad y Anexas, La., Oaxaca, Mex.....
South Birmingham C. & I. Co., Helena, Ala. .....
South Mountain Mining & I. Co., Pine Grove Furnace, Pa. .....
South Side Iron Co., Boiling Spgs., Pa...
South Side Mg. Co., Galena, Kan.....
Southern C. & I. Co., Richmond, Va.....
Southern Iron Co., Attalla, Ala. .....
Southern Ohio C. & I. Co., Dayton, Ohio..
Southwestern C. & I. Co., New York.....
Spang, J. K., Moselem, Pa.....
Spanish-American Iron Co., New York...
Sparks, O., Galena, Kan.....
Sparta Iron Mg. Co., Wakefield, Mich...
Spathite Iron Co., Florence, Ala.....
Speedwell Iron Co., Speedwell, Va.....
Spur Iron Mg. Co., Detroit, Mich.....
Starks, Marcus, Anniston, Ala.....
Starr, J. N. & Co., Monticello, Minn.....
Stambaugh, Eli, Falling Springs, Pa.....
Stamers, Fred., Attalla, Ala.....
Standard Ore Co., Duluth, Minn.....
Standard Pyrites Co., Pilleys Island, N. F.
Starwest Mining Co., Palmer, Mich.....
Stephens, J. W., Tenecape, N. S.....
Stephens, Wm., Tenecape, N. S.....
Sterling Iron & R. W. Co., New York.....
Sterling Iron & Zinc Co., Philadelphia, Pa.
Stevens & Co., Huffman, Ala.....
Stewart, Geo. H., Shippensburg, Pa.....
Stive & Shume, Galena, Kan.....
Stobie, Jas., Stobie, Ont.....
Stockbridge I. Co., W Stockbridge, Mass.
Stone, Ed., Healy, Nev.....
Stone & Gove, Galena, Kan.....
Stoner, K. B., Fincastle, Va.....
Story Bros., Milwaukee, Wis.....
Struble & Johnston, State College, Pa....
Sturgeon River Iron Mining Co., Metropolitan, Mich. .....
Sugar Valley & Carbondale Iron Co., Sugar Valley, Ga. .....
Sullivan Iron Co., Duluth, Minn.....
Sullivan, Jno., Lovelocks, Nev.....
Sunbury Iron Works, Sunbury, Pa.....
Sunday Lake & Gogebic Co., Milwaukee, Wis. .....
Superior Sunset Mining Co., West Superior, Wis. .....
Sutherland, M., El Paso, Tex.....
Swengle, C. P., Paxtonville, Pa.....
Tallapoosa Iron Co., Tallapoosa, Ga.....
Talliaferro, J. M., Sandiges, Va.....
Tamarack Junior Mg. Co., Boston, Mass..
Tate, M. C., Allenwood, Pa.....
Taylor, Washington, Riegelsville, Pa.....
Tenn. C., I. & Ry. Co., Nashville, Tenn.
Tennessee Coal & Iron Co., New York..
Tenn. River I. Ore Co., Knott, Tenn....
Thomas Iron Co., Ironton, Pa.....
Thompson, Jas. G., Gadsden, Ala.....
Tilden Mine, Ironwood, Mich.....
Tillis, Peter, Chewton, Pa.....
Tintic Iron Co., Salt Lake City, Utah....
Tisdale, Thos., Cayuga, Ont.....
Tobin Exp. Mg. & Mfg. Co., Milwaukee, Wis. .....
Topton Furnace Co., Topton, Pa.....
Torbrook Iron Co., Ltd., Torbrook Mines, N. S. .....
Tower, O. E. & Bros., Poughkeepsie, N. Y. .....
Trigg, R. & Son, Chewton, Pa.....
Trimble, A. J., Duluth, Minn.....
Trombley, Peter, Clayburg, N. Y.....
Trussville Fur. & Mg. Co., Trussville, Ala.
Turpin, W. C., Showalter, Va.....
Tuttwiler C., C. & I. Co., Blossburg, Ala..
Tyson Mining Co., Baltimore, Md.....
Underwood, Alex., Mechanicsburg, Pa....
Union Coal & Iron Co., Coaltown, Pa....
United Mining Co., Detroit City, Minn....
Ute Pass Paint Co., Colorado City, Colo..
Valencia Mining Co., Milwaukee, Wis....
Vanzant, T. C., Orbisonia, Pa.....
Vermillion Iron Mg. Co., Milwaukee, Wis.
Vest & Co., Galena, Kan.....
Vickuman & Young, Mifflin, Wis.....
Victoria Ore Mines, Rockbridge, Va.....
Vigo Iron Co., Vigo, Ind.....
Virginia C. & I. Co., Big Stone Gap, Va...
Virginia Iron Co., Duluth, Minn.....
Virginia Iron & Ry. Co., Goshen, Va.....
Virginia Pyrites Co., Richmond, Va.....
Virginia St., I. & Slate Co., Richmond, Va.
Volunteer Iron Co., Detroit, Mich.....
Von Licht, Col. F., Middletown, Cal.....
Vulcan Iron Co., Duluth, Minn.....
Wadle, Andrew, Sudbury, Ont.....
Wahkoolah Mining Co., Duluth, Minn.....
Walker Iron Co., Rising Favor, Ga.....
Walters, J. J., Pope Valley, Cal.....
Walters, Mr., Ronald, Wash.....
Warwick Iron Co., Pottstown, Pa.....
Watts Coal & Iron Co., Warrior, Ala....
Watts, Ed., Perth, Ont.....
Weilep, E. C., Galena, Kan.....
Welch, Coleman, Hanoverville, Md.....
West Point Mg. & Mfg. Co., West Point, Tenn. .....
West Republic Mg. Co., Republic, Mich..
Wharton, Jos., Nickel Mines, Pa.....
Wharton, Jos., Port Oram, N. J.....
Wheat Iron Mg. Co., Palmer, Mich.....
Wheeling I. & Nail Co., Wheeling, W. Va.
White, A. E., Clifton Forge, Va.....
White, Wm., Plevna, Ont.....
Whitlock, J. R., Paskenta, Cal.....
Whittaker Iron Works, Wheeling, W. Va.
Wieler, C. & Bro., Alburtis, Pa.....
Wiggins, Monk, Healy, Nev.....
Wigton, W. H., Gatesburg, Pa.....
Williams C. & I. Co., Mineral Ridge, O...
Williams, John M., Rye Valley, Va.....
Williams & Robeson, Galena, Kan.....
Wills, H. & Son, Pottstown, Pa.....
Wills, Wm., Stoneville, Mich.....
Wilson, John, Concord Depot, Va.....
Wilson, John, Perth, Ont.....
Wilson, S. M., Edge Hill, Pa.....
Windsor Mining Co., Hurley, Wis.....
Winthorp Iron Co., Ishpeming, Mich.....
Wisconsin I. & L. Co., Spring Valley, Wis.
Wissler, J. & Co., Winchester, Va.....
Witherbee, Sherman & Co., Pt. Henry, N. Y. .....
Womack, V., Bluffton, Ala.....
Wonn, W. M. Co., Mifflin, Wis.....
Woodson, Jas., Iron Gate, Va.....
Woodward Iron Co., Woodward, Ala.....
Worth, David W., Pilot Mountain, N. C..
Worthington, J. W. & Co., B'gham, Ala..
Worthington, Elliott & De Bardelsben, Birmingham, Ala. .....
Worths, John L., Mt. Airy, N. C.....
Wray Iron Co., Walthrall, Ga.....
Wray Mining Co., Cedartown, Ga.....
Wright & Buckland, Medical Spgs., Ore..
Wyatt, Grant, Duluth, Minn.....
Wylie, B. M., Petersborough, Ont.....
Wylie, Wm. H., Carleton Place, Ont.....
Wylie & Weeks, Carleton Place, Ont.....
Wyoming Iron Co., Duluth, Minn.....
Young, Andrew, Troutdale, Va.....
York Iron Co., Milwaukee, Wis.....
Zenith Iron Co., Duluth, Minn.....
Zicarilla I. Mg. Co., White Oaks, N. Mex.

KAOLIN:

American Kaolin Co., Portland, Ore.....
Graham Kaolin Co., Philadelphia, Pa.....
Harris Clay Co., Dillsboro, N. C.....
Lamar, T. G., Kaolin Co., Langley, S. C..
New Castle Kaolin Mg. & Mfg. Co., Newcastle, Colo. .....

LEAD AND ZINC:

Alba Co., Carthage, Mo.....
Allum, J. F., White Pine, Colo.....
Alvey & Clevenger, Zincite, Mo.....
American Mg. Co., Joplin, Mo.....
American Zinc Co., Carthage, Mo.....
American Zinc-Lead Co., Boston, Mass.....
Anaconda Mg. Co., Linden, Wis.....
Anderson, Gus., Illicillewaet, B. C.....
Aneer, D., Mifflin, Wis.....
Anitua San Felipe Antonio, Topia, Mex....
Ansden, L. P., Jamestown, Wis.....
Apple, M. M., & Sons, Aurora, Mo.....
Arthur & Rink, Mineral Point, Wis.....
Ashercroft, Reynolds & Co., Webb City, Mo.
Ash Grove L. & Z. Mg. Co., St. Louis, Mo.
Ashworth & Jevons, Ainsworth, B. C.....
Bailey, W. P., Platteville, Wis.....
Bain & McLelland, Webb City, Mo.....
Baisleck, Wm., Meeker's Grove, Wis.....
Banfield, J. B., Illicillewaet, B. C.....
Banner M. & M. Co., St. Louis, Mo.....
Barber Mg. Co., Joplin, Mo.....
Beake, Frank, Oakley, Idaho.....
Beasley, G. W., Carterville, Mo.....
Benton L. & Z. Mg. Co., Benton, Wis.....
Berry Land Mg. Co., Aurora, Mo.....
Berry & Co., Aurora, Mo.....
Bertha Zinc & Mg. Co., New York.....
Bevis, E. A., Osburn, Idaho.....
Bishop, J. L., Beetown, Wis.....
Bishop Mg. Co., Joplin, Mo.....
Black, Jno., Hamilton, Nev.....
Black Land Mg. Co., Aurora, Mo.....
Bladen & Harris, Cedar City, Utah.....
Blend Mg. Co., Joplin, Mo.....
Bonanza Mg. Co., Galena, Kan.....
Bowham, F. & Co., Beetown, Wis.....
Bowyer, R. P., Mumford, Mo.....
Boyd & Bain Co., Illicillewaet, B. C.....
Bradley, J. W., & Co., Powell, Ark.....
Brando, A. J., Jamestown, Wis.....
Brewer Bros. & Parks, Joplin, Mo.....
Brinkerhoff Zinc Co., Aurora, Mo.....
Brown, W. H., Webb City, Mo.....
Brunskill, John, Dubuque, Iowa.....
Buffalo Zinc & Copper Co., St. Louis, Mo..
Burlington Mg. Co., Joplin, Mo.....
Burraston, Jas., Mona, Utah.....
Butler, B. F., Mg. Co., Granby, Mo.....
Caldwell, S. H., Webb City, Mo.....
Callow Bros., Clark Fork, Idaho.....
Calvert Bros., Benton, Wis.....
Campbell, A. B., Wallace, Idaho.....
Carbonate Mt. Mg. Co., Clark Fork, Idaho.
Carlisle, Gobar & Tomlinson, Joplin, Mo...
Carrol County Zinc Co., Logansport, Ind..
Casey & Co., Aurora, Mo.....
Cave Spring Mg. Co., Joplin, Mo.....
Central Lead Co., St. Louis, Mo.....
Central Mg. Co., Elvins, Mo.....
Central Mg. Co., Galena, Kan.....
Chase, C. S., Buffalo, N. Y.....
Chatham Mg. Co., Cartersville, Mo.....
Cherokee Mg. Co., Cartersville, Mo.....
Cherokee Zinc Co., Weir, Kan.....

LEAD AND ZINC—Continued.

Chestnut Zinc Mg. Co., Joplin, Mo.....
Chicago Con. Mg. Co., Joplin, Mo.....
Chicago Zinc Co., Chicago, Ill.....
Choulthwa, T., & Co., New Diggings, Wis.
Cincinnati Mg. Co., Galena, Kan.....
Clark, D. W., Ainsworth, B. C.....
Clark, Lee L., Alpine City, Utah.....
Clausen, C. J., Galena, Ill.....
Clement Mg. Co., Galena, Kan.....
Cleveland Aurora Mg. Co., Aurora, Mo....
Clymer & Spaulding, St. James, Mo.....
Coats, Wm., Aurora, Mo.....
Collins Mg. Co., Zincite, Mo.....
Collinsville Zinc Co., Collinsville, Ill.....
Coltman Mg. Co., Benton, Wis.....
Columbia & Gammon, Webb City, Mo.....
Columbia Mg. Co., Galena, Kan.....
Columbian Lead & Zinc Co., Chicago, Ill..
Columbian Mg. Co., Joplin, Mo.....
Cooley, B., Galena, Kan.....
Cooper, J. M., Mer. & Mg. Co., Galena, Kan .....
Cophine Mg. Co., Joplin, Mo.....
Copley, J., Zincite, Mo.....
Corbin, Kennedy & Co., Illicillewaet, B. C.
Cornell, Thos., Hamilton, Nev.....
Cornwall Mg. Co., Galena, Kan.....
Coshocton L. & Z. Co., Coshocton, Ohio....
Cottonwood Mg. Co., Joplin, Mo.....
Crabtree, J. F., Hamilton, Nev.....
Crescent Mg. Co., Galena, Kan.....
Cripple Creek Mg. Co., Galena, Kan.....
Crossman, P. L., Joplin, Mo.....
Crossman Mg. Co., Joplin, Mo.....
Crystal Mg. Co., Galena, Kan.....
Cupps, Wood, et al., Granby, Mo.....
Dalby, John N., Sedalia, Mo.....
Daly Silver Mg. Co., Park City, Utah.....
Daugherty, Davy & Daugherty, Carterville, Mo.....
Davis & Linton, Powell, Ark.....
Davison, W. G., Webb City, Mo.....
Daykin Bros., Dubuque, Iowa.....
Dayton Land Co., Aurora, Mo.....
Dayton Mg. Co., Webb City, Mo.....
Dayton Mg. & Smelt. Co., Racine, Mo.....
Decatur L. & Z. Co., Aurora, Mo.....
DeGraff, C., Messer, Kan.....
De Laney, John, Montfort, Wis.....
Delphi Mineral Mg. Co., Delphi, Ind.....
Derby Lead Co., St. Louis, Mo.....
Desloge Cons. Lead Co., St. Louis, Mo.....
Diamond Mg. Co., Joplin, Mo.....
Dillard & Co., Aurora, Mo.....
Dobson Lead & Zinc Co., Mansfield, Mo....
Doe Run Lead Co., Doe Run, Mo.....
Donnely & Hines, Meekers Grove, Wis....
Donnelly Lead Co., St. Louis, Mo.....
Druid Lead Mg. Co., Chicago.....
Drury, H. M., Joplin, Mo.....
Dry Bone Mg. Co., Buffalo City, Ark.....
Dubuque Lead Mg. Co., Dubuque, Iowa....
Dugdale & Bass, Platteville, Wis.....
Dunwag & Co., Webb City, Mo.....
Ealor Land & Cornfield Mining Co., Carterville, Mo. .....
Easley Mg. Co., Springfield, Mo.....
Easton Star Mg. Co., Carterville, Mo.....
Eaton & Co., Aurora, Mo.....
Edes, Mixter & Heald, Plymouth, Mass...
Electric L. & Z. Co., St. Louis, Mo.....
Eleventh Hour Mg. Co., Webb City, Mo..
Elizabeth Mg. Co., St. Louis, Mo.....
Elliott Land Co., Aurora, Mo.....
Emile Zinc Co., St. Louis, Mo.....
Empire Mining Co., Galena, Kan.....
Empire Mining Co., Joplin, Mo.....
Empire Zinc Co., Philadelphia, Pa.....
Empress Mining Co., New Diggings, Wis.
Eureka Mining Co., Benton, Wis.....
Evans Bros., Dodgeville, Wis.....
Evans, G. W., Webb City, Mo.....
Excelsior L. & M. Dev. Co., West Superior, Wis. .....
Famous Mining Co., Monett, Mo.....
First National Mg. Co., Webb City, Mo..
Fisher & Wicks, Linden, Wis.....
Five Mile Mining Co., Joplin, Mo.....
Flanders, J. B., Webb City, Mo.....
Flat River Lead Co., Farmington, Mo....
Folmer Mining Co., Galena, Kan.....
Forney Mining Co., Wytheville, Va.....
Ft. Smith Mg. & S. Co., Ft. Smith, Mo....
Franklin Zinc Co., Lehigh, Mo.....
Fraser, John, Mine, Mineville, N. S.....
Frost & Co., Granby, Mo.....
Future Great Mg. & S. Co., Vichy, Mo....
Galena Lead & Z. Co., Galena, Kan.....
Garrison Mining Co., Webb City, Mo...
Geissinger & Martin, Galena, Kan.....
Gerard, J. & Co., Beetown, Wis.....
Get There Mining Co., Webb City, Mo....
Gibbs & Edson, Organ, N. Mex.....
Gillman Mining Co., St. Louis, Mo.....
Girard Zinc Co., Girard, Kan.....
Glencoe Mining Co., Park City, Utah.....
Glendale Zinc Works, St. Louis, Mo.....
Golden Eagle Mining Co., Ash Grove, Mo.
Golden, Jerome, Galena, Kan.....
Goodman & Co., Aurora, Mo.....
Gosford, A. W., Syn., Dubuque, Iowa.....
Graham & Holzer, Platteville, Wis.....
Granby Mining Co., Joplin, Mo.....
Granby Mining & S. Co., St. Louis, Mo..
Granite Mountain Mg. Co., St. Louis, Mo.
Grasshopper Mg. Co., Carterville, Mo.....
Gregg, H. H., Joplin, Mo.....
Gretchen Lead & Zinc Co., St. Louis, Mo. .....
Gross & Keene Bros., Pierce City, Mo....
Grubb & Stamp, Carterville, Mo.....
Grundy, W., Mifflin, Wis.....
Guilford, W. N., Dubuque, Iowa.....
Guinn & Lloyd, Joplin, Mo.....
Gumbo Mining Co., Mumford, Mo.....
Guthrie, Johnson & Freeman, Dry Bone, Wis. .....
Hamar, Gen. A., Wentworth, Mo.....
Hand, Mark, Keeler, Cal.....
Hank & Co., Aurora, Mo.....
Hardin, M. L., Carterville, Mo.....
Hardwick, J. H., Lead Co., Cleveland, Tenn. .....
Harris, J., Mona, Utah.....
Hartz, Samuel, Linden, Wis.....
Harvey & Nathan, Lancaster, Wis.....
Haselhof, A. & Co., Dry Bone, Wis.....
Hazard, Rowland, Mine La Motte, Mo...
Healy, H., Alpine City, Utah.....
Hedders M. & M. S. Co., Joplin, Mo.....
Helen Marr Mg. & Inv. Co., Chicago, Ill..
Hendricks Mining Co., Beetown, Wis....
Hensley, E., Newburg, Tenn.....
Herrin, Jas., Carthage, Mo.....
Hickman Mining Co., Nephi, Utah.....
Hidalgo Smelting Co., Sultepec, Mex.....
Higginbotham, Z. T., Fertile, Mo.....
Hill, J. D., Webb City, Mo.....
Hillary & Ricter, Platteville, Wis.....
Hird, J., Mifflin, Wis.....
Hoare, Wm. & J. A., Mineral Point, Wis.
Hoff Mining Co., Zincite, Mo.....
Holiday, L., Mona, Utah.....
Home & Co., Webb City, Mo.....
Horton & Co., Webb City, Mo.....
Hough, A. W., Webb City, Mo.....
Houghton Mining Co., Webb City, Mo...
Houghton & Son, Webb City, Mo.....
Hubbard, M. E., Joplin, Mo.....
Hughes, Jas. & Co., Beetown, Wis.....
Hutchcroft, Wm., Beetown, Wis.....
Ida Mining Co., New Diggings, Wis.....
Illicillewaet Mg. Co., Illicillewaet, B. C..
Illinois Fluor-Spar & Lead Co., Chicago, Ill. .....
Illinois Lead & Zinc Co., Galena, Kan.....
Illinois Zinc Co., Joplin, Mo.....
Illinois & Missouri Mg. Co., Zincite, Mo...
Imperial Mg. & Smelt. Co., Joplin, Mo...
Indiana & Missouri Mg. Co., Joplin, Mo..
Ingalls Zinc Co., Ingalls, Ind.....
Inman, Short & Co., Hawley, Mo.....
Isbom, Chas., Dubuque, Iowa.....
Jack Mining Co., Webb City, Mo.....
Jackson, L. L. & Bros., Mineral Point, Wis. .....
Jacobs Bros., Carthage, Mo.....
Jacobs Bros., Joplin, Mo.....
James, Andrew, Hazel Run, Mo.....
James, Wm., Linden, Wis.....
James & Jones, St. James, Mo.....
Janis, Francois, Hazel Run, Mo.....
Jewell, A. & Co., Linden, Wis.....
Jinkins, H., Mifflin, Wis.....
Johnson & Mesplay, Granby, Mo.....
Johnston Bros., Aurora, Mo.....
Jones, Geo., Sunnyside, Nev.....
Jones, R. W., Alpine City, Utah.....
Jones & Snow, Mineral Point, Wis.....
Kains, J. & Co., Meekers Grove, Wis.....
Kane & Davey, Cartervñle, Mo.....
Kansas Lead & Zinc Co., Galena, Kan....
Kearney Mining Co., Rico, Colo.....
Keller Mining Co., Carterville, Mo.....
Keller, S. P., Webb City, Mo.....
Kennedy, R., Highland, Wis.....
Kentucky Land Mining Co., Aurora, Mo..
Keystone Tun. & Mg. Co., Raton, N. Mex.
King Solomon's Mg. Co., Kansas City, Mo.
Kirby, R. O. & Co., Galena, Kan.....
Kislebury, T. & Co., Linden, Wis.....
Kreul, Techt & Co., Dry Bone, Wis.....
Kroll & Guthrie, Dry Bone, Wis.....
Lamar Mining Co., Carterville, Mo.....
Lang, J. G., New Market, Tenn.....
Lani, Louis, Hamilton, Nev.....
Lapoint, Lawrence, Las Cruces, N. Mex..
Lara, Seferino, Questa, N. Mex.....
Launder, Samuel & Co., Linden, Wis....
Lead Mine Co., Salt Lake City, Utah....
Leadmine Mg. Co., Leadmine, Wis.....
Lead Mt. Mg. Co., Service, Mo.....
Leary & Co., New Diggings, Wis.....
Lee, Robt. E., Mg. Co., Etna, Wis.....
Lee, Taylor & Co., Joplin, Mo.....
Lehigh Zinc & Iron Co., Philadelphia, Pa.
Lewis, J. F., Webb City, Mo.....
Lichliter, N. B., Joplin, Mo.....
Lichliter & Page, Joplin, Mo.....
Liddell, T., Mifflin, Wis.....
Liles, T. J., Aurora, Mo.....
Linden Mining Co., Linden, Wis.....
Linton, Black & Co., Powell, Ark.....
Little Nellie Zinc Co., St. Louis, Mo.....
Little Rustler Mg. Co., Aurora, Mo.....
Livingston Iron Mg. Co., Milwaukee, Wis.
Livingston & Mifflin, Livingston, Wis.....
Locket, Robt., Keeler, Cal.....
Loftus, J., Burlington, Iowa.....
Loomas, J. W., Webb City, Mo.....
Lost Creek Fire Brick & Silica Co., Butte, Mont. .....
Lost Creek Mg. Co., Seneca, Mo.....
Louisville Co., Aurora, Mo.....
Lucky Hit Mg. Co., Shullsburg, Wis.....
Luther & Ulerich, Dubuque, Iowa.....
Lynch, Lewis, & Co., Highland, Wis.....
McArthur, A. C., Illicillewaet, B. C.....
McArthur Bros., Potosi, Mo.....
McCann, J. P. & Co., Galena, Kan.....
McConey, D. C., Joplin, Mo.....
McConnell, L. & Co., Beetown, Wis.....
McCoy Mining Co., Joplin, Mo.....
McCullough Mining Co., Marionville, Mo.
McDonald, A. M., Beetown, Wis.....
McDowell Mining Co., McDowell, Mo.....
McGehee, W. T., Webb City, Mo.....
McGuire Bros., Highland, Wis.....
McGuire, W. P., Redfield, Iowa.....
McKenzie, J. A., Keeler, Cal.....
McRae, Alex., Illicillewaet, B. C.....
Mahaska Mining Co., Joplin, Mo.....
Manhattan Zinc Co., St. Louis, Mo.....
Margerum Mining Co., Webb City, Mo....
Mastin, John J., Mining Co., Galena, Kan.
Maupin Mining Co., Joplin, Mo.....
May & Brant, Jamestown, Wis.....
Mell Reed Paint Co., Galena, Kan.....
Mercantile Mining Co., Galena, Kan.....
Meyer, T., Dubuque, Iowa.....
Meyers & Jennison, Carthage, Mo.....
Midland Mining Co., Aurora, Mo.....
Milum, J. B. & Co., Powell, Ark.....
Mineral Point Zinc Co., Chicago, Ill.....
Minor & Rogers, Aurora, Mo.....
Minneapolis & Webb City Mining Co., Minneapolis, Minn. .....
Mississippi, Kansas & Colorado Mining Co., Kansas City, Kan.....
Missouri Mineral & Mfg. Co., Pacific, Mo.
Mittleberg L. & Z. Mg. Co., St. Louis, Mo.
Moffett Mining Co., Joplin, Mo.....
Mollart, Geo., Dubuque, Iowa.....
Monkey Hill Mining Co., Joplin, Mo.....
Mono Lead M. & S. Co., Bebra, Mo.....
Monte Cristo Mg. & S. Co., Galena, Kan.
Moonshine Mining Co., Joplin, Mo.....
Morning Star Mining Co., Joplin, Mo.....
Morning Star Mining Co., Yellville, Ark..
Morrison, T. & Co., Beetown, Wis.....
Mosher Bros., Webb City, Mo.....
Motley Mining Co., Carterville, Mo.....
Mt. Vernon Mg. Co., Mt. Vernon, Mo....
Mowry, B. D., Carterville, Mo.....
Muir, Alex., Hamilton, Nev.....
Murphy Mining Co., Zincite, Mo.....
Murphy, P., Joplin, Mo.....
Murphy & McCracken, Joplin, Mo.....
Murphy & Stephens, Platteville, Wis....
Nathalie L. & Z. Mg. Co., Mumford, Mo..
Nathalie Mining Co., Springfield, Mo.....
Nathan, E., Aurora, Mo.....
National Lead Co., Kansas City, Kan....
National Lead Co., New York.....
Nebo Mining Co., Nephi, Utah.....
Nevada Mining Co., Webb City, Mo.....
New Jersey Zinc & Iron Co., New York..
New York Zinc & Lead Co., New York...
Neyman, C. M., Hamilton, Nev.....

Nicholasville Mining Co., Joplin, Mo.....
Nicholasville Zinc Co., Nicholasville, Ky..
Noble Mining Co., Joplin, Mo.....
North Am. Graphite Co., Ottawa, Ont....
North Am. L. & Z. Co., Burlington, Iowa.
North Carterville Draining Co., Carterville, Mo. .....
North Empire Mining Co., Galena, Kan...
North Joplin Mining Co., Joplin, Mo.....
North & Murray, Ashgrove, Mo.....
Occidental Mg. Co., New Diggings, Wis..
Ohio Lead & Zinc Mg. Co., Galena, Kan..
Osceola Cons. Mg. Co., Opechee, Mich....
Oswego Lead & Zinc Co., Joplin, Mo.....
Owens, Hugh, Dodgeville, Wis.....
Ozark Lead & Zinc Co., St. Louis, Mo....
Ozark Min. Land & Mg. Co., Carthage, Mo.
Ozark Range & Mg. Co., Louisville, Ky..
Pacific Mining Co., Carthage, Mo.....
Page, D. M., Carterville, Mo.....
Parry Mining Co., Dodgeville, Wis.....
Passaic Zinc Co., Jersey City, N. J.....
Paul, Geo. P., Hamilton, Nev.....
Paul, W. S., Joplin, Mo.....
Paul & Parish, Joplin, Mo.....
Peak Mg. Co., Webb City, Mo.....
Pelt Fluor Spar. Mg. Co., Rosiclare, Ill..
Pena, Miguel de la., Villa, Mex.....
Pennsylvania Mg. Co., Ashgrove, Mo.....
Perkiomen Lead Mg. Co., Shannonville,Pa.
Perry, Wm., Mineral Point, Wis.....
Petrie Zinc Mg. Co., St. Louis, Mo.....
Pfau, P. M., Aurora, Mo.....
Phelps, John E., Mg. Co., Mumford, Mo..
Pierce City Mg. Co., Pierce City, Mo.....
Pierce Mg. Co., Wentworth, Mo.....
Pierce & Co., R. J., Powell, Ark.....
Pick & Gad Mg. Co., Shullsburg, Wis.....
Pitcher Lead Co., Joplin, Mo.....
Plumb, Minor & Rogers, Aurora, Mo.....
Pollard-Goldschwantz Co., Linden, Wis...
Porter, E. B., Mg. Co., Joplin, Mo.....
Powell Mg. Co., Powell, Ark.....
Prudy & Jones, Wentworth, Mo.....
Queen City Mg. & D. Co., Helena, Mont..
Queen of Hills Mg. Co., Neihart, Mont...
Quintana, Antonio, Cerro, N. Mex.....
Raisbeck & Co., New Diggings, Wis.....
Ralls, John M., Radersburg, Mont.....
Randall & Co., Joplin, Mo.....
Ratcliff, Jas., Aurora, Mo.....
Reader Bros., Powell, Ark.....
Reardon, James, Butte, Mont.....
Red Cloud Mg. Co., Hailey, Idaho.....
Red Elephant Mg. Co., Hailey, Idaho.....
Red Mtn. Cons. Mg. Co., Helena, Mont...
Redbrane, W. & Co., New Diggings, Wis..
Rees, C. A., Joplin, Mo.....
Reid, E. C., Joplin, Mo.....
Rex Mg. Co., Joplin, Mo.....
Rhoades Barrett Mg. Co., Lamar, Mo...
Rice & James, Joplin, Mo.....
Richardson, Chas., Darwin, Cal.....
Richland Mg. Co., Mansfield, Ohio.....
Rico Aspen Cons. Mg. Co., Rico, Colo....
Rico Aspen Mg. Co., Denver, Colo.....
Rico Mg. Co., Rico, Colo.....
Rinker Lead & Zinc Co., Aurora, Mo.....
Rising Sun Mg. Co., Joplin, Mo.....
Roaring Springs Land & Mg. Co., Ebensburg, Pa. .....
Roaring Springs Mg. Co., Joplin, Mo.....
Robertson & Co., Aurora, Mo.....
Rocky Mtn. Mg. Co., Boulder, Mont.....
Rogers Zinc Co., Aurora, Mo.....
Rose, Chas. E., Joplin, Mo.....
Ross, M. & Co., Mineral Point, Wis.....
Rowe, F. S., Webb City, Mo.....
Ruby Hill Tunnel & Mg. Co., Eureka, Nev.
Ruby Mining Co., Joplin, Mo.....
Rule & Goldsworthy, Linden, Wis.....
Raly, H. C., Aurora, Mo.....
Rusk Mining Co., Kansas City, Mo.....
Rye Valley Mining Co., Baltimore, Md.....
St. Charles L. & Z. Co., St. Charles, Mo..
St. Louis-Aurora Mg. Co., Aurora, Mo....
St. Louis & Argentina Mining Co., St. Louis, Mo. .....
St. Louis & Magnolia Mining Co., Barker, Mont. .....
Sadtler Lead & Zinc Co., Bethlehem, Pa..
Saginaw Lead & Zinc Co., Saginaw, Mo...
Sallie Waters Mg. Co., New Diggings, Wis.
Saltsman, A. B., Webb City, Mo.....
San Frisco de Bonea Mg. Co., Oshkosh, Wis. .....
San Jose Chorreaders Mining Co., Matehuala, Mex. .....
San Juan y San Domingo, Villa de Etzatlan, Mex. .....
San Matea Mining Co., Oshkosh, Wis.....
Sands, Jacob, & Co., Ashcroft, Colo.....
Sayers, R. A., Mg. Co., Republic, Mo....
Schmook Land Mining Co., Aurora, Mo...
Schoenberger & Zogg Mining Co., Carterville, Mo. .....
Schweder Bros. & Wolf, Platteville, Wis..
Scotia Mining Co., Joplin, Mo.....
Scott, Walter, Illicillewaet, B. C.....
Seaman Mining Co., Rolla, Mo.....
Selkirk Mining Co., Illicillewaet, B. C...
Seneca Lead & Zinc Mg. Co., Seneca, Mo.
Shambeau & Bascom, Sheep Mtn., Idaho..
Shanklin, L., Wardner, Idaho.....
Sheehan, Daniel, Clayton, Idaho.....
Shoshone Mining Co., Wardner, Idaho....
Sierra Nevada Mg. Co., Wardner, Idaho..
Silver Bell Mg. Co., Missoula, Mont....
Silver Chord Mg. Co., Mineral Point, Colo.
Silver King M. & M. Co., Philadelphia, Pa.
Silver Mg. Co. of Lake Valley, Lake Valley, N. Mex. .....
Silver Plume Con. Mg. Co., Lincoln, Neb.
Silver Plume Mg. Co., Aurora, Mo.....
Silver Valley Mg. Co., Baltimore, Md.....
Simpson & Thornton, Basin, Idaho.....
Sinclair Bros., Kellogg, Idaho.....
Smelker, J. P., Dodgeville, Wis.....
Smith, J. & Co., Beetown, Wis.....
Smith & Co., Aurora, Mo.....
Smith & Gilbert, Wentworth, Mo.....
Societe Anonyme Des Mines de Lexington, Salt Lake City, Utah.....
Soleey, Jos. & Co., Dodgeville, Wis.....
South Buffalo Mg. Co., Milwaukee, Wis...
South Joplin Lead & Zinc Mining Co., Kansas City, Mo.....
South Side Mg. & Mfg. Co., Galena, Kan..
Spell & Scott, Aurora, Mo.....
Spensley, Jones & McIchon, Mineral Point, Wis. .....
Spitz, Joe, Stockton, Utah.....
Sprey, Peter, Cooks, N. M.....
Spring, A. C., Joplin, Mo.....
Spring City Mg. Co., Lead Mine, Mo.....
Spring River Mg. Co., Forest, Mo.....
Standard Lead & Zinc Mg. Co., Joplin, Mo.
Standard Mining Co., Wallace, Idaho.....
Standard Mining Co., Zincite, Mo.....
Standly Mining Co., Galena, Kan.....
Stansborough, Jos., Keeler, Cal.....
Star Mining Co., Steelville, Mo.....
Starr, W. A., Mona, Utah.....
Starrs Cave Mg. Co., Burlington, Iowa..
Stebbins, H. C., Melrose, Mont.....
Steede, Henry, Hamilton, Nev.....
Steelman, A. T., Webb City, Mo.....
Stenmer, L., Beetown, Wis.....
Stephens & Stephens, Platteville, Wis....
Sterling Iron & Zinc Co., Philadelphia, Pa.
Sterling Lead & Zinc Co., New York.....
Stevens, W. & Co., Linden, Wis.....
Stevison, Wampler & Co., Webb City, Mo.
Stocking, C. A., Richwoods, Mo.....
Strawberg, Chas., Illicillewaet, B. C.....
Stuart, J. A., Ridgway, Colo.....
Sturn, Josiah, Blendsville, Mo.....
Suffolk Lead & Zinc Co., Mumford, Mo....
Sulphide Mining Co., Leadville, Colo.....
Sultepec Minera de Cia., Sultepec, Mex...
Sunday Silver Mg. Co., S. L. City, Utah.
Swansea Mining Co., Keeler, Cal.....
Swartz Mining Co., Joplin, Mo.....
Tacoma Mining Co., Elkhorn, Mont.....
Talisman & Stalwart Con. S. Mining Co., Seattle, Wash. .....
Tallapoosa Lead Mg. Co., Tallapoosa, Ga..
Taske Bros., Silver City, Colo.....
Templar Mg. Co., Galena, Kan.....
Terre Haute Land Mining Co., Aurora, Mo.
Thieling, Jacob, McDowell, Mo.....
Thomas, J. R., Lehigh, Mo.....
Thompson Hardware Co., Lowell, Mass....
Tipton L. & Z. Mg. Co., Tipton, Mo.....
Toay & Lang, Mineral Point, Wis.....
Tomlinson, E. H., Three Forks, B. C.....
Tracy Lead & Zinc Co., Webb City, Mo..
Treglawn, Geo. B. & Co., Linden, Wis...
Trio Mining Co., Oronogo, Mo.....
Troup Mining Co., Webb City, Mo.....
True Grit Co., Ft. Lemhi, Idaho.....
Trueb, Southwell & Co., Dubuque, Iowa.
Tyack & Oates, Mineral Point, Wis.....
Tyler, E. C., Joplin, Mo.....
Union Leasing & Mg. Co., Denver, Colo..
Union Mg. Co., Mineral Point, Wis.....
Union Mg. & S. Co., St. Louis, Mo.....
United Mexican Mines, Guanajuato, Mex..
Utah Mining Co., Tintic, Utah.....
U. S. Antimony Co., Philadelphia, Pa....
Vallecillo Mining Co., New York.....
Valles Mining Co., Valles Mines, Mo.....
Valley Queen Mg. Co., Aurora, Mo.....
Vanderbilt M. & M. Co., S. L. City, Utah.
Van Wagenen, T. F., Telluride, Colo.....
Vedovetch, Gerome, Candelaria, Nev.....
Victor Mg. Co., Webb City, Mo.....
Victor & Burnt Fork Mining Co., Victor, Mont. .....
Walton, T., Meekers Grove, Wis.....
Wann & Co., Mifflin, Wis.....
Warden Bros., Beetown, Wis.....
Warner Wood Co., Galena, Kan.....
Waugh, A. C., Junction, Idaho.....
Webber, Fred., Lakeview, Idaho.....
Welch, Thos., Blackwell, Mo.....
Wemyrs, John, Neepawa, Man.....
Wenona Zinc Co., Wenona, Ill.....
Wenton, J. F. & Co., Clarkfork, Idaho...
Wertz, D. F., Webb City, Mo.....
Western Zinc Co., Joplin, Mo.....
Wheeler, E. C. J., Cedar Rapids, Iowa....
Whilkson, Geo., Mifflin, Wis.....
White, Byron N., Milwaukee, Wis.....
Whitford & Kelly, Dodgeville, Wis.....
Wiggins & Co., Clayton, Idaho.....
Wilkin, J. G., Alpine City, Utah.....
Williams, D. O., Dodgeville, Wis.....
Williams, E. G., Joplin, Mo.....
Williams, E. W., Dodgeville, Wis.....
Williams, Hy., Dodgeville, Wis.....
Williams, J., Jamestown, Wis.....
Williams, T. T., Dodgeville, Wis.....
Wilmington Star Mg. Co., Oconomowoc, Wis. .....
Wilson, Benj., Pioneerville, Idaho.....
Wilson, J. B., Hamilton, Nev.....
Wilson, W. H., Joplin, Mo.....
Windsor Lead & Zinc Co., Galena, Kan..
Windsor Mg. Co., Kansas City, Mo.....
Winkley, John, Marble Switch, Tenn.....
Wisconsin I. & L. Co., Spring Valley, Wis.
Wisconsin L. & Z. Co., Shullsburg, Wis..
Wise, John, & Co., Beetown, Wis.....
Wonag, C., Mifflin, Wis.....
Wright, E. D., Aspen, Colo.....
Wyandotte Lead & Zinc Co., Galena, Kan.
Wyatt, Blanton, Carterville, Mo.....
Wylie & Cram, Carleton Place, Ont.....
Wythe Lead & Zinc Co., Austinville, Va..
Young, A. P., Mona, Utah.....
Young, R., Mifflin, Wis.....
Zinc Carbonate Co., Shullsburg, Wis.....

MANGANESE:

Carribbean Manganese Co., Baltimore, Md.
Chidress, P. H., Waynesboro, Va.....
Eureka Manganese Co., Sands, Va.....
Georgia Manganese Co., Cave Spring, Ga..
Hurt, J. L., Hurt, Va.....
Lewis & McCormick, Tin Cup, Colo.....
Penn. Manganese Co., Pittsburg, Pa.....
Roanoke Land & Man. Co., Roanoke, Va.
St. Louis Manganese Co., St. Louis, Mo..
Shaw, J. E., Cloverdale, Cal.....
Staleys Creek Man. & Iron Co., Marion,Va.
Tenecape Manganese Co.,Ltd.,Walton,N.S.
Thomas Iron Co., Easton, Pa.....
West Quaco Man. Mines, West Quaco,N.B.

MINERAL PAINT:

Adams, E. & Co., Bennington, Vt.....
Bermuda Ochre Co.,Bermuda Hundred,Va.
Blackwell Paint Co., Muncy, Pa.....
Bone, Mrs. L. D., Mineral Point, Mo.....
Boutelle, E. C., Bethlehem, Pa.....
Canada Paint Co., Montreal, Que.....
Clinton Met. Paint Co., Clinton, N. Y.....
Clair, J. R., Bowers Station, Pa.....
Earle & Oram, Emerson, Ga.....
Erwin, Harry, Bethlehem, Pa.....
Franklin Paint Mill, Denver, Colo.....
Gayle & Semple, Montgomery, Ala.....
Heyms, Robt., Morrellton, Mo.....
Hibbard & Pickles, Morrellton, Mo.....
Homer, Ben., & Co., Oneonta, N. Y.....
Jackson Golden Ochre Co., Jackson, Ala..
Leicester M. Paint Co., Leicester, Vt....
Long, S. & Son, Hancock, Pa.....
Mandarin Min. Paint Co., Mandarin, Fla..
Mertztown P. & Ochre Co., Mertztown, Pa.
Monk, Samuel, Denver, Colo.....
Montandon Liberty Paint Co., Montandon, Pa. .....
Ohio City M. Paint Co., Cleveland, Ohio..
Ortman, J. F., San Francisco, Cal.....
Oxford Ochre Co., New York.....

MINERAL PAINT—Continued.

Ozocerite Mining Co., New York
Pittsburg Iron Paint Co., Pittsburg, Pa.
Rockmart Sienna Co., Rockmart, Ga.
Rossie Iron Ore P't Co., Ogdensburg, N.Y.
Rutherford & Barclay, Philadelphia, Pa.
St. Hyacinthe Oil & Paint Co., St. Hyacinthe, Que.
Saline River Ochre Co., Kansas City, Kan.
Scholze Bros., Chattanooga, Tenn
Tehama Cons. Chrome Co., Redbluff, Cal.
Terre Haute Min. P. Co., Terre Haute, Ind.
Thomas, F., Troy, N. Y.
Thrift, A. M., Campo Seco, Cal.
Vineyard Ochre Co., Boston, Mass.
Williams, C. K., Phillipsburg, N. J.
Wilson & Bro., Hanoverville, Md.

MICA:

Alex Mica Co., New York
American Mica Co., Boston, Mass.
American Mica Mg. Co., Grafton Center, N. H.
Asheville Inv. Co., Asheville, N. C.
Ballew, Jason, Southtoe, N. C.
Belden, T. E., Mica & M. Co., Boston, Mass.
Blake, Albert, Winston, Mont.
Blalock, Wm., Celo, N. C.
Blanton, A., Shelby, N. C.
Bock, Carl, Tucson, Ariz.
Bolic, Wm., Cashiers, N. C.
Bradstreet, Henry, New York
Bressley, Jas., Micaville, N. C.
Brock, S. R., Mica Co., Aylwin, Que.
Bryson, C. P., Webster, N. C.
Buchanan, M., Webster, N. C.
Bulgin, W. G., Franklin, N. C.
Burleson, Jason, Ingalls, N. C.
Burleson, Jacob, Sprucepine, N. C.
Burnett, E., Threeforks, N. C.
Burton & White, Celo, N. C.
Callard, Henry, San Antonio, N. Mex.
Canada Mica Mg. Co., Detroit, Mich.
Canadian Mica Co., Ottawa, Ont.
Canonto Mica & Min. Mg. Co., Ltd., Toronto, Ont.
Caraway, C. W., South Toe, N. C.
Carss, Ogle, Burgessville, Ont.
Cascades Mica Co., Ottawa, Ont.
Childs, W. B., Estatoe, N. C.
Chown, J. E., Kingston, Ont.
Chubbick, C., Ottawa, Ont.
Clayton, C. H., Lang, Cal.
Clemow & Powell, Ottawa, Ont.
Collis, John, Estatoe, N. C.
Cons. Mica Co., Pringle, S. D.
Coward, Nathan, Webster, N. C.
Cox, Isaac, Estatoe, N. C.
Cunningham, T. C., Franklin, N. C.
Dale, Geo., Sprucepine, N. C.
Davis, D. A., East Laport, N. C.
Day, Wm., Lenoir, N. C.
Dugas, Judge, Montreal, Que.
Edge, J. G., Micaville, N. C.
Eldridge, E. S., Eugene, N. C.
Elliott, D. A., Shelby, N. C.
English, J. D., Spruce Pine, N. C.
Equitable Mfg. Co., Sylva, N. C.
Firth & Hanley, Carbon, Wyo.
Flat Rock Mg. Co., Penland, N. C.
Foxton, F. K., Sydenham, Ont.
Franks, E. H., Franklin, N. C.
Frantz, J. P., Webster, N. C.
Frederick, Chas., Fairbanks, Wyo.
Galesburg Mica Mg. Co., Galesburg, Ill.
Georgia Mica & Mg. Co., Ashtabula, Ohio.
Gibbs, C. M., Southtoe, N. C.
Gibbs, Joshua, Celo, N. C
Gibbs, J. L., Southtoe, N. C.
Gibbs, Robt., Southtoe, N. C.
Glenbrook Mg. Co., New York
Glenn, D. M., Glenn, N. C.
Gottorff, F., Hamilton, Ont.
Gouge, T. J., Flinty Branch, N. C.
Gouge, W. E., Burnsville, N. C.
Gould Lake Mg. Co., Sydenham, Ont.
Griffiths, I. J., Utica, N. Y.
Grimshaw, C., Montvale, N. C.
Grimshaw, T., Whiteside Cove, N. C.
Grisson, Burton, Estatoe, N. C.
Hagood, J. E., Pickens, S. C.
Hague, Jos., New York
Hall, Alfred, & Sons, West Mill, N. C.
Hall, P. P., Grand Allee, Que.
Hamilton M. Roofing Co., Hamilton, Ont.
Hamlin & Fordyce, Detroit, Mich.
Hawley, H., Hayesville, N. C.
Hull, F. A., Asheville, N. C.
Irby, I. H., Penland, N. C.
Itasca Mica Co., Meriden, Conn.
Jones, Jesse, Barker, N. C.
Kinne, J. N., North Groton, N. H.
Kirksey, J. K., Pickens, S. C.
Koons, Hy., Buffalo, N. Y.
Lander, S., Lincolnton, N. C.
Ledford, L. M., Pine Mountain, Ga.
Levett & Davis, Perth, Ont.
Lisle, Dr. J. M. & Son, Franklin, N. C.
Long, A. J., Sylva, N. C.
Long, J. W., Clayton, Ga.
Lurk, Norton, Cashiers, N. C.
McCarth, Louis, Celo, N. C.
McDonald, J. A., Marion, N. C.
McLaurin, L. K., East Templeton, Que.
McRae & Co., Ottawa, Ont.
Margarite Mica Co., New York
Merringer, F. Z., Hayesville, N. C.
Mitchell, S. A., Alstead, N. H.
Moore, J. D., Elligay, N. C.
Moorehead, J. T., Leaksville, N. C.
Mount Mica Co., Bangor, Me.
Munsell, Eugene, & Co., New York
Murphy, J. S., Southtoe, N. C.
Nagle, H. P., Detroit, Mich.
National Mica Supply Co., Sydenham, Ont.
New Hampshire M. Mg. Co., Boston, Mass.
New York State Mica Co., Utica, N. Y.
Nienninger, C. G., Highlands, N. C.
Norton, W. C., Painter, N. C.
Old Cherokee Mg. Co., Canton, Ga.
Palermo Mica Co., New York
Palmer, D. G., Geneva, Ohio
Penniman & Co., Asheville, N. C.
Pepper Mining Co., Danbury, N. C.
Pitman, Steve M., Cranberry, N. C.
Randall, G. H., Grafton Center, N. H.
Ray, G. D., Burnsville, N. C.
Rice, J. F., Cashiers, N. C.
Rice, W. A., Bristol, N. H.
Rice, W. H. C., Cashiers, N. C.
Richmond Mica Co., Richmond, Va.
Robertson, B., Amelia, Va.
Robinson, Geo., Southtoe, N. C.
Robinson, Richard, Celo, N. C.
Rockingham Mg. Co., Price, N. C.
Rockingham Mica Co., Roanoke, Va.
Rodgers Mica Mg. Co., Moscow, Idaho.
Rogers, S. S. & O. A., Asotin, Wash.
Rorison, J. L., Bakersville, N. C.
Sapphire Valley Mg. Co., Sapphire, N. C.
Sheppard, J. A., Social Circle, Ga.
Shepherd, C. G., Franklin, N. C.
Silver White M. Mg. Co., Moscow, Idaho.
Smedley, John D., Lima, Pa.
Smith, J. F., Kamloops, B. C.
Smith, John H., Cowarts, N. C.
Straw, D. L., Grafton Center, N. H.
Sullins, A. W., Spruce Pine, N. C.
Sydenham Mica Co., Sydenham, Ont.
Thomas, W. J., Dobag, N. C.
Toe River Ground Mica Co., Plumtree, N.C.
Valencia Mica Co., Groton, N. H. (see Valencia Mica Co., New York)
Valencia Mica Co., New York
Walsh, W. E., Chicago, Ill.
Webster & Co., Sydenham, Ont.
West, Wm., Wests Mills, N. C.
Westall, Theo., Celo, N. C.
Western Carolina M. Co., Plumtree, N. C.
White, Martin, Celo, N. C.
White & Burton, Southtoe, N. C.
White & Westall, Southtoe, N. C.
Willis, John, Ledger, N. C.
Wilson, S. L., New Milford, Conn.
Wiseman, Jas. G., Ingalls, N. C.
Wiseman, M. D., Mica, N. C.
Woods, J. C., Fidelity, N. C.

NICKEL:

Barnet & Russell, White Fish, Ont.
Chicago Algoma N'k'l Co., Sudbury, Ont.
Commercial Mg. Co., Nelsonville, Ont.
Cons. Nickel & Iron Co., Duluth, Minn.
Craig Syndicate, Toronto, Ont.
Dominion Mineral Co., Montreal, Que.
Drury Nickel Co., Ltd., Sudbury, Ont.
Edson & Brown, Riddles, Ore.
Emens Metal Co., Sudbury, Ont.
Emmons, Prof., Webster, N. C.
Hanna & Cole, Silver Cliff, Colo.
Imperial N. Mg. Co., W. Superior, Wis.
International Nickel Mg. Co., Chicago, Ill.
Johnson Nickel Mg. Co., St. Paul, Minn.
McConnel, R., Mattawa, Ont.
McConnell, W. R., Hiawassee, Ga.
Merritt, A. R., Duluth, Minn.
Merritt, F. W., Duluth, Minn.
Merritt Nickel Mg. Co., Duluth, Minn.
Pinckney & Willis, Webster, N. C.
Pipe Lake Nickel Mg. Co., Duluth, Minn.
St. Nicholas Nickel Mg. Co., Blezards, Ont.
Sault Ste. Marie Nickel Mining Co., Worthington, Ont.
Spanish River Talc & Nickel Mining Co., North Bay, Ont.
Straight Lake Nickel Mg. Co., Ltd., Toronto, Ont.
Sudbury Mining Co., Toronto, Ont.
Summerby, F., Graham, Ont.
Thomas, T., Wahnapitae, Ont.
Trilla Belle Nickel Mining & Con. Co., Duluth, Minn.
Victoria-Fla. Phos. Co., Newberry, Fla.
Vivian, H. H. & Co., Sudbury, Ont.
Wahnapitae Mg. Co., Wahnapitae, Ont.

PHOSPHATES:

Acheson, Wm. W., Belleview, Fla.
Acme Phosphate Co., Newton, N. Y.
Alabama Fer. Co., Montgomery, Ala.
Alabastine Co., Paris, Ont.
Alachua Phosphate Co., Ocala, Fla.
Alafia Phos. Mg. Co., Turkey Creek, Fla.
Alafia River Min. L. Co., Syracuse, N. Y.
Albion Phosphate Mining & Chemical Co., Albion, Fla.
Albion Phos. Mg. Co., Baltimore, Md.
American Fertilizer Co., Gosport, Va.
Anglo-Canadian Phos. Co., Montreal, Que.
Anglo-Continental Guano Works Co., Glen Almond, Que.
Anglo-Florida Phos. Co., Ocala, Fla.
Anita Phosphate Co., Ocala, Fla.
Arcadia Phosphate Co., Savannah, Ga.
Archdale Co., Charleston, S. C.
Arentz, B. & Co., Ocala, Fla.
Ashepoo Phos. Co., Charleston, S. C.
Associated Phosphate Co., Ocala, Fla.
Atlantic Phos. Co., Charleston, S. C.
Atlantic & Va. Fert. Co., Richmond, Va.
Bailey, Gen. E. B., Ft. White, Fla.
Baldwin Phos. Co., Beaufort, S. C.
Bartow Phos. Co., Charleston, S. C.
Bear Swamp Mines, Charleston, S. C.
Beaufort Phos. Co., Beaufort, S. C.
Bell Phosphate Co., Bartow, Fla.
Bell & Co., Lake Opinicon, Ont.
Belle Phosphate Co., New York
Belleview Phos. Wks., Jacksonville, Fla.
Berkeley Phos. Co., Charleston, S. C.
Bird, E. C., Ocala, Fla.
Black River Phos. Co., Jacksonville, Fla.
Blessington Phos. Mg. Co., Tichborne, Ont.
Blue Springs Phos. Mines, Ocala, Fla.
Boar, G. R., Tampa, Fla.
Bolton Mg. Co., Charleston, S. C.
Bone Cons. Phos. Co., Boston, Pa.
Bone Valley Phos. Co., Lakeland, Fla.
Bonnie May Mg. Co., Hartford, Conn.
Boulder Phos. Co., Ocala, Fla.
Bowling Green Phos. Co., Jacksonville, Fla.
Boyer & Son, Woodstock, Va.
Bradley Phos. Co., Pemberton, Fla.
Bradley, W. L., Stono, S. C.
Bradley, Est. Wm. L., Boston, Mass.
British Phos. Co., Ltd., Glen Almond, Que.
Bronson Pebble Phos. Mg. & Land Co., Bronson, Fla.
Brooks, W. M., Floral City, Fla.
Brooks Phos. Co., Ft. White, Fla.
Brown Valley Phos. Co., Bartow, Fla.
Bucks, L. & Son, Ellaville, Fla.
Bull River Phos. Co., Sheldon, S. C.
Bushong, E. W., Woodstock, Va.
Caloosahatchie Phos. Co., Tampa, Fla.
Cameron, Angus, Buckingham, Que.
Camp Phos. Co., Albion, Fla.
Can. Indust. Co., Montreal, Que.
Canadian Phos. Co., Tp. Portland, Que.
Capital Phos. Co., Ocala, Fla.
Carlisle, A. J., Newberry, Fla.
Carlisle, J. A., High Springs, Fla.
Carney Phos. Co., Summerfield, Fla.
Charleston Mg. & Mfg. Co., Charleston, S. C.
Charlotte Harbor Phos. Co., Savannah, Ga.
Chera Phos. Co., Bartow, Fla.
Chicago & Florida Mg. Co., Early Bird, Fla.
Citrus Queen Phos. Co., Leesburg, Fla.
Clarkson, Robertson & Co., Jacksonville, Florida
Clear Springs Phos. Co., Pittsburg, Pa.
Clements, Middleton & Co., Dunnellon, Fla.

Clement, M. J., Dunnellon, Fla.....
Climax Phos. Co., Leesburg, Fla.....
Collins, C. C., Belleview, Fla.....
Columbia Phos. Co., Lake City, Fla.....
Compagnie des Phos. de France, Luraville, Fla.....
Consolidated Phos. Co., Ocala, Fla.....
Coosau Mg. Co., Beaufort, S. C.....
Cove Bend L. & Phos. Co., Inverness, Fla.
Crawford, H. F., Ft. Meade, Fla.....
Crown & Crescent Phos. Co., Ocala, Fla..
Cummings, A. Lee, Smyrna, Del.....
Darlington Phos. Co., Darlington, S. C....
De Land Mfg. Co., De Land, Fla.....
De Soto Phos. Mg. Co., Zolfo, Fla.....
Deacon Co., Anthony, Fla.....
Dikle, E. W., Chipley, Fla.....
Dixie Phos. & Fer. Wks., Starr, Fla.....
Dominion Phos. Co., of London, Eng., Buckingham, Que. .....
Dotters, T. D., Charleston, S. C.....
Drayton, Chas. A., Charleston, S. C.....
Duck C. Phos. Co., Centerville, Tenn.....
Du Lievre Milling & Mfg. Co., Bass du Lievre, Que. .....
Dunnellon Phos. Co., Dunnellon, Fla.....
Dutton, H. F. & Co., Gainesville, Fla.....
Dutton & Co., High Springs, Fla.....
Eagle Phos. Co., Harrisburg, Pa.....
Edisto Phos. Co., Brown, S. C.....
Electric Mining Co., Ottawa, Ont.....
Elliston Phos. Co., Hernando, Fla.....
Empire State Phos. Co., Hernando, Fla..
Eureka Phos. Co., Pemberton, Fla.....
Evans, E. C. Mg. Co., Ocala, Fla.....
Evans & Hubbard, Dunnellon, Fla.....
Excelsior Pebble Phos. Co., New York....
Farmers' Mg. Co., Charleston, S. C.....
Flabburne, F. C., Jacksonboro, S. C.....
Floral City Phos. Co., Floral City, Fla....
Florence Phos. Co., Ocala, Fla.....
Florida Engineering Co., Kingsford, Fla..
Florida Land Rock Phos Co., Ocala, Fla..
Florida Peb. Phos. Co., Kissimmee, Fla..
Florida Phos. Co., Hernando, Fla.....
Florida Phos. Mg. Trans. & Storage Co., Bartow, Fla. .....
Florida Syn., Ltd., Ocala, Fla.....
Florida Syn. Phos. Co., Hernando, Fla....
Flournoy, Wm., Blue Springs, Fla.....
Foote Commercial Phos. Co., New York..
Ft. Meade Phos. & Fer. Co., Ft. Meade, Fla. .....
Ft. White Phos. Co., Ft. White, Fla.....
Fort White Phos. Co., Kansas City, Mo..
Franco-Am. Phos. Co., Floral City, Fla..
Fulton, W. A., Floral City, Fla.....
Gainesville Phos. Co., Gainesville, Fla....
Gem Phos. Co., Leesburg, Fla.....
General Phos. Corp., Buckingham, Que...
Gillespie & Peterson Mg. Co., East Templeton, Que.....
Glenn Alice Phos. Co., Bayhill, Fla.....
Grand River Plaster Co., Cayuga, Ont....
Great Southern Phos. Co., Covington, Ky..
Gudehus, G., Ocala, Fla.....
Gulf Phos. Mg. Co., Cleveland, Fla.....
Gulf Stream Phos. Co., Tallahassee, Fla..
Haliburton Mining Co., Toronto, Ont.....
Hamburg Phos. Co., Ocala, Fla.....
Hanson, John, Charleston, S. C.....
Hartshorn, D. W. & Co., Ocala, Fla.....
Hartshorn Phos. & Mg. Co., Hartshorn, Fla. .....
Hernando Phos. Co., Oriole, Fla.....
Hiam, J. O., Newberry, Fla.....
High Springs Phos. Co., High Spgs., Fla..
Homeland Mg. & Land Co., Bartow, Fla..
Homeland Pebble Phos. Co., New York..
Horseshoe Mg. Co., Ashepoo, S. C.....
Hubbard & Evans Phos. Mg. Co., Dunnellon, Fla. .....
Hughes, Frank, Bartow, Fla.....
Hunt, Lay & Joslyn, Bartow, Fla.....
Hurns Chemical Co., De Land, Fla.....
Ichelucknee Phos. Co., Jacksonville, Fla..
Illinois-Florida Phos. & Mg. Co., Ocala, Fla. .....
Imperial Phos. Co., Istachatta, Fla.....
International Phos. Co., Dunnellon, Fla..
International Phos. Co., New York.....
Jackson Rue Phos. Co., E. Templeton, Que.
Jones, J. T., Ocala, Fla.....
King Geo. T., Villa City, Fla.....
Knickerbocker Phos. Co., New York.....
La Pierre Phos. Co., Tallahassee, Fla....
Lahue, M. W. Phos. Co., Bartow, Fla....
Lake Co. Phos. & Fertilizer Co., Bloomfield, Fla. .....
Lake Hancock P. Phos. Co., Bartow, Fla..
Lake Rapids Mg. Co., Ottawa, Ont.....
Lake Opinicon Phos. Co., Kingston, Ont..
Land Pebble Phos. Co., Charleston, S. C..
Land Pebble Phos. Co., Savannah, Fla....
Lanellon Phos. & Fer. Co., La Crosse, Fla.
Lay Phos. Co., Bartow, Fla.....
Lee Co. Phos. Co., Myers, Fla.....
Lewis & Co., Smyrna, Del.....
Linder Phos. Co., Anthony, Fla.....
Little Bros. Fer. & Phos. Co., Jacksonville, Fla. .....
Little Rapids Phos. Mg. Co., Poupore, Que.
Live Oak Phos. Co., Elmwood, Fla.....
Lord & Peck, Winter Park, Fla.....
Lutz Phos. Co., Hagerstown, Md.....
Lybasco Phos. Co., Bartow, Fla.....
McDonnell, W. L., Orlando, Fla.....
McGiffin, J. G., Fernandina, Fla.....
McIntosh, Wm. Phos. Mg. Co., East Templeton, Que. .....
McKay, W. E., Ocala, Fla.....
McLain, Louis, Pemberton, Fla.....
Magnolia Mg. Co., Charleston, S. C.....
Magnolia Mfg. Co., Gainesville, Fla.....
Marietta Phos. Co., Ft. Meade, Fla.....
Marion Phos. Co., Savannah, Ga.....
Maryland Phos. Co., Anthony, Fla.....
Mathews, J. O., Ocala, Fla.....
Mayfield, H. T., Istachatta, Fla.....
Mead Phos. Co., Charleston, S. C.....
Merrin, F. W., Plant City, Fla.....
Mexican Phos. & Sul. Co., San F., Cal....
Miller & Co., Bassin du Lievre, Que.....
Mobile Phos. & Ch. Mfg. Co., Mobile, Ala.
Morrison, Jas., Ft. Meade, Fla.....
Mt. Holly Mg. Co., Charleston, S. C.....
Mullen & Meadows Co., Jacksonville, Fla.
National Peace River Phos. Co., Jacksonville, Fla. .....
National Phos. Rock Co., Camden, N. J...
National Phos. & Mg. Co., McKeesport, Pa.
Navassa Guano Co., Wilmington, N. C....
Netherland Phos. Co., Perkins, Que.....
Netherland Phos. Co., Ocala, Fla.....
New York Phos. Co., Ocala, Fla.....
Norfolk Marble & Phos. Co., Norfolk, Va..
North Am. Phos. Co., Montreal, Que.....
North Car. Phos. Co., Castle Hayne, N. C.
Ocala & Blue River Phos. Co., Ocala, Fla..
O'Hean, J. E. & Bro., Lexington, Fla....
Orange Co, Phos. Co., Orlando, Fla.....
Orentz, B. & Co., Fernandina, Fla.....
Ottawa Phos. Co., Buckingham, Que.....
Palmetto Phos. Co., Bartow, Fla.....
Paradise Fer. Co., Gainesville, Fla.....
Parramore, J. B., Orlando, Fla.....
Pasco Phos. Co., Chicago.....
Pawsoffkee Phos. & Mg. Co., Ocala, Fla..
Peace River Phos. Co., Savannah, Ga....
Peacher & Matthew, Ocala, Fla.....
Pebble Phos. Co., Jacksonville, Fla.....
Pebble & Soft Phos. Co., Kendrick, Fla....
Peninsular Phos. & Mg. Co., Ocala, Fla....
Peru Phos. Co., Tampa, Fla.....
Peruvian Phos. Co., Tampa, Fla.....
Pharr Phos. Co., Wilmington, Del.....
Phoenix Phos. Co., Ocala, Fla.....
Phosphate Co. of Eng., Phosphoria, Fla..
Phosphate Dev. Co. of London, Ocala, Fla.
Phosphate Dev. & Furnace Co., Albion, Fla. .....
Phosphate Mg. Co., Beaufort, S. C.....
Phosphate Mtg. Co., Gainesville, Fla.....
Phosphate of Lime Co., Ltd., Montreal, Que. .....
Pickford & Blitch, Ocala, Fla.....
Piedmont Coal & Phos. Co., Piedmont, W. Va. .....
Piedmont Phos. Co., Gainesville, Fla.....
Piedmont & Aladina Phos. Co., Ocala, Fla.
Pinckney, C. C., Jr., Charleston, S. C.....
Pittston Hard Rock & Phos. Co., Pittston, Fla. .....
Plant City & Bartow R. P. Co., Bartow, Fla. .....
Popplein Silicated Phos. Co., Balt., Md....
Poyne & Son, Limekiln, Cal.....
Prospect Phos. Co., Dunnellon, Fla.....
Pyne, C. A., Ocala, Fla.....
Read, James & Co., Beaufort, S. C.....
Resdell, M. C. & Co., Dade City, Fla.....
Richardson, N. W., Kingston, Ont.....
Riley, J. D., Fort White, Fla.....
Ritchie, A. A., Ocala, Fla.....
Roberts, J. W. Co., Dunnellon, Fla.....
Robinson Phos. Co., Ft. White, Fla.....
Rock Springs Phos. Co., Ocala, Fla.....
Rocky Point & Pender Phos. Co., Rockypoint, N. C.....
Royal Phos. Co., High Springs, Fla.....
St. Andrew Phos. Co., Stono, S. C.....
St. Helena Phos. Co., Boston, Mass.....
Saddle Creek Phos. Co., St. Louis, Mo....
Salter Phos. Co., Leesburg, Fla.....
Scott, A. A., Lakeland, Fla.....
Seabrook, E. A., Beaufort, S. C.....
Sebastopol Phos. Syn., Montreal, Que.....
Seminole Phos. Co., Jacksonville, Fla....
Shell Mound Phos. Co., Panasoffkee, Fla..
Sherlock, Thos., Bay City, Fla.....
Silver Phosphate Co., Istachatta, Fla.....
Simmons, M. F., High Springs, Fla.....
Smith, J. S., Jr., Jacksonville, Fla.....
Snider Phos. Co., Anthony, Fla.....
Southampton Phos. Co., Oscar, Fla.....
Southern Florida Phos. Co., Covington, Ky.
Southwestern Phos. Rock, Nashv'e, Tenn.
Springfield Phos. Co., Jacksonville, Fla...
Standard Peb. & Phos. Co., Orlando, Fla..
Standard Phos. Co., Early Bird, Fla.....
Standard Phos. Mg. Co., Alexandria, Va.
Standard Rock Phos. Co., Camden, N. J..
Stephens, Graham & Co., Ocala, Fla.....
Stevens, G. K. A., Phosphoria, Fla.....
Stirling, C. J. R., Sydenham, Ont.....
Stonewall Phos. Co., Blue Springs, Fla....
Stono Phos. Wks., Charleston, S. C.....
Stranathan Phos. Co., Blue Springs, Fla..
Super Phos. Co., Smith Falls, Ont.....
Suwanee River Phos. Co., Atlanta, Ga....
Swann, S. D., Fernandina, Fla.....
Swann & Williams, Phoenix, Fla.....
Tampa Phos. Co., Tampa, Fla.....
Tatum Phos. Mg. Co., Bartow, Fla.....
Templeton & Blancke River Phos. Co., East Templeton, Que. .....
Templeton & North Ottawa Mg. Co., Montreal, Que. .....
Terraceia Phos. Co., New York.....
Theullier & Clarke, Ocala, Fla.....
Thomas Phos. Co., Morristown, Fla.....
Toronto Phos. Co., Ocala, Fla.....
Traymore Rock Phos. Co., Camden, N. J..
Trenton Phos. Co., Trenton, Fla.....
Trides Phosphates de France, Ocala, Fla..
Tripp, Washington Y., Beaufort, S. C....
Tupper, K. S., Charleston, S. C.....
Tygert, Allen Fert. Co., Camden, N. J....
Union Phos. Mg. Co., New York.....
United States Phos. Co., Boston, Mass....
Vavasour Mg. Assn., Ottawa, Ont.....
Victoria Fla. Phos. Co., Newberry, Fla..
Virginia-Fla. Phos. Co., Petersburg, Va..
Vutina Phos. Co., Newberry, Fla.....
Wacasassa Phos. Mg. Co., Gainesville, Fla.
Wando Phos. Co., Charleston, S. C.....
Wayne & Von Kolnitz, Charleston, S. C..
Wekira Phos. Co., Sanford, Fla.....
Wells, G. M., Ocala, Fla.....
Wells, Chipman & Hubbard, Ocala, Fla..
Whitfield & Sanders, Early Bird, Fla.....
Whittaker Phos. Co., Homeland, Fla.....
Willard & Riley, Ft. White, Fla.....
Withlacoochee Bluff Phos. Co., St. Augustine, Fla. .....
Withlacoochee River Phos. Co., Ocala, Fla.
Wright Phos. Co., High Springs, Fla.....
Wright & McClannahan, Newberry, Fla..
Yager, Ernst, Leesburg, Fla.....
York Phos. Co., Ocala, Fla.....
Younglove, G. D., Lexington, Fla.....
Zeigler Phos. Mg. Co., Ocala, Fla.....

PRECIOUS STONES:

Adirondack Garnet Co., Minerva, N. Y...
Azure Mg. Co., New York.....
Casio, Jose G. de., Coultepec, Mex.....
Fisher, Wm. A., Hardman, Ore.....
Marion Bullion Co., Harrisburg, Pa.....
Marion Imp. Co. of N. C., Harrisburg, Pa.
Mt. Apatite Mg. Co., Auburn, Me.....
Niven Hotel de Iturvide, Huantla, Mex....

QUARRIES:

Abbott, Jos. S., Dover, N. H.....
Abbott, L. C., West Sullivan, Me.....
Abbott & Alonzo, Hancock, Me.....
Abbott & Carpenter, Barre, Vt.....
Abele, Hy., Zanesville, Ohio.....
Aberogmen Works, West Quincy, Mass....
Achora, John, Cold Brook, N. B.....
Acker, Jones, Alburtis, Pa.....
Acme Bedford Stone Co., Chicago, Ill...
Acme Granite Co., Barre, Vt.....
Acton Sandstone Co., Acton, Cal.....
Adami Bros., Helena, Mont.....
Adams, Albert, Oshawa, Ont.....
Adams Granite Co., Quincy, Mass.....
Adams, J. B., Longview, Ala.....
Adams, John, & Sons, Longford Mills, Ont.

QUARRIES—Continued.

Adams Oak Hill Granite Co., Belfast, Me.
Adams & Bacon, Middlebury, Vt.
Adams & Duford Co., Chaumont, N. Y.
Addington, M. H., Palestine, Tex.
Adirondack Granite Co., Vergennes, Vt.
Adirondack Pulp Co., Edwards, N. Y.
Adkins, Edw., Forestdale, Ohio.
Adler, A. L., New York.
Adler, Christ, Cincinnati, Ohio.
Agar, Nate, Vaughnsville, Ohio.
Ahearn Bros., Grass Valley, Cal.
Ahearn, T. J., Grass Valley, Cal.
Aker, Daniel, Cobleskill, N. Y.
Alabastine Co., Grand Rapids, Mich.
Alameda Macadam Co., Oakland, Cal.
Albany Gran. Mon. Wks., Albany, N. Y.
Albemarle Soapstone Co., New York.
Alberene Stone Co., New York.
Alberg, Chas., St. Paul, Minn.
Albernesius, F., St. Louis, Mo.
Albertson Marble Co., West Rutland, Vt.
Albion Stone Co., Cleveland, Ohio.
Albright, Wm., Logging Creek, Mont.
Alden, F., Philadelphia, Pa.
Alderson Brown S. Co., Alderson, W. Va.
Alderson Stone Co., Clayton, W. Va.
Alexander, H., Twin Lakes, Colo.
Alford, E. B., Jamesville, N. Y.
Allan, W. C., New Market, Ont.
Allegheny Coal & L. Co., Allegheny, Pa.
Allen, Anthony, Cromarty, Ont.
Allen Bros., Bridgton, Me.
Allen, C. A., Velarde, Pa.
Allen, H. M., Winfield, Kan.
Allen, Julius, Mendocino, Cal.
Allen, J. F., Northfield, Mass.
Allen, J. W., St. Louis, Mo.
Allen, L. & Son, San Antonio, Tex.
Allen, Moses, Wymore, Neb.
Allen, S. A., Deer Isle, Me.
Allen, Thos. J., Stanhope, N. J.
Allen, W. R., Knob Lick, Mo.
Allen & Ludham, Jamaica, N. Y.
Allen & Walker, West Quincy, Mass.
Almond, S., St. Stephen, Me.
Alpaugh, J. & Son, Fergus, Ont.
Alpine Plaster Co., Los Angeles, Cal.
Alpine Plas. & Cem. Co., Los Angeles, Cal.
Alsburger, Samuel, Woodsdale, Ohio.
Altamont Stone Co., Livermore, Cal.
Althouse, J. F., Pottstown, Pa.
Altman Quarry, Williams, Ariz.
Altman, Wm., Hoisington, Kan.
Alwein, Jonas, Hummelstown, Pa.
Amador Marble Co., Oakland, Cal.
Amberg Granite Co., Chicago, Ill.
Ambrose, Robert, Buffalo, N. Y.
American Bituminous Rock Co., Louisville, Ky.
American Cleaning Stone Co., Henville, N. Y.
American Granite Co., Barre, Vt.
American Granite & Marble Co., Oakdale, Cal.
American Litho. Stone Co., St. Louis, Mo.
American Marble Co., Marietta, Ga.
American Onyx Co., New York.
American Red Stone Co., Denver, Colo.
American River L. & L. Co., San F., Cal.
American Silica Sand Co., Cleveland, Ohio.
American Soapstone Finish Co., New York.
American Stone Co., New York.
American Tripoli Co., St. Louis, Mo.
American Verde Antique Marble Co., Milwaukee, Wis.
Ames, G. C., Bristol, Conn.
Ames, Calvin, Deer Isle, Me.
Amherst Stone Co., Amherst, Ohio.
Amoskeag Mfg. Co., Manchester, N. H.
Amy & Co., Greenville, Pa.
Anamosa Quarries, Stone City, Iowa.
Anderson, A., Renfrew, Ont.
Anderson, A. W., Chatham, N. H.
Anderson, A. W., Whitehall, Wis.
Anderson Co. Marble Co., Middlebury, Vt.
Anderson, James, Meaford, Ont.
Anderson, M. & Bro., Summerville, Pa.
Anderson, Ola, Concord, N. H.
Anderson, S., Joliet, Ill.
Anderson & Co., St. Cloud, Minn.
Anderson & Conant, South Thomaston, Me.
Anderson & Larson, Minneapolis, Minn.
Andre, S. B., Amherst, N. S.
Andrea, J., New Haven, Conn.
Andrew, C. W., Chester, Pa.
Andrews Bros., Hillsville, Pa.
Andrews, C. H., Biddeford, Me.
Andrews, G. W., Biddeford, Me.
Andrus, F. O., Pittsfield, Mass.
Angell, A. J., Leavenworth, Kan.
Angell, Emor, Centerdale, R. I.
Angier, R. L. & Co., Fitzwilliam Depot, N. H.
Anning, M. F., Kincardine, Ont.
Anniston Lime Co., Anniston, Ala.
Anschuty & Co., Cedarburg, Wis.
Antelope Val'y Marble Co., Fairmont, Cal.
Anthony, A. T., Newport, R. I.
Anthony, John, Clinton, Iowa.
Antique Marble Co., San Diego, Cal.
Apple, P., Freeburg, Pa.
Appleton, Isaac, Beverly, Mass.
April & Keenan, Brooklyn, N. Y.
Arbuckle, J. W., Three Brooks, N. B.
Arcadian Brownstone Co., Chicago, Ill.
Arceo, Mrs. Jesus, Jiquilpan, Mex.
Archer, M. J., Zimmerman, Ohio.
Archibald Bros., Beachville, Ont.
Archie Bros., Westerly, R. I.
Arendell, F. B., Salisbury, N. C.
Arguett, B. N., Farley, Iowa.
Arkansas Granite Co., Little Rock, Ark.
Arkansas Steatite Mfg. Co., Little Rock, Ark.
Arkansas Stone Co., Little Rock, Ark.
Arlington Granite Works, Riverside, Cal.
Armentrout Bros., Lima, Ohio.
Armitage, J. A., Lucan, Ont.
Armstrong, Frank, Bridgeport, Conn.
Armstrong, James, Watsontown, Pa.
Armstrong, J. C., Sand & Stone Co., Cheswick, Pa.
Armstrong Lime Co., Ltd., St. Johns, N. B.
Armstrong, S. R., Blacklick, Ohio.
Arnold, Geo., St. Peters, Mo.
Arnold, T., Maitland, Pa.
Arnold, Walter, St. Paul, Minn.
Arnold & Bear, Elk Lick, Pa.
Arthur, John, Elmsley, Ont.
Arriaga, Luis G., Patzcuaro, Mex.
Arthope, T. B., Macon, Ga.
Ascutney Granite Co., Windsor, Vt.
Ash Grove White Lime Association, Kansas City, Kan.
Asher, John, Edwardsdale, Pa.
Asherton & Sperry, East Blue Hill, Me.
Ashland Brown Stone Co., Chicago, Ill.
Ashland Lime, Salt & Cement Co., Ashland, Wis.
Ashman, A. B. Co., Cincinnati, Ohio.
Ashworth & Co., St. Cloud, Minn.
Atcherson, Geo., Walnut Grove, Ohio.
Athol Soapstone Co., Athol, Mass.
Atkinson, Jas. H., Baltimore, Md.
Atkinson, Wm. F., Williamston, Mich.
Atkinson & Patrick, Alron, Ill.
Atkison, G. W., Florisant, Colo.
Atlantic Stone Co., Lower Cove, N. S.
Atlantic Stone Co., Wood Point, N. B.
Attenweiler, J. H., Ludlow Falls, Ohio.
Atwood, Alex, Elkader, Iowa.
Atwood, S. H., Louisville, Neb.
Augustine, D. W., Ingersoll, Ont.
Auld & Congor, Cleveland, Ohio.
Aull, Capt. Chas., Folsom City, Cal.
Aultman, Presnell & Co., Findlay, Ohio.
Ausable Granite Wks., Keesville, N. J.
Auspauch, Wm., Host, Pa.
Austin, Chas. P., Newport, R. I.
Austin, N. E., Danbury, Conn.
Austin White Lime Co., Austin, Tex.
Authistle, W. J., Hamilton, Ont.
Averill, Fordis, Little Falls, Minn.
Avondale Lime & Stone Co., Phila., Pa.
Axtman, E. A., Grovania, Pa.
Ayers, A. W. & Son, Quincy, Mars.
Ayers, E. M., Zanesville, Ohio.
Aztec Onyx Co., Santa Fe, N. Mex.
Babb, Frank, Wilmington, Ohio.
Babb, H. P., South Thomaston, Me.
Babb, I. M., Wilmington, Ohio.
Babbitt Stone Quarry Co., Caseville, Mich.
Babble & Bruce, Chico, Cal.
Babbridge, R. B., Mt. Desert, Me.
Babcock, C. W. & Co., Kasota, Minn.
Babcock & Smith, Houghton, Wis.
Bacon, Geo. R., Philadelphia, Pa.
Badger Bros., West Quincy, Mass.
Bailey, C. A., Suncook, N. H.
Bailey, Chas. W., Cold Spring, N. Y.
Bailey, Chas., West Berlin, Vt.
Bailey, G. A., Berlin Heights, Colo.
Bailey, J. W., Granite Co., Essex Junction, Vt.
Bailey, N. H., Gustavus, Ohio.
Bailey, T. V., Warrensburg, Mo.
Bailie, S. & Son, New York.
Bair, J. & Son, York Furnace, Pa.
Baird, A. D., Brooklyn, N. Y.
Baird & Grassie, Kirksville, Mo.
Baker City Lime Co., Baker City, Ore.
Baker, Edward, Quincy, Mass.
Baker, H. J. & Bros., Brooklyn, N. Y.
Baker, John, Plymouth Meeting, Pa.
Baker, J. H., Hudson, N. H.
Baker Lime Co., Avondale, Pa.
Baker, Lowry, New Waterford, Ohio.
Baker, S. O., Republican City, Neb.
Baker Stone Co., Lucas, Ohio.
Baker, W. P., Lanesville, Mass.
Balbier, C. F., New Haven, Conn.
Balcke & Huber, Independence, Ohio.
Bald Knob Quarry, Bald Knob, Ark.
Baldwin Bros., Ironton, Mo.
Baldwin, L. J., Torrington, Conn.
Ball, C. B. & Co., Findlay, Ohio.
Ball, M., Lapps, Pa.
Ballentine, Geo., Peapack, N. J.
Ballou & Mason, Pigeon Cove, Mass.
Balph, C. A., Pittsburg, Pa.
Baltimore Marble & G. Co., Baltimore, Md.
Bandera Flagstone Co., Bandera, Tex.
Bandera Quarry Co., Kansas City, Mo.
Bangor, J. A., Rock, N. C.
Banholzer, P., Brooklyn, N. Y.
Banmberger & Lagon, Mt. Eden, Cal.
Bannerman & O'Neil, Thebes, Ill.
Barber, D. L., Mendota, Ill.
Barber, Geo., Duckpond, Me.
Barber, H. H., Milford, Mass.
Barber, R. W., Cape Girardeau, Mo.
Barbour & Ireland, Philadelphia, Pa.
Barclay Bros., Barre, Vt.
Barcus, D., Shreve, Ohio.
Bardillo Marble Co., Brandon, Vt.
Baren, R., Mt. Eden, Cal.
Barger, J. G., Goodyears, N. Y.
Barincoat, H. S., Quincy, Mass.
Barker, H. & Bro., Philadelphia, Pa.
Barker, Hy., & Sons, Lanesville, Mass.
Barker, H. E., Kansas City, Mo.
Barker, Wm., Lanesville, Mass.
Barker, Wm. P., Quincy, Mass.
Barnard, S. T., Omro, Wis.
Barnd, E., Findlay, Ohio.
Barnes, A., Elkton, Ohio.
Barnes, M. J., Ellsworth, Ohio.
Barnett, J. A., Camden, Ohio.
Barney Marble Co., Swanton, Vt.
Barnitz, D. S., Hanover, Pa.
Barnum, M. R., Osborn, Ohio.
Barrell, W. D., South Turner, Me.
Barrett, John, Reno, Neb.
Barrett, Jno., San Francisco, Cal.
Barringer, Chas., Covington, Ohio.
Bartlett, Jesse M., Batesville, Ark.
Barton, A. J., Vinal Haven, Me.
Barton, Chas., Long Meadow, Mass.
Barton, J., Mt. Eden, Cal.
Barton, W. M., De Leon, Tex.
Barton & Williams, Ipswich, Mass.
Basehoar, Samuel, Sells Station, Pa.
Basinger, J. J., Rock, N. C.
Bassett, O. T. & Co., El Paso, Tex.
Bassick, N. C., South Thomaston, Me.
Bastian & Hall, Montoursville, Pa.
Batchelder, Mark, Hudson, N. H.
Batdorf, M. F. & Co., Annville, Pa.
Batdorf & Beaver, Annville, Pa.
Bates, P. W., Norwalk, Conn.
Batterson & Eisele, New York.
Battye Freestone Co., Wallace, N. S.
Bauchman, H., Bellevue, Ohio.
Bauer, Aug., Union, Mo.
Bauer, M., Milwaukee, Wis.
Bauer & Messmer, Reading, Pa.
Bavarian Lith. Stone Co., New York.
Baxter, N. S., Pleasant Ridge, Ohio.
Baxter, Wm. C., Minneapolis, Minn.
Baxtrom, Peter, Cortez, Colo.
Bay City Stone Co., Bay City, Mich.
Bayfield B. Stone Dev. Co., Bayfield, Wis.
Bayfield Brownstone Dev. Co., St. Paul, Minn.
Bayport Quarries, Saginaw, Mich.
Bays & Jeffery, Portland, Ore.
Beach, J. T., Holton, Ind.
Beachy, R., Elk Lick, Pa.
Beachy, S. A., Elk Lick, Pa.
Beals, A., Port Kennedy, Pa.
Bealer, E. I. C., Cedar Rapids, Iowa.
Bealock, S. T., Decatur, Tex.
Bean, C. A., Phillips, Me.
Bean, H. H. & Son, Amesbury, Mass.
Bear Lake M. & Onyx Co., Montpelier, Id.
Beard, Rufus, Fredericktown, Mo.
Beardslee, E., Stratford, Conn.
Beaton, D., Mason, N. H.
Beatrice Stone Quarries, Beatrice, Neb.
Beattie, John, Leete Island, Conn.

Beatty, James, Conshohocken, Pa.....
Beatty, Wm., Fall River, Mass.....
Beaty, J. A., Delta, Colo.....
Beauchamp & McAlpine, Stone Mountain, Ga.....
Beauchamp & Thompson, Stone Mountain, Ga.....
Beaudin, Louis, Montreal, Que.....
Beaver Dam Marble Co., Baltimore, Md...
Beaver, David, Rock, N. C.....
Beaver, J. W., Annville, Pa.....
Beaver Limestone Co., Wampum, Pa.....
Beaver Limestone Co., Youngstown, Ohio.
Beaver, P. & Son, Spring Green, Wis....
Beaver Stone Co., Columbia, Pa.....
Beaver Valley Stone & Clay Co., New Brighton, Pa.....
Beaver White River Stone & Mining Co., Eureka Springs, Ark.....
Beaver, Wm., Swatara Sta., Pa.....
Bebault, Dennis, Faribault, Minn.....
Becker, Alex. D., New York.....
Becker, John, Dubuque, Iowa.....
Beckley Marble Co., Fincastle, Va.....
Bedford Bluestone Co., Chicago, Ill.....
Bedford Indiana St. Co., Indianapolis, Ind.
Bedford Oolitic Stone Co., Bedford, Ind...
Bedford Quarries Co., Chicago, Ill.....
Bedford Stone Co., Philadelphia, Pa.....
Bedford Steam Stone Works, Bedford, Ind.
Beebe, Dallas, Bement, Ohio.....
Beebee, E. A., Kansas City, Kan.....
Beech Island M. Co., Ltd., New York....
Beecher, B. S., Ada, W. Va.....
Beekley, Thomas, Pottstown, Pa.....
Beers, F. W., Bridgeport, Conn.....
Beigler & Ebertshaueser, Chicago, Ill.....
Belcher, L. F., Holbrook, Mass.....
Belding, S. C., Mason City, Iowa.....
Belknap Granite Co., Berwick, Me.....
Belknap & Dumesnil Stone Co., Bowling Green, Ky.....
Bell, H. M., Frostburg, Pa.....
Bell, Samuel, Stemton, Pa.....
Belleville Freestone Q'ry, Belleville, N. S.
Belleville Quarry Co., Avondale, N. J....
Bendlinger, Jacob, Jr., Zipp, Ind.....
Benner, A. P., Willimantic, Conn.....
Bennett, John, Auburn, N. Y.....
Bennett, John, Montoursville, Pa.....
Bennett, Theo., Alfred, Me.....
Bennett, W. A., Silvara, Pa.....
Bennett & Bell, Quincy, Cal.....
Bennett & Son, Silvara, Pa.....
Benning, A., Montoursville, Pa.....
Benning, John, Montoursville, Pa.....
Benson, J. S., Annapolis, Mo.....
Benson, Wendell, Omaha, Neb.....
Bentley, T. R., Duck Creek, Wis.....
Benton, Darwin N., Guilford, Conn.....
Berg, Peter, Wausau, Wis.....
Bergstrom, John, St. Paul, Minn.....
Berkley, J., Giessner, Pa.....
Berlin Granite Co., Berlin, Wis.....
Berlin & Montello G'nite Co., Chicago, Ill.
Bernheisel, P. & Co., Harrisburg, Pa.....
Bernish, Thos., Stone Co., Westport, Ind.
Berry, Geo., Castle, Mont.....
Berry & Ferguson, Boston, Mass.....
Berry Stone Co., St. Paul, Minn.....
Berting & Dickman, Ft. Jennings, Ohio..
Bertram, John & Co., New Bedford, Mass.
Berwick & Anderson, St. Cloud, Minn...
Bess, E. C., Poplar Bluff, Mo.....
Bessemer Limestone Co., Youngstown, O.
Bessett, Alex., Westerly, R. I.....
Best & Reilly, New York.....
Best & Schell, Whiteoaks, N. Mex.....
Beston, N. N., Claremont, N. H.....
Betancourt, Mariano, Jiquilpan, Mex.....
Bethel Statuary Co., Bethel, Vt.....
Beulehr, G. H., Wilmington, Ohio.....
Beverly Bros., Winchester, Va.....
Bianchi Bros., East Barre, Vt.....
Bice, Wm., McKee Gap, Pa.....
Bick & Glan, Toledo, Ohio.....
Bidstrup, W. & P., Carrollton, Mo.....
Big Bug Onyx Co., Prescott, Ariz.....
Big Creek Stone Co., Bloomington, Ind..
Big Four Lime Co., Mitchell, Ind.....
Big Four Limestone Co., New Point, Ind..
Big Four Stone Co., Cincinnati, Ohio.....
Big Hole Lime & Flux. Co., Butte, Mont.
Biggs, C. P., Appleton, Wis.....
Biggs, V. A., Iowa Falls, Iowa.....
Bile, Samuel, Catasauqua, Pa.....
Billage & Marsch, Cincinnati, Ohio.....
Billamboz, C. F., Picture Rocks, Pa.....
Billingfeldt, E. S., Adamstown, Pa.....
Billings, P. L., North Jay, Me.....
Billings, H. E., Hartford, Conn.....
Billings Sandstone Co., Billings, Mont.....
Billodan, J. H., Santa Cruz, Cal.....
Bills & Russell Bros., Larkspur, Colo.....
Bingham, R. M., Randall, Kan.....
Binkley, D., Swartzville, Pa.....
Bird, Jos., West Cairo, Ohio.....
Bishop, Elijah, Baltimore, Md.....
Bishop, John, Maitland, Mo.....
Bishop, Jno. B., Milford, N. H.....
Bishop, L. L., Lamar, Ark.....
Bishop & Phillips, Lithonia, Ga.....
Bissett, W. P., Blue Hill, Me.....
Bittinger, Jas., Mifflin, Ohio.....
Bit. Blk. Mfg. Co., San Luis Obispo, Cal..
Black Diamond Gr. Co., Addison Pt., Me.
Black, Geo., Cloverdale, Cal.....
Black Hills Quarry Co., Doyle, S. D....
Black Hills Variegated Quarry Co., Smithwicks, S. D. .....
Black, H. H., Collingdale, Pa.....
Black, J. H., Annville, Pa.....
Black Mt. Granite Co., Piermont, N. H..
Black & Monroe, Vinal Haven, Me.....
Blackman & Abraham, Albany, Ore.....
Blair, A. & Co., Port Kennedy, Pa.....
Blair, Wm., Cherryvale, Kan.....
Blaisdell, T. M., East Franklin, Me.....
Blaisdell, W. B., Franklin, Me.....
Blaisdell & Joy, Mt. Desert, Me.....
Blakemore, W. F., Greenwood, Ark.....
Blanchard, B. J., North Uxbridge, Mass..
Blanchard, B. J., Providence, R. I.....
Blanchard, G. M., Whitinsville, Mass....
Blanchard, M., Mongaup Valley, N. Y.....
Blanchi, J. & Co., East Barre, Vt.....
Bland, J. B. & Son, Paris, Mo.....
Blasdell, F., North Conway, N. H.....
Bleakly, Wm., Warren Tavern, Pa.....
Bleeney, J. W., Palisade, Neb.....
Blessner, F., Arcadia, Wis.....
Blethen, Curry & Co., Lynn, Mass.....
Blinn, L. W., Lumber Co., Pasadena, Cal.
Bliss, L. E. & Co., New York.....
Blochman & Ceif, San Francisco, Cal....
Block, Wm., Lancaster, Wis.....
Blodgett, E. & Co., Fitzwilliam Depot, N.H.
Blodgett, Frank, West Concord, N. H....
Blondin, L. S., Waterbury, Vt.....
Bloomington Bedford Quarry Co., Clear Creek, Ind.....
Bloomington Oolitic Limestone Co., Bloomington, Ind. .....
Blough, E., Stanton's Mill, Pa.....
Blough, I. J. & Son, Hooversville, Pa....
Blower, David, Folsom City, Cal.....
Blue Cloud Granite Co., Helena, Mont....
Blue Diamond Gran. Co., Concord, N. H.
Blue Hill Granite Co., Quincy, Mass.....
Blue, M. D., Dunham, Ohio.....
Blue Mound Quarry, Luverne, Minn.....
Blue Mtn. Granite Wks, S. Ryegate, Vt..
Blue Ridge Marble Co., Nelson, Ga.....
Blue Stone Ass'n, New York.....
Blue Stone Quarry Co., Jasper, Minn....
Bluehill Granite Co., Bluehill, Me.....
Boadlman, B. B., Clifton Springs, N. Y..
Boardman, Geo., Sioux Falls, S. D.....
Bocabec Black Granite Co., Boston, Mass..
Bodenschatz Bedford Stone Co., Chicago..
Bodger, D. M., Organchurch, N. C.....
Bodwell, F. S., Manchester, N. H.....
Bodwell Granite Co., Rockland, Me.....
Boeringer, Chas., Covington, Ohio.....
Bohrs, Henry, Johnson, Neb.....
Boicourt, Z., Westport, Ind.....
Bolduc, M., Lawrence, Mass.....
Bolles, Frank P., New Preston, Conn....
Bolles, Henry, New Preston, Conn.....
Bonar, E., Flag, Ohio.....
Boncher, Jos. O., Perce, Que.....
Bond & Thayer, Manchester, N. H.....
Bonnell, A. D., South Bay, N. B.....
Booher, J. S., Chambersburg, Ohio.....
Boone, G. F., Kahoka, Mo.....
Booth Bros. Granite Co., Philadelphia, Pa..
Booth Bros. & Hurricane Isle Granite Co., New York.....
Booth, Elon, Newton, Conn.....
Booth & Fish, Webster, Pa.....
Booth & Flynn, Idlepark, Pa.....
Boots, Bickett & Conklin, New Jasper, O.
Borax Mg. Co., Calico, Cal.....
Boricourt & Son, Harper, Ind.....
Borland, D. & Son, Alliston, Ont.....
Borrowman, A. M., Barrie, Ont.....
Bosler, C. & Son, Ogontz, Pa.....
Bosler, J. B., Louisville, Ohio.....
Boston Mar. & Gr'te Co., Worcester, Mass.
Boston & Maine Ry Co., Wolfboro, N. H.
Boswell, Jno., Andover, N. H.....
Boswell, Jos., Davis City, Ia.....
Boswell, J. W., Sterling, Conn.....
Bosworth & Co., Holyoke, Mass.....
Boughton, G. H., Neosho Falls, Kan.....
Bound & Boone, Shickshinny, Pa.....
Bounsall, E. R., Bowmanville, Ont.....
Bounty, A. E., Stamford, Conn.....
Boutwell, J. M., Montpelier, Vt.....
Bowdon, Geo., Exeter, Ont.....
Bowers, A. M., Forest, Ohio.....
Bowers R. C. Gran. Co., Montpelier, Vt..
Bowles, Gunn & Co., Winnipeg, Man.....
Bowles & Roarke, New York.....
Bowling Green St. Co., Louisville, Ky....
Bowman, P. J., Giessner, Pa.....
Bowman & Co., Bathurst, Ont.....
Boyd, D. B., Mt. Pleasant, Pa.....
Boyd, J. W., Cleveland, Tenn.....
Boyd & Co., Uniontown, Pa.....
Boyd & Miniks, Cleveland, Tenn.....
Boyd & Son, Cox's Mills, Ind.....
Boyde, J. W., Marble Switch, Tenn.....
Boyer, Ay., Bracebridge, Ont.....
Boyer Bros., Maryville, Mo.....
Boyer, Chris., St. Genevieve, Mo.....
Boyer, Geo., De Soto, Mo.....
Boyer, Geo., Summit Mills, Pa.....
Boyer, Jules, St. Genevieve, Mo.....
Boyle, Jno., Cincinnati, Ohio.....
Boyles, B. F., Palestine, Tex.....
Boynton, L. C., Comanche, Tex.....
Brackett, E. J., West Brook, Me.....
Bradbury, Frank, Franklin, Me.....
Braddock Land & Gr. Co., Little Rock, Ark.
Braddon, E. R. & Son, San Antonio, Tex..
Bradford, I., La Chute Mills, Que.....
Bradley Dan, Carrington, New Haven, Ct.
Bradley, F. C., Pawtucket, R. I.....
Bradley, T. & J., Corning, N. Y.....
Bradley, W. & Son, Brooklyn, N. Y.....
Brady, Gilbert, Albion, N. Y.....
Brady, James, Landsdale, Pa.....
Bragdon, G. H. & Son, Biddeford, Me....
Brahm, J., New York.....
Brainard, E. R., Joliet, Ill.....
Brainard, L. R., Joliet, Ill.....
Brainard Quarry Co., Portland, Conn.....
Brainerd, W. T., New York.....
Braintree Red Granite Co., Boston, Mass..
Bramford Granite Co., Stonycreek, Conn..
Branchy & Wilton, New York.....
Brand, J. F., Lithonia, Ga.....
Brand, J. T., Lithonia, Ga.....
Brandenburg, Lee, Clay City, Ind.....
Brandenstine, J., Cobleskill, N. Y.....
Brandon Italian Marble Co., Brandon, Vt.
Brandon Lime & Marble Co., Leicester, Vt.
Brandywine Granite Co., Wilmington, Del.
Branford Granite Co., Brooklyn, N. Y.....
Brantley & Watson, Lithonia, Ga.....
Bras D'Or Marble Co., Halifax, N. S.....
Brass, Peter, Hamilton, Ont.....
Brawley, Wm., Armadale, Ohio.....
Braxter, T. N., Paoli, Ind.....
Bray Bros., Deer Isle, Me.....
Breach, Henry, Boulder, Colo.....
Brechbill & Webbert, Boiling Sp'gs, Pa..
Brechin, John, Morrisville, Vt.....
Breden, Seth & Son, Hartford, Conn.....
Breed, G. S., Lime City, Ohio.....
Breeden, B. F., Buchanan, Va.....
Breen Stone Co., St. Paul, Minn.....
Brenneman, Amandas, E. Union, Ohio....
Brennenkampt, F. J., Eureka, Nev.....
Brentsville & Bristowe Stone Co., Brentsville, Va.....
Brickley Bros., Markle, Ind.....
Brickner, W. T., Albany, N. Y.....
Brideport & Conshohocken Stone Quarry, Philadelphia, Pa.....
Bridge, S. F., Georges Station, Pa.....
Bridgeport Quarry Co., Bridgeport, Conn..
Bridges, E. D., Nevada City, Cal.....
Bridges, T. W., Wabash, Ind.....
Bridgewater & Forge Granite & L. Co., Fredericksburg, Va. .....
Brien, John, St. Louis, Mo.....
Briggs, Ed., Lavalle, Wis.....
Briggs, John R., Coeymans, N. Y.....
Briggs, R. P., Norwell, Mass.....
Brightbill & Son, Annville, Pa.....
Brightman, W. J. & Co., Swansea, Mass..
Brink & Knapp, Skinners Eddy, Pa.....
Brinton, J. H., Thornbury, Pa.....
Brisson, Elizear, St. Anaclet, Que.....
Britnel & Charlton, Inglewood, Ont.....
Brocker Bros., New York.....
Brockman Quarry Co., Marshalltown, Ia..
Brodbeck, J., Orbisonia, Pa.....

QUARRIES—Continued.

Brodie, R. J., Smith's Falls, Ont.....
Brodigan, J. & Co., Madoc, Ont.....
Brody & Maritby, Buffalo, N. Y.....
Brogan, Stephen, Whitehouse, Ohio.....
Brokensword Stone Co., Bucyrus, Ohio....
Bronson Stone Co., Norwalk, Ohio.....
Brooklyn Stone Co., Brooklyn, N. Y.....
Brooks, H. R., E. Glastonbury, Conn....
Brooks, John, Bakers Landing, Pa.....
Brooks, L. B., Fountain, Ind.....
Brooksby & Stett, Albany, N. Y.....
Brosnon, Thos., Worcester, Mass.....
Brougher, J. A., Rockbridge, Ohio.....
Brown, Alfred J., Lykens, Ohio.....
Brown, A. L., Sound, Me.....
Brown, F., Vinal Haven, Me.....
Brown, F. E., Housatonic, Mass.....
Brown, F. S. & Co., Stone City, Ia.....
Brown, H. S., Rochester, N. Y.....
Brown, Jas, Wilmington, Ohio.....
Brown, J. A., Iron Station, N. C.....
Brown, Jas. G., Barre, Vt.....
Brown, Jno., Springboro, Ohio.....
Brown, John, Summerhill, Pa.....
Brown, J., Rex, Ohio.....
Brown, J. E., Philadelphia, Pa.....
Brown, Killbuck Stone Co., Killbuck, O.
Brown, Lewis, Peabody, Mass.....
Browne, McAllister & Co., New York....
Brown, O., Concord, Tenn.....
Brown, Q. D., Dayton, Ohio.....
Brown, S., Venice, Ohio.....
Brown, S. W. & Co., Union City, Pa.....
Brown, Walter, Tyngsbow, Mass.....
Brown, W. S., San Francisco, Cal.....
Brown & Ford, Los Angeles, Cal.....
Brown & Freeman, Mt. Desert, Me.....
Brown & Majoun, New York.....
Brown & Wade, S. Thomaston, Me.....
Brownell, Jas. S., San Francisco, Cal.....
Bruce, J. & Son, Joliet, Ill.....
Bruce, Lawrence, St. Louis, Mo.....
Bruce Lumber Co., Lawrence, Kan.....
Bruce, Wm., Shelburne, N. S.....
Bruce, Wm., Warrensburg, Mo.....
Bruce & Cadger, E. Barre, Vt.....
Bruce & Sheahan, St. Louis, Mo.....
Bruckman, H. & Co., Lawrence, Mass.....
Bruen, E., Beallsville, Ohio.....
Brulacker & Loomis, Halifax, Pa.....
Brunette, M., Velp, Wis.....
Brunker, Wm., Sandusky, Ind.....
Brush, A. G., Hickorygrove, Pa.....
Brush, J., Sewickley, Pa.....
Brush & Curtis, Hardwick, Vt.....
Bryant Bros., N. Jay, Me.....
Bryant, Geo. E., Elyria, Ohio.....
Bryant & Co., Fitzwilliam Depot, N. H...
Bryne, Jos., Cincinnati, Ohio.....
Buchanan, S., Markle, Ind.....
Buchanan, W. Norval, Ont.....
Buck, Hiram, Lenox, Pa.....
Buck Lake Granite Co., Hardwick, Vt....
Buck Mountain Gran. Co., Hardwick, Vt..
Buck, Pete, Elimsport, Pa.....
Buckeye Stone Co., Galion, Ohio.....
Bucklandt & Harding, Glastonbury, Conn.
Buckle, Adolph, Glenwood, Wis.....
Buckley, John, Boise City, Idaho.....
Buckley, M. D., New London, Conn.....
Buckley & McCormick, Malden, Mass.....
Buckmaster, T. C., Newburg, N. Y.....
Budding, G. S., Wrightsville, Pa.....
Buell, P. A. & Co., Tulare, Cal.....
Buena Vista Freestone Co., Buenavista, O.
Buess, Wm., New York.....
Buetsche, Albert, Cincinnati, Ohio.....
Buff Building Stone Co., Buffalo, N. Y.....
Buffalo Stone Co., Buffalo, N. Y.....
Buffalo & Medina Cut S. Co., Buffalo, N.Y.
Bull, B. T., Wilderville, Ore.....
Bull, J. C., Jr., Eureka, Cal.....
Bullis, J., Iroquois, Ont.....
Bundim, G. T., Brooklyn, N. Y.....
Buner, Simon, Sparta, Wis.....
Bunkham & Mills, Barre, Vt.....
Bunnell, E., Skinner's Eddy, Pa.....
Bunnell, T. C., Pierce City, Mo.....
Burch, Aug., Covington, Ohio.....
Burgan, J. H., Higginsville, Mo.....
Burger & Stevens, Honeygrove, Tex.....
Burgess Bros., Cheverie, N. S.....
Burgher, C. P. & Sons, Russellville, Ky..
Burke, Chas., Baraboo, Wis.....
Burke, John, Whitewood, S. D.....
Burke's Quarry, Portland, Ore.....
Burkhardt, M., Hamilton, Ohio.....
Burkhart, S. W., Laramie, Wyo.....
Burlington Mfg. Co., Burlington, Vt.....
Burlington M. & G. Co., Hamilton, Ont..
Burnett, B. T., Manhattan, Colo.....
Burnett, Geo., Leavittsburg, Ohio.....
Burnham, C. D. & H. D., Hartford, Conn.
Burnham, D. A., Biddeford, Me.....
Burnhill, F., South Bay, N. B.....
Burns, L. M., Milford, N. H.....
Burns & Johnson, Brooklyn, N. Y.....
Burns & Loughlin, Worcester, Mass.....
Burpee & Co., Calais, Me.....
Burr, Lemuel, Temple, Tex.....
Burrows, W. G., Glencoe, Ont.....
Burtine, James, Romona, Ind.....
Burton, Chas., E. Longmeadow, Mass....
Burwell, Isaac, Ossipee, N. H.....
Busch, M., Louisville, Ky.....
Bush, H. K., Barre, Vt.....
Bush & Stata, Morrisburg, Ont.....
Bustos Cipriano of Aquililla, Apatzingan, Mex.....
Butcher & Richmon, Los Angeles, Cal....
Butler-Ryan Co., St. Paul, Minn.....
Butler & Humphrey, Kohoka, Mo.....
Butman, J. M., Chelmsford, Mass.....
Butterfield, J. L., Grafton, Vt.....
Buttyee, Geo. & Co., Wallace, N. S.....
Byrne Bros. & McClear, Lincoln, Cal.....
Cabot, F. M., Irondale, Ala.....
Cabot, M., Gate City, Ala.....
Caden Stone Co., Evansville, Ind.....
Cadwell & Gaylord, Pelham, Mass.....
Cady, M. K., Agua Caliente, Cal.....
Cady, W. R., Agua Caliente, Cal.....
Cahill, Daniel, Lanesville, Mass.....
Cain, J. J., Nashville, Tenn.....
Cain, John, Baker's Landing, Pa.....
Caine, W. H., Cleveland, Ohio.....
Cairns & McLean, Charlottetown, P. E. I..
Calanach, A. A., Devault, Pa.....
Calder, A. J., Allentown, Pa.....
Calder & Carine, Westerly, R. I.....
Caldwell & Haldeman, Brainbridge, Pa....
Cal. Adam Wall Plast. Co., San Francisco.
Cal. Bit Rock Co., San Luis Obispo, Cal..
Cal. Imp. Co., Oakland, Cal.....
Cal. Portland Cement Co., San Francisco.
Cal. Travertine & Onyx Co., Bridgeport, Cal.....
Calkins & Grant, Longmont, Colo.....
Call, Thos., Shead's Mills, Ont.....
Callan, M., Sandusky, Ohio.....
Calloway, W. & Co., Beetown, Wis.....
Calthorp, J. N., Rangely, Colo.....
Cambria Iron Co., Birmingham, Pa.....
Cambria M. Co., Powder Sp'gs Gap, Tenn.
Cambridge Stone Co., Boston, Mass.....
Cameron, Allen, Sauk Rapids, Minn.....
Cameron Silica Co., S. Beddington, Me..
Cameron, Thos., Burforth, Ont.....
Cameron, Wm. & Co., Stephenville, Tex..
Cameron & Smith, Comanche, Tex.....
Camp, C. A. D., Boonton, N. J.....
Camp, F. P., Port Allegany, Pa.....
Campbell, A., Middletown, Conn.....
Campbell, D. C., Bothwell, Ont.....
Campbell, F. L., Delaware, Ohio.....
Campbell Iron Co., Ironton, Ohio.....
Campbell, P. I. & Co., Boston, Mass.....
Campbell, Wm., Goderich, Ont.....
Campbell & Hazelton, Delaware, Ohio....
Campbell & Horn, Deleon, Tex.....
Campbell & Macomber, Ellsworth, Me....
Campbell & Murphy, Easton's Cors., Ont..
Canadian Granite Co., Ottawa, Ont.....
Canare, Andrew, Madison, Wis.....
Canney, Ed., Pigeoncove, Mass.....
Canning, D., Newburyport, Mass.....
Canon, T. C., Fitzwatertown, Pa.....
Canton & Malvern, F. B. & P. Co., Malvern, Ohio.....
Cape Ann Granite Co., Boston, Mass.....
Cpe. Girardeau Gr. Co.,Cape Girardeau,Mo.
Cape Lime & M. Co., Cape Girardeau, Mo.
Capital Granite Co., Marble Falls, Tex....
Caravatta, M., New York.....
Carbon Limestone Co., Lowellville, Ohio..
Carbondale Brown Stone Co., Chicago....
Carew, J., Boston, Mass.....
Carew, J. F., Boston, Mass.....
Carey, Samuel, New York.....
Carkin, Chas., Milford, N. H.....
Carl, J., McKee Gap, Pa.....
Carlaw Bros., Sacramento, Cal.....
Carlett, J. J., Osier, Colo.....
Carline Supply Co., Coveforge, Pa.....
Carlneci, Frank, Nicholson, Pa.....
Carlston Bros. & Co., St. Cloud, Minn....
Carlton, A. E., Milford, N. H.....
Carlton, I. H., Milford, N. H.....
Carlton, S., Whiteriver Junction, Vt.....
Carnes, W. M., E. Barre, Vt.....
Carolina Brown St. Co., Bryantsville, N. C.
Carolina Buff Stone Co., Gulf, N. C.....
Caron, J. E., Tadousac, Que.....
Caron Stone Co., Louisville, Ky.....
Carpenter Bros., Port Chester, N. Y.....
Carpenter Gran. Wks., W. Concord, N. H.
Carpenter, James, Lockport, N. Y.....
Carpenter, J. W., Carroll, Ohio.....
Carpenter, J. W. & Co., Hooker, Ohio....
Carr, R. C. & Co., Ridgway, Colo.....
Carrara Marble Quarry, San F., Cal.....
Carrick Bros. Gr. Co., St. Johnsbury, Vt..
Carrigan, P. C. & Co., Skaneateles, N. Y..
Carroll, D. I. & J. H., Seven Islands, Va..
Carter Bros., East Kingston, N. H.....
Carter, Geo., Aldie, Va.....
Carter, R. F., Hardwick, Vt.....
Carter, T. W., Boston, Mass.....
Carters, T. W. & Bros., Mooresville, Ind..
Carthage M. & Wh. L. Co., St. Louis, Mo..
Carthage Qry. & Cons. Co., Carthage, Mo.
Carthage Stone Co., St. Louis, Mo.....
Cartnell, Wm., Thoroid, Ont.....
Carver, C. E., Faribault, Minn.....
Cary, W. H., Centerdale, R. I.....
Casbeer Bros., Lampasas, Tex.....
Case, W., Louisiana, Mo.....
Casey, Jas. M., Lynchburg, Va.....
Casey, Laurence, Albany, N. Y.....
Cashman, Ed., Dalton, N. H.....
Cashman, John, W. Quincy, Mass.....
Casparia Stone Co., Columbus, Ohio.....
Casperis, S., Cold Springs, Ohio.....
Cassiday, S. A., Holden, Mo.....
Cassidy, Bernard, Jersey City, N. J.....
Cassidy, James, Deer Park, Ont.....
Cassidy, J. W., Louisville, Ky.....
Castle Rock Stone Co., Denver, Colo.....
Castler, H. H., Bothwell, Ont.....
Caswell, D. Y. & L. W., Wyalusing, Pa..
Caterson, E., Walton, N. Y.....
Caterson, R., Walton, N. Y.....
Caterton, Wm., Buffalo, N. Y.....
Catto, John, Westerly, R. I.....
Cavanaugh, T. E., St. Louis, Mo.....
Cavey, W. E., Granite, Md.....
Cedar Bluff Mar. Quarry, Knoxville, Tenn.
Cedar Hollow Lime Co., Devault, Pa.....
Celi, P., Walton, N. Y.....
Celland, L. Martinsville, Ohio.....
Central, A. R., Montreal, Que.....
Central City Stone Co., Peoria, Ill.....
Central Litho. St. Co., E. St. Louis, Ill..
Central Ohio Stone Co., Sharon, Pa.....
Cen. Pac. R. R. Co., San Francisco, Cal...
Cerqua, A. E., New York.....
Ceurless, Wm., Liberal, Mo.....
Chace, W. W., Fallriver, Mass.....
Chaddon, D. H. & Co., Albany, N. Y.....
Chadwick Bros., Albion, N. Y.....
Chadwick, J., Hedrick, Iowa.....
Chadwick, W., Kingston, Ont.....
Chagrin Falls St. Co., Chagrin Falls, O....
Chaillaux, J. A., Georgia, Ind.....
Chalfant, A. M., Etna, Pa.....
Chaltnell, Wm., Thoroid, Ont.....
Chambers, F. E., Mason, N. H.....
Chambers, J., Olneyville, R. I.....
Chambers, M. P., Kingston Center, Ohio..
Chambers, R., Lindsay, Ont.....
Chambers, S., Kingston Center, Ohio.....
Champion Quarries, Stone City, Ia.....
Chandler, C. V., Macomb, Ill.....
Chandler, J. V., Jonesboro, Me.....
Chandler, M. G., Bristol, N. H.....
Chaney, Jas., Frazeysburg, Ohio.....
Chapman Gran. Wks., Westerly, R. I.....
Chappaqudic Co., Edgartown, Mass.....
Chappel & Young, Colebrook, N. H.....
Chapple, G. W., Bowling Green, Mo.....
Charles River S. Co..Cambridgeport, Mass.
Charles, R. P., New York.....
Charleston, R. A., Iowa Falls, Ia.....
Charlotte Granite Co., Charlotte, N. C..
Charlton, Anthony, Inglewood, Ont.....
Chase Co. S. Co., Cottonwood Falls, Kan.
Chase, Geo., New York.....
Chase Granite Co., Bluehill, Me.....
Chaster, J. L., Arkins, Colo.....
Chateauvert, Pierre, St. Alban, Que.....
Chattanooga Mar. Co., Chattanooga, Tenn.
Chattanooga M. & St. Co., Freestone, Ky..
Chaussee, E., Oshawa, Ont.....
Chavez, Constancio, Apatzingan, Mex.....
Chebucto M. & Gran. Wks., Halifax, N. S.
Chelsea Granite Co., Chelsea, Vt.....
Cheltenham Quarry Co., St. Louis, Mo....
Cheney, Chas., Agnew, Pa.....

Cheney, H. I., Barre, Vt.....
Cherokee Red Sandst. Q., Sanford, N. C...
Cherry Falls I. Wks., Leetonia, Ohio.....
Cherry Red Sandstone Co., Denver, Colo..
Chesley, D. & Co., Durham, N. H.....
Chessar, Ay., Boston Mills, Ont.....
Chester Co. Granite Co., St. Peters, Pa....
Chester, Jas., Marvin, Kan.....
Chetto, G., Walton, N. Y.....
Cheves, Wm., Gloucester, Mass.....
Chew, W. A., New Windsor, Md.....
Chicago Brown Stone Co., Gano, Ohio.....
Chicago, Iowa & Dak. Ry., Alden, Ia.....
Chicago Lumber Co., Topeka, Kan.....
Chicago Pumice Co., Chicago.....
Chicago & Bedford Stone Co., Bedford,Ind.
Chicago & Bloomg'tn St. Co., Bedford,Ind.
Chicago & Indiana B. St. Co., Carbon, Ind.
Chicago & Naperville S. Co., Naperville,Ill.
Chicago & Vert Island Stone Co., Chicago.
Chipley, Alex., Hannibal, Mo.....
Chisholm, K. & Co., Brampton, Ont.....
Christa, Henderson & Co., Toronto, Ont...
Christian, John, Grovania, Pa.....
Christianser, P., Mt. Eden, Cal.....
Christmas, T. G., Brooklyn, N. Y.....
Church, W. M., Portland, Ont.....
Churchill & Hitchcock, Quincy, Mass.....
Circle, D., Pleasant Hill, Ohio.....
Circle & Meyers, Ludlow Falls, Ohio.....
City St. Imp. Co., San Francisco, Cal....
Claebron, G. W., Essex, Mass.....
Clancy, Jas. & Co., Concord, N. H.....
Clappsaddle, Jas., Marlboro, Ohio.....
Clarendon Marble Co., Rutland, Vt.....
Clark, Alvah, San Luis Obispo, Cal.....
Clark, C. H., Mesopotamia, Ohio.....
Clark, Chas. & Co., Galveston, Tex.....
Clark Co., Clay Center, Ohio.....
Clark, David W. & Sons, New Vienna, O.
Clark, E. W. & Co., Chetopa, Kan.....
Clark, F. G., Blue Stone Co., Oxford, N. Y.
Clark, F. R., W. Concord, N. H.....
Clark, Geo., Concord, N. H.....
Clark, G. W., Riverside, Cal.....
Clark, Howard, Hubbell, Neb.....
Clark, I., New Vienna, Ohio.....
Clark, Jas., Hillsboro Bridge, N. H.....
Clark, Jas., W. Dummerston, Vt.....
Clark, Joseph, Redington, Pa.....
Clark, J. L. & Son Co., Barre, Vt.....
Clark, J. S., Sunbury, Pa.....
Clark, J. W., Jersey Mills, Pa.....
Clark, N. T., Salem, Mass.....
Clark, Robt., Peoria, Ill.....
Clark-Rockfellow Gran. Co.,San Diego,Cal.
Clark, Rodney, Hillsboro Bridge, N. H...
Clark, W. C., Walton, N. Y.....
Clark, Will., Gouverneur, N. Y.....
Clark & Carter, Guelph, Ont.....
Clark & Dickerson, Bayview, P. E. I.....
Clark & Lloyd, San Francisco, Cal.....
Clark & Snook, Fayetteville, N. Y.....
Clarke, M. G., Clermontville, Ohio.....
Clarke, R., Plymouth, Mass.....
Clarke, S. & Son, Toledo, Ohio.....
Clarke, Wm., Toledo, Ohio.....
Clarke & Brainerd, New York.....
Clark's Island Gran. Co., New York.....
Clarksfield Stone Co., Clarksville, Ohio....
Clarkson, T. S., Potsdam, N. Y.....
Clausner & Kepner, Allentown, Pa.....
Clay, T. P., W. Berlin, Vt.....
Clay & Heynen, Sedalia, Mo.....
Clear Creek S. & M. Co., Clearcreek, Ind.
Clearfield Quarrying Co., Clearfield, Pa..
Clearwater, John, Cannelton, Ind.....
Cleaver, D. C., Philadelphia, Pa.....
Clegg, James, Green's Landing, Me.....
Clemmens, A., Melton, Pa.....
Cleveland, L., W. Derby, Vt.....
Cleveland Stone Co., Cleveland, Ohio.....
Cliff, J. T., Fort Collins, Colo.....
Clift, John, Mineral City, Ind.....
Cline, J., Port Nelson, Ont.....
Cline & Webb, Hamilton, Ont.....
Ciutta, S. P., Amherst, Mass.....
Coate & Deeter, Ludlow Falls, Ohio.....
Coates & Cross, Sauk Rapids, Minn.....
Cobb, F. & Co., Rockland, Me.....
Cebb Lime Co., Boston, Mass.....
Cobrum, J. P., W. Berlin, Vt.....
Coburn & Jones, E. Barre, Vt.....
Cochran, D. H., Jamestown, Pa.....
Cockings, P., Liverpool, N. Y.....
Codo, Jos., Wampum, Pa.....
Coffey, Thos., New York.....
Coffey, T. L., Lincoln, Cal.....
Cofield, Levi, Piqua, Ohio.....
Cogswell Bros., Parma, Ohio.....
Cohn & Robertson, Granite Heights, Wis..
Colt & Graham, Greenfield, Ohio.....
Colder, D. B., Briggs, Ohio.....
Cole, John, Quincy, Mass.....
Cole, M., Lamar, Mo.....
Cole, M. & Sons, Freestone, Ohio.....
Cole, W. H., Portland, Ore.....
Colebrook Fur. & Lm.St.Qry.,Lebanon,Pa.
Coleman, C. H. & Co., New York.....
Coleman, Daniel, Terrytown, Pa.....
Colewin, G. W., White Water, Wis.....
Collier, J. R., Oregon, Mo.....
Collins, G. W., Conyers, Ga.....
Collins, J. E., Westerly, R. I.....
Collins, John, Kanawha City, W. Va.....
Collins, Martin, Danbury, Conn.....
Collins, Richard, Alpena, Mich.....
Colo. Lime & Flux. Co., Denver, Colo.....
Colorado Mfg. Co., Denver, Colo.....
Colorado Marble Co., Canon City, Colo.....
Colorado Marble & Mg. Co., Denver, Colo.
Colorado Stone Co., Colorado Sp'gs, Colo.
Colpman Bros., Lethbridge, N. W. T.....
Colton Lime Co., Colton, Cal.....
Columbia Bldg. Mat. Co., Alexandria, Va.
Columbia Granite Co., Middletown, Conn..
Columbia Mble. Co., Knoxville, Tenn..
Columbia Marble Co., San Francisco, Cal.
Columbia M. & Gr. Co., Spokane, Wash..
Columbian Marble Co., Proctor, Vt.....
Comes, H. E., Danbury, Conn.....
Commercial Wood & Lime Co., Phila., Pa.
Common, Alex. & Co., Barre, Vt.....
Common Limestone Co., New Point, Ind..
Conaway, T. B., Vanport, Pa.....
Con Bros., Lansing, Mich.....
Concord Marble Co., Concord, Tenn.....
Concord Quarry Co., Concord, Tenn.....
Condon, David, Marysville, Cal.....
Condon, J. B., New York.....
Condon, P. R., Norwich, Conn.....
Conklin, Jos. E., Winfield, Kan.....
Conklin, W. & F., Brooklyn, N. Y.....
Conley, Frank E., Oneida, N. Y.....
Conn. Brownstone Co., Cromwell, Conn..
Conn. Freestone Quarry Co., Cromwell, Ct.
Conn. Stearn Brownst. Co.,Portland,Conn.
Conn. Valley Mg. Co., Brooklyn, N. Y...
Connelly Bros., Beverly, Mass.....
Connor, Barney, Concord, N. H.....
Connor, Edward, Fitchburg, Mass.....
Connor, H. C., Masthope, Pa.....
Connor, J. H., Rome, Tenn.....
Connor, J. Q. A., Masthope, Pa.....
Connor, P. O., Pawtucket, R. I.....
Connor & Becker, Carbondale, Pa.....
Conrad, Jacob, Skidmore, Mo.....
Conrad, John, Springmount, Pa.....
Conshohocken Quarry Co., Phila., Pa.....
Conshohocken Stone Co., Philadelphia, Pa.
Cons. Bit. Rock Co., San Francisco, Cal..
Consolidated Quarry Co.,Washington,D.C.
Consolidated Stone Co., Chicago.....
Con. Stone & Mg. Co., Pittsburg, Pa.....
Constitution S. Co., Constitution, Ohio.....
Con & Appleyard, Dimondale, Mich.....
Coogan, W., New York.....
Cook, A. B., Petersburg, Va.....
Cook, D. J., Ledgewood, N. J.....
Cook, J. B., Victor, Cal.....
Cook, Milo, Olean, N. Y.....
Cook, W. D., Montpelier, Ind.....
Cook & Hyde, Milwaukee, Wis.....
Cooley, A. H. & Co., Omaha, Neb.....
Cooney, Benj., Cincinnati, Ohio.....
Coonrod, John, Oelwein, Ia.....
Cooper, Jas., Rogersville, Tenn.....
Cooper, M. M., Morehead, Ky.....
Cooper & Rutter, Port Hope, Ont.....
Co-operative Granite Co., Montpelier, Vt.
Cope, A., Hatboro, Pa.....
Cope, Frank, New Waterford, Ohio.....
Cope, J., Santa Cruz, Cal.....
Copeland, James, Downington, Pa.....
Copeland, Peter, Richmond, Va.....
Coppenger, Jackway&Stubbs,Hesperus,Col.
Coppock, Frank, Ludlow Falls, Ohio.....
Corby, T. R., Brighton, Ont.....
Corcoran, J., Edina, Mo.....
Corliss, S. B., Randolph, Mass.....
Cormack, Jas., San Luis Obispo, Cal.....
Corning Bluff Stone Co., Elyria, Ohio.....
Cornish, Jos., New Haven, Conn.....
Corona Marble Co. of Vt., Brandon, Vt....
Corse, R. V., Bethel, Vt.....
Corser, A. R., Fremont, Ohio.....
Corson, G. & W.H.,Plymouth Meeting,Pa.
Cort, A. L., Steuben, Ohio.....
Corydon Stone Co., Corydon, Ind.....
Cote, Antoine, La Carriere, Que.....
Cote, John E., Skeads Mills, Ont.....
Cothans, John, Jones' Mills, Tenn.....
Coughlin, J. & Bro., Peterboro, Ont.....
Coughlin, T. R., Mankato, Minn.....
Coughlon, F. G. & Co., Albany, Mass....
Coulthard, Jos., Etna, Wis.....
Courchesne, A., El Paso, Tex.....
Covington St. & Marble Co., Covington,Ky.
Covington Stone Co., Covington, Ohio.....
Cowell, Henry & Co., Santa Cruz, Cal....
Cowen, James, Morton, Pa.....
Cox, C. A. & Son, Philadelphia, Pa.....
Cox, I., Summerside, P. E. I.....
Cox, Ira, Carbondale, Pa.....
Cox, Squire, Holton, Ind.....
Cox & Curtis, Riverside, Cal.....
Cox & Hennessey, St. Cloud, Minn.....
Cox & Keane, Waltham, Mass.....
Coxey, J. S., Massillon, Ohio.....
Coxhead, Geo. W., Edgerton, Wis.....
Coy, C. S., El Paso, Tex.....
Coyle, Hugh, Colebrook, N. H.....
Crabb, John, Winfield, Pa.....
Crabtree, W., Syracuse, N. Y.....
Crabtree & Harvey, W. Sullivan, Me.....
Craig, I., Lower Windsor, N. B.....
Craig, John, Limehouse, Ont.....
Craig Marble Co., Knoxville, Tenn.....
Craig, N. A., Tablerock, Neb.....
Craig, W. B., Mankato, Minn.....
Craig & Davis, Kewanee, Ill.....
Craig & Richards Gr. Co., Quincy, Mass..
Craigsville L'stone Q'y, Craigsville, Va..
Cramer, Seb., Moscow, Ohio.....
Cramer & Dooley, Neodesha, Kan.....
Cramer & Norton Stone Co., Bedford, Ind.
Crapton & Woodward, Blossom, Ind.....
Craven & Elwell, Duck & Pringle, B. C...
Crawford, A., New York.....
Crawford, G. R., Paris, Ont.....
Crawford, John & Son, Buffalo, N. Y.....
Crawley, J., Strickler, Ark.....
Cray, A., Alma Center, Wis.....
Credit Forks Stone Co., Credit Forks, Ont.
Creeron Bros., Clinton, Mass.....
Cregar, J. S., Califon, N. J.....
Creighton, P., Sewickley, Pa.....
Crescent Stone Co., Bloomington, Ind.....
Creswell Springs Gr. Co., Mooresville,N.C.
Crichton, J. F., Minneapolis, Minn.....
Crim Bros., Allentown, Pa.....
Crim, Duncan & Co., Bedford, Ind.....
Crim, Otis P., Anderson, Ind.....
Criswell, B. F., Mapleton, Ohio.....
Crocker, B. F., Hyannis, Mass.....
Crockett, A. L., Rockland, Me.....
Crombie, W., Ayer, Mass.....
Cromer, P., Faribault, Minn.....
Crook, C. E., Sydney, N. S.....
Crook, J. J., Lancaster, Ohio.....
Cropper, J. W., Ashleyfalls, Mass.....
Crosbie, Geo., Eastman's Springs, Ont.....
Cross, Addison, Brownwood, Tex.....
Cross Bros., Northfield, Vt.....
Crossby, Henry F., Harwick, Mass.....
Croton Lime Co., Ltd., Boston, Mass.....
Croton Q. Co., Croton on Hudson, N. Y..
Crouch, Levi, Baraboo, Wis.....
Crowl, Jos., Bowmansdale, Pa.....
Crowley, Dan, Houston, Tex.....
Crowley, Ed., Iowa City, Ia.....
Crowley, J. C., Duluth, Minn.....
Crowley, John, Sparta, Wis.....
Crowley & Quinn, W. Concord, N. H.....
Crown Granite Co., S. Thomaston, Me....
Crown Hill Granite Co., Vinalhaven, Me..
Crozier, A., Cleo, Kan.....
Crudup Stone Co., Langford, Ky.....
Crumb, A. G. & Sons, Niantic, R. I.....
Crump, Wm., Lakemills, Wis.....
Crutcher & Jones, Beaver City, Neb.....
Crystal Granite Co., Quincy, N. H.....
Crystal Springs Quarry Co., St. Louis, Mo.
Cuddihy, J. J., Boston, Mass.....
Cullen, John, Springfield, Mo.....
Culver, S. E., Pawlet, Vt.....
Cumbler, G. W., Steelton, Pa.....
Cumings, C. M., Graniteville, Mass.....
Cummings, Chas. E., Nashua, N. H.....
Cummings, J. B., Nashua, Ia.....
Cunningham Bros., Montreal, Que.....
Curley, John T., Baltimore, Md.....
Curran, J. J. & Bros., Brooklyn, N. Y....
Currie, Alexander, Conyers, Ga.....
Currier, L. P., Farmington Falls, Maine..
Curtis, A. M., E. Glastonbury, Conn.....
Curtis, H. I., Yankee Hill, Cal.....
Curtis, Theo., Concord, Ohio.....
Curtiss, C. E., Salem, Mass.....
Cusher, J., Davis City, Ia.....

QUARRIES—Continued.

Cushing, W. H., Calgary, N. W. T.
Cushman Stone Co., Freestone, Ky.
Custer, Jacob, Lima, Ohio.
Custer, W. B., Pt. Pleasant, Ohio.
Cutter, Jerome, Wendell, Mass.
Cutting, Erastus, Epping, N. H.
Dahlen, J. P., Pittsburg, Pa.
Dainly & Deem, New Paris, Ohio.
Dakota & Minn. Stone Co., Jasper, Minn.
Dalas Bros., Cobalt, Conn.
Dalby, John, Angus, Ia.
Dale Limestone Quarries, Dale, Ala.
Dale, S. F., Strickler, Ark.
Dale, Wm., Strickler, Ark.
Dallas, Alexander, Hartford, Conn.
Dallheattie Granite Works, Westerly, R. I.
Dalton Granite Co., Petersburg, Va.
Daly, J. P., Kansas City, Mo.
Daniel, John & Co., San Francisco, Cal.
Daniels, Thos., Huron, Ind.
Dankel, A., Alburtis, Pa.
Danserman, F. X., Holyoke, Mass.
Dark Hollow Oolitic S. Co., Bedford, Ind.
Dark Hollow Quarry Co., Bedford, Ind.
Dark Hollow Quarry Co., Louisville, Ky.
Darling Bros., Milford, Mass.
Darling, F. W. & Co., Boston, Mass.
Darmondy, M. G., Memphis, Tenn.
Daugherty & Co., Toledo, Ohio.
Daulin, W. B., Cobden, Ont.
Daulters, C. H., Littlestown, Pa.
Daunes, A. D., San Jose, Cal.
David, Wm. P. & Co., Bridgeport, Pa.
Davidson Marble Co., New York.
D'Avignon & Sayles, New London, Conn.
Davis, Andrew, Falmouth, Mass.
Davis, A. E., Mt. Vernon, Mo.
Davis, A. P., Calumet, Mass.
Davis, A. W., Cincinnati, Ohio.
Davis Bros., Lannon, Wis.
Davis Bros., Niantic, Conn.
Davis Bros., Northfield, Vt.
Davis, C. W. & G. W., Peabody, Mass.
Davis, D., Conesville, Ohio.
Davis, D. C. & Son, Chelsea, Mass.
Davis, E. F., Lima, Ohio.
Davis, E. W., Penngrove, Cal.
Davis, G., Exeter, Ont.
Davis, Ira T., Sandusky, Ohio.
Davis, Jas., Youngstown, Ohio.
Davis, Jennie, Huntington, Ind.
Davis, J. B., Effingham Falls, N. H.
Davis, J. J., Cisco, Tex.
Davis, J. P., Kerhonkson, N. Y.
Davis, J. R., Nanticoke, Pa.
Davis, Nelson, Ida, Mich.
Davis Quarry Co., Middlesboro, Ky.
Davis, R. D., Homewood, Pa.
Davis, Winter, Waterford, Conn.
Davis, W., San Francisco, Cal.
Davis, W. B., Edinburg, Ohio.
Davis, W. D., Osceola, Mo.
Davis & Cornell, Bonny Doon, Cal.
Davis & Danforth, Hardwick, Vt.
Davis & Phillips, Northfield, Vt.
Day Bros., Biddeford, Me.
Day Granite Co., San Francisco, Cal.
De Long, F. C., Est., Novato, Cal.
Deacon Bros., Quincy, Mass.
Dealbeach Bldg. & Sup.Co.,Dealbeach,N.J.
Deal, T. M., St. Albans, Vt.
Dean, J. W., Poultney, Vt.
Dean, S. & Bros., Brooklyn, N. Y.
Dearness, T., Bridgetown, N. S.
Debeque Mfg. Co., Debeque, Colo.
Decatur Stone & Lime Co., Decatur, Ind.
Declez Granite Co., Los Angeles, Cal.
Dee, E. J., Gallatin, Mo.
Deem, J. O., Twin, Ohio.
Deeter, Fred., Pleasant Hill, Ohio.
Degan, P., San Francisco, Cal.
Degan & Brady, Rocklin, Cal.
Degrandgagnage, P., Green Bay, Wis.
Delano, J., Rocklin, Cal.
Del. Valley B'stone Quarries, Passaic, N.J.
Dell, Lewis & Co., Quincy, Mass.
Dell Rapids Gran. Co., Dell Rapids, S. D.
Delphi Lime Co., Delphi, Ind.
Devanney, John, Pittsfield, Mass.
Deming, John, Gleneyre, Pa.
Dingle, Odgers & Co., Sunapee, N. H.
Denham, C., Jacksonville, Mo.
Dennis, P., Flatrock, Ohio.
Dennismere, C., Kingston, Ont.
Denniston, J. M., North Liberty, Pa.
Denny Clay Co., Seattle, Wash.
Dent & Sons, Credit Forks, Ont.
Denton & Co., New York.
Denver Marble Works, Denver, Colo.
Depriest, A. J., Jones Mills, Tenn.
Depp, Milton, Frostburgh, Pa.
Derble, J. N. & Co., Stonycreek, Conn.
Deshong, A. O. & J. O., Chester, Pa.
Deslauviers, A., Providence, R. I.
Desmond, J. F., W. Quincy, Mass.
Detrick & Cramer, Analomink, Pa.
Detroit & Hocking Valley Red Stone Co., Detroit, Mich.
Detroit & Hocking Valley Red & Brown Stone Co., Detroit, Mich.
Detroit & Marquette Brownstone Co., Detroit, Mich.
Detweller, Jos., Mt. Joy, Pa.
Devine, J. H., Sacramento, Cal.
Devoll, Ben, Perryopolis, Ohio.
Devor, Wm., Cook's Mills, Pa.
Dewar, Grandison Co., Memphis, Tenn.
Dexter Lumber Co., Norwood, Ohio.
Diamond Blue Gran. Co., Lexington, Ga.
Diamond Kyune & Castle S. Co., Salt Lake City, Utah.
Dicard, Eugene, Sault Au Recollet, Que.
Dicard, Wm., Sault Au Recollet, Que.
Dickey, J. A. & Co., Bristol, Tenn.
Dickson, Wm., Sewickley, Pa.
Dickson,Woodhull & Cramer,Stockton,Cal.
Diebold, John & Son, Louisville, Ky.
Diehl, J., Freeburg, Pa.
Diehl & Barnes, Ellsworth, Ohio.
Diehl & Folk, Ironton, Pa.
Diggins Bros., San Francisco, Cal.
Dillings, G. E., Lowell, Mass.
Dillon, E. & Co., Indianrock, Va.
Dillon, Wm., Canton, Mo.
Di Maria, P., New York.
Dimn, W., Pennsdale, Pa.
Dimond, J. H., New York.
Dineen, Michael, Oakland, Cal.
Dirgo, J., Monroe City, Mo.
Disher, C., Lewisburg, Ohio.
Dishman, F. E., New Albany, Ind.
Dixon Granite Works, Westerly, R. I.
Dixon, J., Metchosin, B. C.
Dixon, P. N., Kahoka, Mo.
Dodd, Clarence, Waterville, Ohio.
Dodge, C. A., Boston, Mass.
Dodlin Granite Co., Waterville, Me.
Dolan, J. T., New York.
Dolan, R., New York.
Dolen, J. H., Perth, Ont.
Dolese & Shepard, Chicago.
Dominion Lime Co., Sherbrooke, Que.
Dominion Marble Co., Sherbrooke, Que.
Donahoe, T., New York.
Donald, L. G., Millersburg, Ohio.
Donaldson, J. H., Entriken, Pa.
Donkelberg, E., Fulton, Mo.
Donnell, Wm., Kalida, Ohio.
Donovan, Dan., New York.
Donovan, Theo., Holton, Ind.
Donsback & Farle, Utica, N. Y.
Doran, Wm., & Son, New Bedford, Mass.
Dornblazer, W. H., Lamar, Pa.
Dorsch, H. G., Quincy, Cal.
Dosso, A. & Co., New York.
Dotherty, T. D., Bettsville, Ohio.
Doty, E. W., Stonington, Conn.
Dougherty, Daniel, Wilmington, Del.
Douglas Bros., Calais, Me.
Douglas Lava Co., Colo. Springs, Colo.
Douglas, W. G., Castle Craig, Va.
Douglas, W. S., Fountain, Ind.
Douglass & McLeod, West Quincy, Mass.
Dow, E. W., Quanah, Tex.
Downerd, J. & Son, Zanesville, Ohio.
Downie, S. W., Laramie, Wyo.
Downs, Jas. W., New York.
Downs & Dahl, Minneapolis, Minn.
Doyle, Michael, Faribault, Minn.
Doyle, T. M., Vallejo, Cal.
Doyle, Wm., Crawford, Ga.
Drake Granite & Petrified Wood Co., Sioux Falls, S. D.
Drake & Co., St. Paul, Minn.
Drake & Stratton Co., New York.
Drew, P. F., New Bedford, Mass.
Drew, Parkhurst & Co., Barre, Vt.
Drew, T. R. & Sons, S. Thomaston, Me.
Drexel Stone Co., Omaha, Neb.
Drinkwater, J. W., Kansas City, Mo.
Driscoll, Bradley & Co., Quincy, Mass.
Druchenbrod, I. B., Cairo, Ohio.
Dryfuse, H., Bloomville, Ohio.
Drysdale, A. J., Bridgewater, N. S.
Dubbia, Jas., Canaan, N. H.
Ducharm, F. A., Santa Rosa, Cal.
Duck Creek Stone Q'ry, Duck Creek, Wis.
Dudswell L. & M. Co., Lime Ridge, Que.
Duellman, Jos., Hamilton, Ohio.
Duff, John, Kingston, Ont.
Duffy, H. A. & Son, Barre, Vt.
Dugan, George, Kansas City, Mo.
Dugdale Stansfield Co., East Bluehill, Me.
Duggan, W., Benwood, W. Va.
Duguid, Bisset & Webster, Westerly, R. I.
Duke, W. K., Springfield, Ohio.
Duluth Brownstone Co., Duluth, Minn.
Dunbar Bros. & Chaphan, W.Sullivan,Me.
Dunbar Furnace Co., Cooks Mills, Pa.
Duncan, R. G., Mt. Pleasant, Pa.
Duncan & Bro., Washington C. H., Ohio.
Dunkleberger, John, Pleasant Gap, Pa.
Dunkley & Son, Lawrence, Kan.
Dunn Bros., Fitzwilliam, N. H.
Dunn, J. J., Berkeley, Cal.
Dunn, J. W., Vanport, Pa.
Dunn, T. J. E., New York.
Dunn, W. I., Philadelphia, Pa.
Dunne, Moore & Co., Bedford, Ind.
Dunne, R. H. & Co., San Jose, Cal.
Dunreath Quarry Co., Dunreath, Iowa.
Dunstane, T. H. & Co., Concord, N. H.
Dupont, Frank, Pendleton, Ore.
Dupre, D., Cote St. Louis, Que.
Durantayr & Rankin, East Longmeadow, Mass.
Duret & Miller, Peru, Ind.
Durfey, F. B., Norwich, Conn.
Durham, Z. T., La Plata, Mo.
Durkin & Co., Fall River, Mass.
Dutton, C. H., North Clemsford, Mass.
Dwyer, Daniel, Oakland, Cal.
Dyer, C. S., Providence, R. I.
Dyer, John, Chester Valley, Pa.
Earl, E., Montreal, Que.
Earnest & Imler, Waterside, Pa.
East, D. W. & Co., Birmingham, Ala.
East Clayton Mfg. Co., Nelsonville, Ohio.
East Sioux Falls Gr.Co.,E.Sioux Falls,S.D.
Eastbrook & Moore, Oketo, Kan.
Eastern Maine Granite Co., Jonesboro, Me.
Eaton, E. G., Rock Springs, Ala.
Eaton, Grant & Martin, Queens L'd'g, Me.
Eaton, Herman, Deer Isle, Me.
Eaton Stone Co., Eaton, Ohio.
Eaton, T. H. & Son, Deer Isle, Me.
Eaton, T. M., Queens Landing, Me.
Eckhart, Fred., Viroqua, Wis.
Eckert Bros., Jasper, Ind.
Eddy, N. B. & Co., Luckey, Ohio.
Edmunds, James, Pigeon Cove, Mass.
Edmunds, J. A., Gossville, N. H.
Edson & Calkins, Willimantic, Conn.
Egert, J., Lexington, Mo.
Egypt Brownstone Co., Egypt Depot, N. C.
Egyptian Marble Co., St. Genevieve, Mo.
Eifert, John, Grovania, Pa.
Elcock & Sons, Quincy, Mass.
Elder, D. M., Eldorado, Kan.
Elder, Wm. L., Dover, N. H.
Eldredge & Adams, Rockville, Conn.
Element, W. I., Hamilton, Ont.
Elliott Bros., Fairhaven, Ohio.
Elliott, J., Eaton, Ohio.
Elliott, J. A., Morning Sun, Ohio.
Elliott, S. L., Zanesville, Ohio.
Ellettsville Stone Co., Ellettsville, Ind.
Ellettsville & Stinesville Stone Co., Stinesville, Ind.
Elliott, R. L., Stillman, N. S.
Ellis, John, Lancaster, Wis.
Ellis, J., Lamar, Mo.
Ellis, N. F., Jamestown, Pa.
Elm Creek Brownst. Co.,Buffalo Gap,S.D.
Elsaesser, John, Fort Erie, Ont.
Elyria Stone Co., Elyria, Ohio.
Emerson, P. H., Etna, Wis.
Emery, Abraham, Zanesville, Ohio.
Emery, J., South Thomaston, Me.
Emig, W. H., Emigsville, Pa.
Emme, E., Wymps Gap, Pa.
Emmetts, John, Waterloo, N. Y.
Emmons, Chas., Tecumseh, Neb.
Emmons & Joseph, Pandora, Ohio.
Empire Granite Co., Philadelphia, Pa.
Empire Lime Co., Hannibal, Mo.
Empire Slate Mfg. Co., Bangor, Pa.
Empire Stone Co., Smithville, Ind.
Emporia Lumber Co., Emporia, Kan.
Engle, A. J., Ogontz, Pa.
English, Mark, Kewaunee, Wis.
English, R. W., Lumber Co., Salida, Colo.
English, Read & Wisdom, Moberly, Mo.
Ennons, Lawton & Co.,S.Norridgewock,Me.
Enos, C. H., Rockford, S. D.
Epps, Dodd & Co., St. George, N. B.
Erb, T. H., Lititz, Pa.
Ericks, A. J., Davenport, Iowa.

Erickson, Andrew, Quincy, Mass.....
Erickson, F., Stone City, Iowa.....
Ernst, J. M., Luana, Iowa.....
Ervin, D. S., Cedarville, Ohio.....
Erwin, E. A., Dell Rapids, S. D.....
Eschtruth, Frank, Elyria, Ohio.....
Etherington, Wm., Sidney, Ohio.....
Euclid Stone Co., Cleveland, Ohio.....
Eureka Limestone Co., Newpoint, Ind....
Eureka Sandstone Co., Tenino, Wash.....
Eureka White Lime Co., Kansas, Ohio..
Evans Bros., Petaluma, Cal.....
Evans, E. H., Raglesville, Ind.....
Evans, Jno., Marion, Ohio.....
Evans Marble Co., Baltimore, Md.....
Evans, W. H. & Son, Baltimore, Md.....
Evans & Co., Worcester, Mass.....
Evans, R. E. M. & Co., Port Kennedy, Pa.
Evans & Darling Bros., Fitzwilliam Depot, N. H. .....
Evans & Middleton, Riverside, Cal.....
Evans & Million Bros., Cleveland, Tenn..
Ewart, E. P., Topeka, Kan.....
Ewing, W. H., Newton Hamilton, Pa....
Ewing, W. P., Pt. Deposit, Md.....
Excelsior Brown Stone Co., Ashland, Wis.
Excelsior Redstone Co., Detroit, Mich....
Excelsior Stone Co., Chicago, Ill.....
Eyerman Bros., St. Louis, Mo.....
Face, D. L., Covington, Ohio.....
Fagan, M. J., Cape Girardeau, Mo.....
Fahey, M., New Haven, Conn.....
Fair Haven M. & Sl. Co., Fair Haven, Vt.
Fairall, Willard, Perryton, Ohio.....
Fairbanks, A. F., Whitman, Mass.....
Fairbanks, J. G., Marion, Ohio.....
Fairchance Furnace Co., Fairchance, Pa..
Fairfax Soapstone Co., Alexandria, Va....
Fairlee Granite Works, Fairlee, Vt.....
Fairmount Farm Co., Woonsocket, R. I..
Falconer, Geo., Milford, N. H.....
Falkner, Levi, Covington, Ohio.....
Fall River Granite Co., Fall River, Mass.
Fallon, John, & Sons, Quincy, Mass.....
Falt, J. P. & Co., Springfield, Mass.....
Fancher, Edw., Hulburton, N. Y.....
Fancher, J. M., Furnace, Ala.....
Fanshaw, Aaron, Fox Lake, Wis.....
Farbox, Jos., East Greenwich, R. I.....
Fargo Tile Walk Co., Palco, Kan.....
Farley Bros., Lilly, Ohio.....
Farley, Ed., Columbia, Mo.....
Farmer, W. M., Warrensburg, Mo.....
Farnam, A. S. & Bro., Cheshire, Mass...
Farnwood Stone Co., Scotch Plains, N. J..
Farrel, Jas., Covington, Ky.....
Farrell, M., Bridgeport, Conn.....
Farrell, M. H., Indianapolis, Ind.....
Farrell, M. & T., West Chester, Pa.....
Farrell, Thos., Hastings, Neb.....
Farrell, Thos., Quincy, Mass.....
Farvican, M., Faribault, Minn.....
Farwell Stone Co., Niles, Cal.....
Fauver, Samuel, Dayton, Ohio.....
Favorite Marble Co., New York.....
Fay, John, Pittsburg, Pa.....
Feeney & Devanny, New York.....
Fegan & Ballow, Quincy, Mass.....
Fehl Bros., Dillsburg, Pa.....
Feldhaus, Edw., Snelling, Cal.....
Fellows, Milo, Bristol, N. H.....
Felton, Robt., Neenah, Wis.....
Fenby, Wm., Avondale, Md.....
Fenner, Richard, Cranston, R. I.....
Ferguson, W. H., Steelville, Mo.....
Ferguson & Carpenter, S. L. City, Utah..
Fernald, C. N. & Son, Temecula Sta., Cal.
Fernald, E. H., Camden, Me.....
Fetter & Sons, Lima, Ohio.....
Field, Chas. M., Glendale, Ohio.....
Field & Wild, Quincy, Mass.....
Fields, J. E., Milford, N. H.....
Fincastle S. & Marble Co., Fincastle, Va..
Fink, Jos., Stetlersville, Pa.....
Fink, K. J., Hymer, Kan.....
Finkle, H., Albany, N. Y.....
Finlayson, W. G., Lithonia, Ga.....
Finley, J. K., Llano, Tex.....
Finnegan, Wm., Ft. Howard, Wis.....
Finney, J. D., Juneau, Wis.....
Finolithic Stone Co., Brooklyn, N. Y....
Fish Bros., New Brighton, Pa.....
Fish, Chas., Newcastle, N. B.....
Fish, L. L., Falmouth, Mass.....
Fish, W. W., Jonesboro, Me.....
Fishel, Sylvester, Idaville, Pa.....
Fisher, Aaron, Delphos, Ohio.....
Fisher, Alex., Burnet, Tex.....
Fisher, A. T., Pueblo, Colo.....
Fisher, C. A., Fulton, Mo.....
Fisher, D. L. & Son, Bloomville, Ohio.....
Fisher, E. C., Orondo, Wash.....
Fisher, J. D. A., Salisbury, N. C.....
Fisher, J. E., Fitzwilliam, N. H.....
Fisher Lime Stone Co., Eaton, Ohio.....
Fisher, P., Leinbachs, Pa.....
Fisher, R., Middle Stewiacke, N. S.....
Fisher, W. S., Yarmouth, Mass.....
Fisher & Son, Perkiomenville, Pa.....
Fisk, N. W., Isle La Motte, Vt.....
Fiske, Homes & Co., Boston, Mass.....
Fitch, J., New York.....
Fitcher, C. F., New York.....
Fitts Land & Power Co., Worcester, Mass.
Fitz & Mooney, West Quincy, Mass.....
Fitzgerald, M., Manchester, N. H.....
Fitzgerald Plaster Co., Allegheny, Pa....
Fitzgerald, W. H., Rockland, Mass.....
Fitzgerald & McDonald, W. Quincy, Mass.
Fitzgibon, Thos., Beverly, Mass.....
Fitzpatrick & Fitzgerald, Brooklyn, N. Y.
Fitzpatrick & Son, Chillicothe, Mo.....
Flag River B. Stone Co., Duluth, Minn..
Flagen, M., Buffalo, N. Y.....
Flagg, A. W., Est., Mg. & Inv. Co., Martinsburg, W. Va.....
Flaharty, J. W., Gettysburg, Pa.....
Flamer, John H., Wilmington, Del.....
Flanagan & Kiefer, Lannon, Wis.....
Flanigan, Daniel, Waterloo, Iowa.....
Fleetham, John, & Son, Minneapolis, Minn.
Fleischer, Chas., North Redwood, Minn..
Fleischman, J. G., Topeka, Kan.....
Fleming, A. F., Athol Centre, Mass.....
Fleming, G. S., Catlin, Ill.....
Fleming, L., Pomona, Cal.....
Fleming, Milton, Pepin, Wis.....
Fletcher, C. B., Covington, Ohio.....
Fletcher, H. E. & Co., Westford, Mass...
Fletcher, Samuel, Graniteville, Mass.....
Fletcher & Barrett Con. Co., St. Louis, Mo.
Fletcher Granite Co., St. Albans, Vt.....
Fletcher & Palmer, Niantic, R. I.....
Fleury, E. S., Isle La Motte, Vt.....
Flickner, H., Sunbury, Ohio.....
Flint Glass S. & Stone Co., Monclova, O..
Flint Spring Mg. Co., New London, N. C.
Flood, J. H., West Concord, N. H.....
Flownerfelt, A. B., Califon, N. J.....
Floyd, John, Honey Grove, Tex.....
Flynn, G. H., New York.....
Flynn, John, Salisbury, Conn.....
Flynn Quarry, Hillsdale, Cal.....
Flynt, Wm. N., Gran. Co., Monson, Mass.
Foery & Kastner, Rochester, N. Y.....
Foley, P., New York.....
Follansby, S. M., Fitzwilliam, N. H.....
Follette, V. E. & J. E., Wysox, Pa.....
Fong, John H., St. Louis, Mo.....
Fontana, S., Barre, Vt.....
Forbes, T. J., Marionville, Mo.....
Force, J. N., Wheaton, Kan.....
Ford, Albert H., Hulburton, N. Y.....
Ford, Austin, Cambridgeport, Mass.....
Ford, E. J., Scotts Crossing, Ohio.....
Ford, J. C., Delphos, Ohio.....
Ford, W. A., Lynchburg, Va.....
Fordham & Cole, Chico, Cal.....
Forest City Stone Co., Cleveland, Ohio...
Forest Grove Stone Co., Forest Grove, Ore.
Forrester, W. A., Reynoldsburg, Ohio....
Forsaith, J. L. & Co., Sharpsburg, Pa....
Forster, John, William Penn, Pa.....
Forsyth, R., Bleury, Que.....
Forsyth, R., Clayton, N. Y.....
Forsyth & Ingram, Barre, Vt. .....
Fort Madison & Appanoose Stone Co., Fort Madison, Iowa .....
Ft. Worth Lime Co., Ft. Worth, Tex...
Fortin, V. L., Oakdale, Cal.....
Fosdick, F., Ableman, Wis.....
Fossett, Jacob, Moscow, Ohio.....
Foster, H. A., Hammond, N. Y.....
Foster, Jas., Cincinnati, Ohio.....
Fostoria Stone & Lime Co., Fostoria, O...
Fourche Mtn. Gran. Co., Little Rock, Ark.
Fouts, Peter, Camden, Ohio.....
Fowler, Samuel, Northbridge, Mass.....
Fowler, Samuel, Jr.; Northbridge, Mass..
Fowler & McVittie, Galveston, Tex.....
Fowler & Ray, Mankato, Minn.....
Fox, G. A., Pelham, N. H.....
Fox, Hy., Baltimore, Md.....
Fox Hill Granite Co., Warwick, Pa.....
Fox, I., Farrans Point, Ont.....
Fox, T., Hennigar, N. S.....
Fox, Thos., West Concord, N. H.....
Fox's Lime Stone Co., Racine, Wis.....
Fraley, J. B., Socorro, N. Mex.....
Frame & Stevens, Kenton, Ohio.....
France, E. H. & Sons, Bloomville, Ohio..
Francestown Soapst. Co., Francestown, N.H.
Frank Bros., Berlin, Ont.....
Frankland Mar. & G. W'ks, Salem, Mass.
Franklin, W. J., Weatherford, Tex.....
Franks, A., Orangeville, Ont.....
Frantz, W. W. & S. R., Waynesboro, Pa.
Fraser, Jno. A., West Concord, N. H....
Fraser, J. L., Arnprior, Ont.....
Fraser, J. M. & Son, Barre, Vt.....
Fraser, Wm. C., West Concord, N. H....
Frawley, John, Erving, Mass.....
Frazier, J. W., Wilmington, Ohio.....
Frederick & Field, Quincy, Mass.....
Frederick & Hale, Fitchburg, Mass.....
Freedley, J. K. & Sons, Philadelphia, Pa..
Freeman, E. D., Yarmouth, Me.....
Freeman, F. & Co., Amherst, N. S.....
Freeman, F. P., Pretty Marsh, Me .....
Freeman, H. C. & J. S. B., Covington, Ga.
Freeman, W. H., Gouverneur, N. Y.....
Freeport Granite Co., Boston, Mass.....
Freeport Gran. & Marb. Wks., Freeport, Me.
Freeto, P. H., Lebanon, N. H.....
Frein, Wm. J., St. Louis, Mo.....
French Bros., Rocky Point, N. C.....
French, D. M., Newburyport, Mass.....
French Fort Quarries, Newcastle, N. B..
French, F. R., Bedford., N. H.....
French, John, Pawtucket, R. I.....
Fresno Mar. & Gran. Wks., Fresno, Cal..
Frey, G. H., Springfield, Ohio.....
Frey, S. L. & A. B., Palatine Bridge, N. Y.
Freyer, A., Hosensack, Pa.....
Frick, W. R., San Diego, Cal.....
Friedman, O., Buffalo, N. Y.....
Friedman & Wilson, Duluth, Minn.....
Fritsch, E., New York.....
Fritz, Andrew, Girard Manor, Pa.....
Fritz, J., Greshville, Pa.....
Fromm, J. A., Hamilton, Ohio.....
Frost, C. W., Santa Rosa, Cal.....
Frost, Samuel, Santa Barbara, Cal.....
Fry Bros., Greenville, Pa.....
Fugate, Crockett & Smith, Unionville, Mo.
Fuller, A. T., Augusta, Me.....
Fuller, Foley & Co., West Quincy, Mass.
Fuller, Lucius, Mansfield, Conn.....
Fuller, Wm., & Sons, Albany, N. Y.....
Fuller & Maslen, Pittsfield, Mass.....
Fullerton & Hawley, Manchester Depot, Vt.
Fultz, T., Merrillon, Wis.....
Funk, James, Duncanville, Pa.....
Furniss & Son, Hamilton, Ont.....
Gadsby Bros., St. Catharines, Ont.....
Gagnon, O., Ste. Anne de Plumes, Que...
Gainesville Marble Wks., Gainesville, Ga.
Galbraith, S., Rugby, Ind.....
Galbreath & Bushman, Point Pleasant, O.
Gale, G.W., Lumb.Co., Cambridgeport, Mass.
Gale, J. W. & M. H., Cleveland, Ohio.....
Gallagher & Watson, West Quincy, Mass..
Gallagher, Ab., Philadelphia, Pa.....
Gallagher, Chas., Philadelphia, Pa.....
Gallagher, P., Sea View, Cal.....
Gallagher, W. C., Philadelphia, Pa.....
Gallino & Pellarin, New York.....
Galloway, J. K., Silverton, Ohio.....
Galvin Granite Co., Quincy, Mass.....
Gannon, M. G., Concord, N. H.....
Garbe, H., Alden, Iowa.....
Gardiner, G. W., Enfield, Mass.....
Gardner, H. T., Machias, Me.....
Gardner, L. M., Gouverneur, N. Y.....
Gardner Pulp Co., Fowler, N. Y.....
Gardner, W. H., York Springs Pa.....
Garland, T. E., Augusta, Me.....
Garret, Wm., Bismarck, Mo.....
Garrett, W. W.; Homer, Ind.....
Garrity, P., West Quincy, Mass.....
Garvey Bros., Providence, R. I.....
Garvey Bros., Sterling, Conn.....
Garvey, P., Bridgeport, Conn.....
Garvin, Alex., Limehouse, Ont.....
Gass, John, Landingville, Pa.....
Gate City Stone & Filter Co., New York..
Gates, E. H., Pittsford, Vt.....
Gates, J. K. & Bros., Fairchance, Pa.....
Gates, S. L., Barre, Vt.....
Gatscheme, J., Josephburgh, Ont.....
Gatt, J., Newcastle, Cal.....
Gatt & Gatt, Penryn, Cal.....
Gattron Bros., Fremont, Ohio.....
Gault, M. & Sons, Baltimore, Md.....
Gauthier, Henri, Montreal, Que.....
Gay Bros., West Concord, N. H.....
Gazeley, Jas., Albany, N. Y.....
Geddes & Seerie, Denver, Colo.....
Geetz, Wm., St. Louis, Mo.....
Gefferds, J. G., Worcester, Mass.....
Gehling, H., Galmar, Iowa.....
Geiger, A. M., Leavenworth, Kan.....
Geiger, C., Marblehead, Wis.....

QUARRIES—Continued.

Geiger & McCowan, Reading, Pa.....
Gem Marble Co., Concord, Tenn.....
Gem Marble Co., San Diego, Cal.....
Gem Granite Co., Bennington, Vt.....
Gencer, I., Sattes, W. Va.....
Gendalfo, J., New York.....
Genoa & Rocky Ridge Lime Co., Toledo, O.
George, W., Pt. Elgin, Ont.....
George, W. S., Barre, Vt.....
George & Longmaid, Dover, N. H.....
Georgia Granite Works, Crawford, Ga..
Georgia Marble Co., Tate, Ga.....
Georgia Quincy Granite Co., Sparta, Ga..
Georgia & Florida Inv. Co., New York...
Gerber & Fox, Pottstown, Pa.....
Gerding, F. F., Groesbeck, Tex.....
Gerhardt & Stacker, Neenah, Wis.....
Gervais, C. A., Montreal, Que.....
Gesnichelt, E., Daubeeville, Pa.....
Getchell, L. B., Machias, Me.....
Gibbs, F. P., Orange, Mass.....
Gibbs, Wm. M., Gordon, Tex.....
Gibrault, A., St. Isidore Jct., Que.....
Gibson, L. N., Bushong, Kan.....
Gibson, O. F., Oneco, Conn.....
Gibson, Reid, Cayuga, Ont.....
Gibson Stone Quarry, Beamsville, Ont...
Gibson, Wm., Beamsville, Ont.....
Gietky Stone Co., Liberal, Mo.....
Gifford, J. M., Cayuga, Ont.....
Giggy, G. W., Boulder, Colo.....
Gilbert, M., Stoughton, Mass.....
Gilbreath, S. T., Fallsburg, Ohio.....
Giles, C. A., West Concord, N. H.....
Gilfillan Flagstone Co., Ft. Scott, Kan..
Gilfillan, R. S., Gilfillan, Kan.....
Gill, James, Sheffield, Mass.....
Gill & Johnson, Baltimore, Md.....
Gillen Stone Co., Racine, Wis.....
Gillenworter, P. E., Barboursville, Ky...
Gillette, O. E., Winsted, Conn.....
Gillies, Jas. & Son, Long Island City, N. Y.
Gillings, P. C., New York.....
Gillman, Ambrose, Shelburne Falls, Mass.
Gilmer, R., Bros., Point Pleasant, Pa.....
Gilmore Stone Co., Gilmore, Iowa.....
Glass, H. H., Freeburg, Pa.....
Glastonbury Q. Co., E. Glastonbury, Conn.
Gleason & Saffran, Louisville, Ky.....
Glencoe Granite Co., Quincy, Mass.....
Glendale Quarry Co., St. Louis, Mo.....
Glessner, W. J., Boone, Pa.....
Glidden, J. P., Waldoboro, Me.....
Globe Cement & Lime Co., Wheeling, W. Va.
Globe Stone Co., Joliet, Ill.....
Glover, Eugene, Jersey Mills, Pa.....
Glover, James R., Jersey Mills, Pa.....
Glynn, M. A., East Longmeadow, Mass...
Godbear, Henry, Fitchburg, Mass.....
Goddard, C. A., South Stakely, Que.....
Goddard, C. L., Athol, Mass.....
Goddard & Co., Indianapolis, Ind.....
Godfrey, F. & Co., Grand Rapids, Mich..
Godfrey, T.S., Marble Co., Knoxville, Tenn.
Godfreys, R. B., Bennington, Vt.....
Goebel, W., Brooklyn, N Y.....
Gold Hill Quarries, Stone City, Iowa.....
Golden Stone Co., Santa Anna, Tex.....
Golding, Wm., French Village, N. B.....
Goldsboro, Robt., Fairchance, Pa.....
Goldsburg & Hunter, Barre, Vt.....
Goldsmith, D. M., Sedan, Kan.....
Goldthorpe, W., Long Island City, N. Y..
Gonnon, J. H., Oakland, R. I.....
Good, Guffy & Boyd, Wall, Pa.....
Good, Nelson H., Hamilton, Ohio.....
Good, J. T. & Co., Midvale, Pa.....
Goodall Bros., Stone Co., Muskegon, Mich.
Goodel, S. L. & Co., Brandon, Vt.....
Goodell, J. W., Burlington, Vt.....
Goodhue, W. B., West Gloucester, Mass..
Goodman, Geo., Jones Mills, Tenn.....
Goodman, J., Llano, Tex.....
Goodrich & Clark Stone Co., Albion, N. Y.
Goodsell, E. R., Isle La Motte, Vt.....
Goodwin, C. H. & A., Biddeford, Me.....
Goodwin & Kelly, Quincy, Cal.....
Goodyear & Saddlemound, La Crosse, Wis.
Gordon, B. B., Biddeford, Me.....
Gordon, J. F., Wayne, Me.....
Gordon, J. P., Franklin, Me.....
Gordon, J. W., Barre, Vt.....
Gordon & Michael, Biddeford, Me.....
Gorman Bros., South Manchester, Conn..
Goss, John L., Deer Isle, Me.....
Gould & Towle, Dutch Flat, Cal.....
Goutz, Wm., Manheim, Pa.....
Gouverneur Marble Co., Gouverneur, N. Y.
Graber, L. K., Plymouth Meeting, Pa.....
Grace, W., New York.....
Graft, Jos., Cincinnati, Ohio.....
Grafton Dolomite Stone Co., Alton, Ill..
Grafton Dolomite Stone Co., St. Louis, Mo.
Grafton Quarry Co., St. Louis, Mo.....
Grafton Stone Co., Philadelphia, Pa.....
Grafton Stone Quarry, Grafton, Ohio.....
Gragg, I. S., Warsaw, Mo.....
Graham, David, Inglewood, Ont.....
Granitic Sidewalk & V. P. Co., New York.
Granby-Brown Co., Cleveland, Ohio.....
Granby Brown Stone Co., Oswego, N. Y..
Grand Central Slate Quarry, Bangor, Pa..
Grand Rapids Stone Co., New York.....
Grand River Quarries, Grand Rapids, Mich.
Granite Falls Stone Quarry, Granite Falls, Minn. .....
Granite Mtn. Co., St. Louis, Mo.....
Granite Ry. Co., Boston, Mass.....
Grant, Peter, Troy, N. Y.....
Grant Quarry Co., St. Louis, Mo.....
Grant, W. D., New York.....
Grant & Celleyham, Dunnville, Wis.....
Grant & Gordon, Battleboro, N. C.....
Gratiot Brick & Quarry Co., St. Louis, Mo.
Gray Bros., San Francisco, Cal.....
Gray, Chas. N., Exeter, N. H.....
Gray, Jos., Barrington, N. H.....
Gray, Wm., & Sons, Philadelphia, Pa....
Graybill, P., Coopersburg, Pa.....
Graysville Mg. & Mfg. Co., Graysville, Ga.
Great Falls Quarry Co., Great Falls, Mont.
Greeger, W. H., Bascom, Ohio.....
Green, E., Islington, Ont.....
Green, Geo. & Co., South Thomaston, Me.
Green, J. H., Louisville, Neb.....
Green, John A., Stone City, Iowa.....
Green Lake Granite Co., Chicago, Ill.....
Green, Marquis & Johnston, E. Moravia, Pa.
Green Mtn. Granite Co., Barre, Vt.....
Green Mt. Quarry, Golden, Colo.....
Green Serpentine M. Co., Wilmington, Del.
Greenburg, M. & Co., San Luis Obispo, Cal.
Greene, G. W., Woonsocket, R. I.....
Greensburg Limest. Co., Greensburg, Ind.
Greenwalt, Davis & Co., Wytheville, Va..
Greenwood & McGuire, Kingston, Ont....
Gregg, Milford H., Philadelphia, Pa.....
Gregory, W. S., Larned, Kan.....
Greisemer, Ezra, Yellowhouse, Pa.....
Griesemer, G. W. & Bro., Steinsville, Pa..
Griffin, A. J., Bonaqua, Tenn.....
Griffin & Keltie, Halifax, N. S.....
Griffith, D., Penryn, Cal.....
Griffith & Co., Carthage, Mo. .....
Griffith & Owens, Exeter, Cal.....
Griggs, H. K., Westbrook, Me.....
Grimes & Co., Lincoln, Cal.....
Grimme Brownst. & Imp. Co., Carthage, N.C.
Grimoll, L., Davenport, Iowa.....
Grimsby Quarry Co., Grimsby, Ont.....
Grindell, J. W., Sargentville, Me.....
Grinnell, A. M., Rocklin, Cal.....
Grinton & Vose, Joliet, Ill.....
Grismore, Hy., Pandora, Ohio.....
Groat, E., San Luis Obispo, Cal.....
Groff, J., Rudy, Pa.....
Gront, Chas., Royalston, Mass.....
Groos, P., Wells, Mich.....
Groose, Guy E., Santa Rosa, Cal.....
Gross Bros., Lee, Mass.....
Gross, E. B., Buck Creek, Ga.....
Gross, Wm., Oakland, Cal.....
Grossman, G. J., Meriden, Conn.....
Grovenor, G. & Son, Lawrence, Kan.....
Grover, T. M., Norwood, Ont.....
Grower, L., Cincinnati, Ohio.....
Guertin, M., La Carriere, Que.....
Guess, H. P. & Co., Stone Mtn., Ga.....
Guffey, A. J., Milton, Pa.....
Guilbault, G., St. Paul d'Industrie, Que..
Guidet, Chas., Lanesville, Mass.....
Guilford & Walterville Gr. Co., Balt., Md.
Gumb, Lewis D., Lowell, Mass.....
Gumming, J.H., Stone Co., New Orleans, La.
Gungrich, Cyrus, Swatara Station, Pa....
Gungrich, S. M., Swatara Station, Pa....
Gunning, J.H., Stone Co., New Orleans, La.
Gusman & Cline, Markle, Ind.....
Gustafson, H., St. Cloud, Minn.....
Guvyrns Falls Quarries, Baltimore, Md...
Guyer, R. H., Riverside, Ind.....
Gwynn, Chas., Hulburton, N. Y.....
Habbeler, C., Woodville, Ohio.....
Haddam Gr. Quarry Co., Middletown, Conn.
Haddington Island St. Qy. Co., Victoria, B.C.
Hadfield & Co., Waukesha, Wis.....
Hagan, F. A., Green Bay, Wis.....
Hagloch Bros., Mound City, Mo.....
Hagy, G. & Bro., Plymouth Meeting, Pa.
Halberson, L., Independence, Ohio.....
Haldeman Stone Co., Cleveland, Ohio....
Halderman, L., Wabash, Ind.....
Hale, F. A., Fitchburg, Mass.....
Hall, C. J., Belfast, Me.....
Hall & Emerson, Dover, N. H.....
Halloran & Lodge, New York.....
Hallowell Central Gr. Co., Hallowell, Me.
Hallowell Granite Works, Hallowell, Me.
Hallowell, J. L., Bethayers, Pa.....
Hallowell Stone Co., Bedford, Ind.....
Hally, I., La Carriere, Que.....
Ham, J. S., Covington, Va.....
Hamden Furnace Co., Hamden Junct'n, O.
Hamilton, J., Nanticoke, Pa.....
Hamilton Lime & St. Co., Hamilton, Wis.
Hamilton & Dailey, Brookfield, Ohio.....
Hamilton & Phelps, Kaukauna, Wis.....
Hamlin, Chas., Pine Island, Minn.....
Hamline, H. C., Rangely, Colo.....
Hammell, Geo., Welden, Pa.....
Hammill Fire Escape Co., Chicago, Ill....
Hammond, C. A., Marion, Mass.....
Hammond, L. H., Hanson, Mass.....
Hancock, Wm., Hamilton, Ont.....
Handley & Yarnell, California, Mo.....
Hanger, F., Little Rock, Ark.....
Hankins, Mosby & Co., Richmond, Va...
Hanna, John, New Britain, Conn.....
Hanna & Newman, West Sullivan, Me.....
Hannibal Lime Co., Hannibal, Mo.....
Hannigan, Jno., West Concord, N. H...
Hanning, Peter, Echo Place, Ont.....
Hans, T. W., Pittsburg, Pa.....
Hansen, Fred., Brockton, Mass.....
Hanul, Geo., Weldon, Pa.....
Happen, John, Salt Lake City, Utah.....
Harburger, J. H., Weatherford, Tex.....
Hardin, R. P., Stanberry, Mo.....
Harding, Wm. & Co., Pen Argyl, Pa.....
Hardwens, J. & Son, New York.....
Hardwick, C. H. & Co., Quincy, Mass...
Hardwick, F. & Son, Quincy, Mass.....
Hardwick Granite Co., Hardwick, Vt....
Hardy, David, Maxville, Ohio.....
Hardy, P. E., Durand, Wis.....
Harke, Hy., Buffalo, N. Y.....
Harlan Quarry & Cons. Co., Gratiot, Mo..
Harland, Arden, Culbertson, Neb.....
Harley Bros. & Co., Delphi, Ind.....
Harman, Peter, Rockbridge, Ohio.....
Harmidas, L., Sault au Recollet, Que....
Harmon Bros., Grayford, Ind.....
Harmon, H. & Sons, Lannon, Wis.....
Harmon, J. B., Gilboa, Ohio.....
Harnden, T. C., Kyserike, N. Y.....
Harpster, Wm., Blue Springs, Neb.....
Harrah, W. S., Casselman, Pa.....
Harrington, C., Warren, R. I.....
Harrington, E. E., Beloit, Kan.....
Harrington, J. & Son, Cambridgeport, Mass.
Harrington, Otis, Lexington, Mass.....
Harris, D. C., North Acton, Mass.....
Harris, R. W., Centerdale, R. I.....
Harris & Son, Winfield, Kan.....
Harrison, Anthony, West Concord, N. H..
Harrison, H. B., Owen Sound, Ont.....
Harrison, Jas. P., Atlanta, Ga.....
Harrison, Wm., Helena, Mont.....
Harry Bros., Alma, Wis.....
Hart, H. L., Louisiana, Mo.....
Hart & Godfrey, Knoxville, Tenn.....
Hartley Bros., Houghton, Wis.....
Hartley, W. J., Milton, Ont.....
Hartlieber Bros., Lebanon, Pa.....
Hartman, Geo. C., Lienbachs, Pa.....
Hartman, Joseph, & Son, New Galilee, Pa.
Hartman, Lewis, & Co., Columbia, Pa.....
Hartnoll, I., Mason, N. H.....
Hartshorn, Stewart, Short Hills, N. J...
Hartwell & Marshall, Chicago, Ill.....
Hartwell & Reed, Fitchburg, Mass.....
Harvey, H. H., Boston, Mass.....
Harvey, J. W., Concord, Tenn.....
Harvey, Warren, Manchester, N. H.....
Harwick, A. F., Upper Black Eddy, Pa..
Haselton, B. A., Auburn, N. H.....
Haselton & Moir, Stanstead, Que.....
Haskins, N., Jasper, Ind.....
Haslam, W. H., Nashville, Tenn.....
Hastings Cut St. Co., Minneapolis, Minn.
Hastler Bros., Mineral City, Ind.....
Hatch, W. D., Hiawatha, Kan.....
Hathaway, A. B., Freetown, Mass.....
Hathaway, Putnam & Timplepaugh, Ararat, Pa. .....
Havens, Geo. W., Newark, Ohio.....
Hawkins Co. Mar. Co., Rogersville, Tenn.
Hawkins, F., Montreal, Que.....
Hawkins, H. C., Fall River, Mass.....
Hawkins, Martin, Medford, Mass.....
Hawks Bros., Portland, Me.....

Hay, J. M., Elk Lick, Pa.....
Hayden Bros., Milford, N. H.....
Hayden, D. I. & Co., Fitzwilliam, N. H..
Hayden, Jno., Carbondale, Ill.....
Hayen, Elias, Little River, Kan.....
Hayes Bros., Vincent, Ohio.....
Hayes, D. & Son, Quincy, Mass.....
Hayes, Mary T., Agua Caliente, Cal.....
Hays, J. W., Joliet, Ill.....
Hayter Bros., Rogersville, Tenn.....
Hazlett, G. A., Sharon Hill, Pa.....
Healy, M. J., San Francisco, Cal.....
Heartley Stone Co., Huntington, Ark...
Heath, J. A. S., Philadelphia, Pa.....
Heath, O. P. & Co., Macon, Ga.....
Hebener, L. M., Fredericktown, Mo.....
Hebner, Geo., Jr., Hulburton, N. Y.....
Hebner, John, Hulburton, N. Y.....
Hefley, Chas., Rangely, Colo.....
Hehnly & Wike, Durlach, Pa.....
Heinlein & Rexer, Brooklyn, N. Y.....
Held, A. W. & Son, Fogelsville, Pa.....
Helen Bess Mg. & Q. Co., Birmingham, Ala.
Helker Bros., Platteville, Wis.....
Heller, H. D., Hellertown, Pa.....
Helmers, C. C., St. Louis, Mo.....
Helms, E. P., Lockwood, Mo.....
Helsing & Palmer, Marietta, Ga.....
Helton, John, Jr., East Douglass, Mass..
Heman Cons. Co., St. Louis, Mo.....
Hendershott, W. M., Thorold, Ont.....
Henderson, A., Nanaimo, B. C.....
Henderson Marble Co., Bridgeport, Pa..
Henderson, Thos., Renfrew, Ont.....
Henderson & Durkee, Barre, Vt.....
Henderson & Tomlinson, Chagrin Falls, O.
Hendricks, W. H., Reading, Pa.....
Henley Stone Co., Bloomington, Ind.....
Henman, M., Rocky Ridge, Ohio.....
Henneberry Bros. & Co., Concord, N. H...
Hennessey Bros. & Co., St. Paul, Minn....
Hennon, J. H. & Co., Irish Ripple, Pa...
Henricks, Daniel, Maxville, Ohio.....
Henry, C. D., Bonfield, Ill.....
Henry, John, Charlottetown, P. E. I.....
Henry, W. R., Cedar Falls, Ia.....
Henze, Henry, Cape Girardeau, Mo.....
Heppenheimer, E. I., Marble Falls, Tex..
Herckes, Henry, Williamsport, Ind.....
Herdman, M., W. Union, Ohio.....
Hermon, J. H. & Co., Irish Ripple, Pa....
Herndon Stone Co., Herndon, Va.....
Herr, And., Refton, Pa.....
Herring, Peter, Sparta, Wis.....
Hershey, C. L., Hummelstown, Pa.....
Hershey, I., Findlay, Ohio.....
Hershey, J. B., Gettysburg, Ohio.....
Hertiz, M., San Andreas, Cal.....
Hertsill, W. B. W., Greenwood, Ark.....
Hertzler, H. M., Morgantown, Pa.....
Herzog, Jno., Tiffin, Ohio.....
Heskinge, Jas. R., Concord, N. H.....
Hess, J. M., Rowzersville, Pa.....
Hesselton, Chas., Wilton, N. H.....
Heuss, John, W. Quincy, Mass.....
Hewitt Bros., Amsterdam, N. Y.....
Hewitt, D., W. Berlin, Vt.....
Hibberd, Jesse, Lima, Pa.....
Hicks, E. & Co., North Vernon, Ind.....
Hicks, Hiram, Baker's Landing, Pa.....
Hicks, J. R., Barboursville, Ky.....
Hicks & Holmes, N. Vernon, Ind.....
Higgins, C. H., Hinsdale, N. H.....
Higgins, Peter, Bainbridge, Ohio.....
Higgins & Graham, Mt. Desert, Me.....
Highland Stone Co., Norwood, Ohio.....
Hightoner, J. R., Monticello, Ga.....
Hilbish, S. G., Freeburg, Pa.....
Hilder, G. J., St. Cloud, Minn.....
Hiligers, W., New York.....
Hill, S. D., Port Chester, N. Y.....
Hill, Thos., Baltimore, Md.....
Hill & O'Meara Cons. Co., St. Louis, Mo..
Hill, Parry & Co., Minneapolis, Minn.....
Hill Bros., Hamilton, Ont.....
Hillburn Granite Co., Suffern, N. Y.....
Hillebrital, W. M., Hendricks, Pa.....
Hillegass, E. F., Point Pleasant, Pa.....
Hilliary, O. B., Hanover, Ohio.....
Hilliers, R., Sons & Co., New York.....
Hills, W., Joliet, Ill.....
Hilton, C. E., Worcester, Mass.....
Hilts, P., Barrie, Ont.....
Hinamon, Fred., Marion, Ohio.....
Hinckley Stone Co., S. Greenfield, Mo.....
Hinsdales, N. C. Sons Gran. Co., Barre, Vt.
Hipskind, P., Wabash, Ind.....
Hirsher, M. & Son, Findlay, Ohio.....
Hiscox, Arthur T., Webster, Mass.....
Hislop, John, Goderich, Ont.....
Hitchcock, G. H. & Co., Quincy, Mass.....
Hoadley & Fish, Silvara, Pa.....
Hoak, A. A., Harrisburg, Pa.....
Hobbler, Chris., Woodville, Ohio .....
Hobbs, Ed., N. Stoughton, Mass.....
Hock, C., Cressona, Pa.....
Hock, G. & J., Pottsville, Pa.....
Hocking Clay & Mfg. Co., Logan, Ohio....
Hocum, J., Springfield, Ohio.....
Hodgdon, G. A., Gorham, N. H.....
Hodgeon, Joel, East Kingston, N. H.....
Hodges & McCarthy, St. Louis, Mo.....
Hodgins, David, Hortonville, Wis.....
Hodgman, Edw., Concord, N. H.....
Hodsdon, C. A., Yarmouthville, Me.....
Hoffman, Henry, Califon, N. J.....
Hoffman, S. & G., Columbia, Pa.....
Hogan, C. W., St. Louis, Mo.....
Hogan & Morgan, St. Louis, Mo.....
Hogard & Miller, Gainesville, Mo.....
Holbrook, F., Ansonia, Conn.....
Holder & Strayer, Grand Rapids, Ohio.....
Holes Bros., St. Cloud, Minn.....
Holland, W., New York.....
Holland & Robinson, San Francisco, Cal..
Holland & Steward, S.Euclid, Ohio.....
Hollenbee, J. G. & Co., New Point, Ind....
Hollenburg, Wm., Delaware, Ohio.....
Hollensbe Stone Co., Greensburg, Ind.....
Hollingshead, I. C., Mankato, Kan.....
Hollingsworth & Kettner, Liberty, Ind....
Hollis, W. H., East Hartford, Conn.....
Holmes, A. J., W. Concord, N. H.....
Holmes, H.T., Lime Co., San Francisco, Cal.
Holmes, Lester, E. Glastonbury, Conn.....
Holmes, M. M., Kansas City, Mo.....
Holmes, Wm., Barrie, Ont.....
Holmes, Wm., Newport, Pa.....
Holmes, W. M., Birmingham, Pa.....
Holmes & Co., Morrell, Pa.....
Holmes & Stevens, Birmingham, Pa.....
Holmesburg Granite Co., Holmesburg, Pa.
Holston, S. & P. Co., Saltville, Va.....
Holt, Edward, Jersey Mills, Pa.....
Holt, Frank, Genoa, Ohio.....
Holt, J. & Son, Joplin, Mo.....
Holt & Gregg, Kennett, Cal.....
Holzman & Co., New York.....
Homegardner, John, Sandusky, Ohio.....
Homer, A. F., Florence, Kan.....
Honan, Michael, Swarthmore, Pa.....
Hood, Asa, Gloucester, Mass.....
Hood, Wm. & Son, Montreal, Que.....
Hooper & Harvey, W. Sullivan, Me.....
Hoops, Sam., Winnipeg, Man.....
Hoops, C. & Co., Doe Run, Pa.....
Hoosier Stone Co., Bedford, Ind.....
Hooson & Son, Plumper's Pass, B. C.....
Hoover Bros., Fultonham, Ohio.....
Hoover, J. M., Grafton, Pa.....
Hoover, R. S., Roaring Spring, Pa.....
Hoover, Wm., Fultonham, Ohio.....
Hoover & Co., Newville, Pa.....
Hoovers & Sons, Toronto, Ont.....
Hope, C., McAdensville, N. C.....
Hope Mfg. Co., Connellsville, Pa.....
Hopper, Irwin & Co., Montreal, Que.....
Horan, S. J., Medina, N. Y.....
Horbrook, Joseph, Cold Brook, N. B.....
Horine, J., Ironton, Wis.....
Horlick, Lime & S. Co., Racine, Wis....
Hornbeck, M. A., Monroe City, Mo.....
Horne, C., Water Village, N. H.....
Horst, S. S., Lebanon, Pa.....
Horton, E. S., Westfield, Pa.....
Horton, John, Edgerton, Wis.....
Hosler, Jos., Amanda, Ohio.....
Hosley, A. B., N. Adams, Mass.....
Hostetter, Jacob, Casselman, Pa.....
Hotschkiss, L. W., Lewiston, N. Y.....
Houghton, Henry, Detroit, Mich.....
Houlehan, L., Jersey City, N. J.....
Hound & Harden, Brooklyn, N. Y.....
Hounshell & Co., Rogersville, Tenn.....
House, J. L., Folsom City, Cal.....
House, N. H., E. Townsend, Ohio.....
House of Correction, Holmesburg, Pa.....
Housekeeper, Ben, Philadelphia, Pa.....
Houser, S. J. & C. W., Durango, Colo....
Houser & Rea, Dolores, Colo.....
Houston, G. O., Roanoke, Va.....
Hout, Jacob, Mount Pleasant, Pa.....
Howard Bros., Lethbridge, N. W. T.....
Howard, Geo., Franklin Corners, Pa.....
Howard, L. L., Norway, Me.....
Howard & Green, Bluehill, Me.....
Howdyshell, S., Winona Furnace, Ohio....
Howe, L. B. & Co., Biddeford, Me.....
Howell, A. E., Nashville, Tenn.....
Howell & Kanawar, Dunlap, Cal.....
Howells & Hamelton, Gregory, Pa.....
Howes, David, Dennis, Mass.....
Hoy, P., Loomis, Cal.....
Hoyt, Henry, Watsontown, Pa.....
Hubbard, C. W. & Co., Dell Rapids, S. D..
Hubbell, J. S., Bridgeport, Conn.....
Hudson, W. A., Weatherford, Tex.....
Hudson & Chester Gr. Co., Chester, Mass.
Huff & Seiser, Chillicothe, Mo.....
Huffman, S., Savannah, Mo.....
Huffman, Wm. & Co., Dayton, Ohio.....
Hufman & Renner, Dean, Ohio.....
Hugh, Est. of Allen, Stanhope, N. J.....
Hughes Bros., Syracuse, N. Y.....
Hughes Bros. & Bang, Kelley's Island, O.
Hughes, Chas. J., Bridgeport, Conn.....
Hughes, I. R., London, Ont.....
Hughes, P. F. & Son, Quincy, Mass.....
Hughes, Scanlon & Thompson, Long Island City, N. Y.....
Hughes, W. T., Cleo, Kan.....
Hughes & Jones, Monson, Me.....
Hughn, J. E., West Troy, N. Y.....
Hugill, J., Akron, Ohio.....
Hulet, M. T., Duluth, Minn.....
Hummel, David, Cincinnati, Ohio.....
Hummel, J. H., New York.....
Hummelstown B. Stone Co., Phila., Pa...
Humphrey, Edwin L., Pittsburg, Pa.....
Humphrey, W. D., Jones Mills, Tenn.....
Humphreys, James, Birdsboro, Pa.....
Humphry Bros. & Mount, Memphis, Tenn.
Hundt, Martin, Greenfield, Mo.....
Hungerford Marble Co., Toronto, Ont.....
Hunt, Martin & Son, Troy, N. Y.....
Hunter, C. H., Co., Barre, Vt.....
Huntington, F. A., San Francisco, Cal..
Huntington Road, E. Bridgeport Stone Quarries, Bridgeport, Conn.....
Huntington & Clough, Washington, Vt....
Huntington & Sullivan, Hanover, N. H....
Hurd, W. C., Dewitt, N. Y.....
Hurd & Roberts, Hamilton, Ont.....
Hurley, F. E., Rockland, Me.....
Huron Grindstone Co., Port Austin, Mich..
Hurricane Isle Gr. Co., Hurricane Isle, Me.
Hurst, Geo., Putnamville, Ind.....
Huse, Jas., Hookset, N. H.....
Husher & Son, Findlay, Ohio.....
Hussey, S., Rochester, N. H.....
Hutcheon & Donald, Richmond, Va.....
Hutchinson, E. C., Chester Depot, Vt....
Hutchinson, F., Iowa City, Ia.....
Hutchinson, J. & Sons, New York.....
Hutchinson, L. K., Milford, N. H.....
Hutchison, D., Baddeck, N. S.....
Hyde & Gload Mfg. Co., New York.....
Hyland A., New York.....
I. X. L. Lime Co., Felton, Cal.....
Idaho Stone Co., Lewiston, Ida.....
Ideal Lime & Stone Co., Baltimore, Md..
Igo & Warner, Quincy, Mass.....
Illinois Stone Co., Chicago.....
Illinois & Ind. Stone Co., Cayuga, Ind.....
Image, J. T., Davenport, Ia.....
Imboden, Jos. & Sons, Rockbridge, Ohio..
Imes & Cruickshank, Barre, Vt.....
Imler, Israel, Waterside, Pa.....
Imperial Onyx Co., Milwaukee, Wis.....
Independence Stone Co., Cleveland, Ohio.
Indiana Contract Co., Milltown, Ind.....
Ind. Oolitic Limestone Co., Chicago.....
Indiana Stone Co., Bedford, Ind.....
Ind. & Ill. Stone Co., Waterman, Ind.....
Ingam Stone Co., Kansas City, Mo.....
Ingerson & Nash, Whitinsville, Mass.....
Ingram Stone Co., Kansas City, Kan.....
International Pulp Co., Gouverneur, N. Y.
Inyo Marble Co., Inyo, Cal.....
Iredale, W., Boulder, Colo.....
Ireton Bros., Camden, Ohio.....
Iron City Stone Co., Allegheny, Pa.....
Iron Mt. Co., St. Louis, Mo.....
Iron River Brown St. Co., Duluth, Minn.
Iron River Red S'stone Co., Duluth, Minn.
Ironside & Davidson, Hamilton, Ont.....
Irwin & Co., Yellowsprings, Ohio.....
Irwin, D. F., Plymouth, Ohio.....
Isabella Limestone Co., Crowther, Pa.....
Iver, David, Moscow, Ohio.....
Iverson, Henry, San Rafael, Cal.....
Ivey, Henry W., Concord, N. H.....
Jackson, C. D., New York.....
Jackson, C. & Son, Waterbury, Conn.....
Jackson Pulp Co., Jackson, Mich.....
Jackson Stone Co., Jackson, Mich.....
Jacobs, Jos., Devault, Pa.....
Jalick, John, Madrid, Ia.....
James & Marra, Springfield, Mass.....
Jamieson, J. A., Renfrew, Ont.....
Jang, Kurth, H. & Co., Lithopolis, Ohio..
Janssen, J., New Florence, Mo.....
Jardel, John, Huntington Valley, Pa.....

QUARRIES—Continued.

Jefferson, Adam, Mankato, Minn.....
Jefferson Furnace Co., Oakhill, Ohio.....
Jefferson Lime & Flux Co., Butte, Mont..
Jeffrey & Krelinger, Barre, Vt.....
Jelks, J. O. & Co., Hawkinsville, Ga.....
Jengenson, J., Menasha, Wis.....
Jenkins, Geo., Rochester, Minn.....
Jenkins, S. H., Meshoppen, Pa.....
Jenkins, Z., E. Bridgewater, Mass.....
Jenkins & Co., Lithonia, Ga.....
Jenkinson, Ferguson, Co., Osier, Colo.....
Jennings, L. T., Longplain, Mass.....
Jennings, S., Baraboo, Wis.....
Jennings, S. M., Little Compton, R. I....
Jetler, T. H., Lincoln, Cal.....
Jewell Granite Co., Lincoln, Me.....
Jewell, Simon, Anniston, Ala.....
Jewett, E. C., Whitefield, Me.....
Joaquin, T. N., Athens, Me.....
Joblin, F., Batesville, Ark.....
Johanus, Frank, Buffalo, N. Y.....
Johnson Bros., Burlington, Vt.....
Johnson Bros., Joliet, Ill.....
Johnson, Chas., Quincy, Mass.....
Johnson, Chas. & Bros., W. Quincy, Mass.
Johnson, Ed., Decatur, Tex.....
Johnson, G. W., Lithonia, Ga.....
Johnson, J. B., St. Joseph, Mo.....
Johnson, J. C., Pittsburg, Pa.....
Johnson, J. G. Manchester, N. H.....
Johnson, Jno., Mt. Eden, Cal.....
Johnson, John, Trempealeau, Wis.....
Johnson, L. B. & Co., Sandusky, Ohio....
Johnson, L. S., Exeter, N. H.....
Johnson, Otto, Santa Rosa, Cal.....
Johnson, P. A., Brooklyn, N. Y.....
Johnson, R., Junction, Ohio.....
Johnson, R. H., Wayne, Pa.....
Johnson, W. G., New York.....
Johnson & Elliott, Charlotte, N. C.....
Johnson & Long, E. Bluehill, Me.....
Johnson & Spellman, Stockton, Cal.....
Johnston, M. C. N., Milanville, Pa.....
Johnston, P. A., St. Davids, Ont.....
Johnston, Samuel, Morton, Pa.....
Johnston, T., Paisley, Ont.....
Joliet Limestone Co., Joliet, Ill.....
Joliet Marble Wks., Joliet, Ill.....
Joliet Pioneer Stone Co., Joliet, Ill.....
Joliet Stone Works, Joliet, Ill.....
Joliet & Chicago Stone. Co., Joliet, Ill....
Jolly, A. J. & Co., Monica, Pa.....
Jones Bros., St. Cloud. Minn.....
Jones Bros. & Co., San Francisco, Cal....
Jones. David, Philadelphia, Pa.....
Jones, E., Warsaw, N. Y.....
Jones, E. A., Hudson, Mass.....
Jones, E. E., Wymore, Neb.....
Jones, E. L., Albany. N. Y.....
Jones, Francis, Lithonia, Ga.....
Jones, F. W., Jonesburg, N. Y.....
Jones, G. R., Salt Lake City, Utah.....
Jones, Griffiths & Williams, Poultney, Vt..
Jones, J. B.. Richland Center. Wis.....
Jones, John, Paoli, Ind.....
Jones, John, Quincy, Mass.....
Jones, J. R., Abilene, Tex.....
Jones, M. T., Lbr. Co., Mexia, Tex.....
Jones, T. A. & Jewell Co., Bangor, Me..
Jones, T. C., Iron Gate. Va.....
Jones, Trow, W. Berlin, Vt.....
Jones, Wm., Sugarridge, Ohio.....
Jones, W. J., St. Lawrence, Mass.....
Jones, W. T., Rome, Ga.....
Jones & Co., Florence, Kan.....
Jones & Desmond, Quincy, Mass.....
Jones & Kingsbury, Sherman, Pa.....
Jones & Langdon, Crowther, Pa.....
Jones & Meredith, Radnor, Ohio.....
Jones & Thom, Baltimore, Md.....
Jones & Williams, Lafayette, N. J.....
Jonesport Red Gran. Co., Jonesport, Me..
Jordon & Son, New York.....
Joss Bros. Co., Quincy, Mass.....
Judd, W. J., New York.....
Jung, E. W., Cincinnati, Ohio.....
Juniata Ganister Co., McKee Gap, Pa....
Juniata L'stone Co., Ltd., Coveforge, Pa..
Juniata Stone Co., Ganister, Pa.....
Kabel, Martin, Buffalo, N. Y.....
Kahn, M. M., Pittsburg, Pa.....
Kalbough, Perry A., Thomasville, Colo...
Kane, C., Whitewood, S. D.....
Kane, Isaac, Chambersburg, Pa.....
Kane, James & Son, Meriden, Conn.....
Kane, Jos., Freestone, Cal.....
Kane, P. J., Perth, Ont.....
Kane & Leary, Fitchburg, Mass.....
Kane & Lenahan, New York.....
Kankakee Stone Co., Kankakee, Ill.....
Kanode Bros., Blacksburg, Va.....
Kantz, Jas. A., Eaton, Ohio.....
Kaser, Peter, Coplay, Pa.....
Kasota Quarry Co., Kasota, Minn.....
Kasper, S., Sherwood, Wis.....
Kaspertein, Jno., Cincinnati, Ohio.....
Kastner, J., Memphis, Tenn.....
Katz, E. E., Redlands, Cal.....
Kaukauna Stone Q'y Co., Kaukauna, Wis.
Kavanagh, Nicholas, Philadelphia, Pa....
Kavanaugh, Patrick, W. Quincy, Mass....
Kean, John, Wreford, Kan.....
Kearney Stone Wks., Kearney, Wyo.....
Kearney, T., Meriden, Conn.....
Kearney & Barrett, Medina, N. Y.....
Kearns, Prendergast & Bender, Chicago..
Keart, Jonathan, Sunapee, N. H.....
Keefer & Godden, Victoria B. C.....
Keefe, Timothy, Chester, Mass.....
Keegan, Thos., New York.....
Keeler, Chas. & Son, Wilburta, N. J.....
Keeling, Ridge & Co., Connellsville, Pa..
Keenan's Quarry, Parkersburg, W. Va....
Keeney, N. B. & Son, Leroy, N. Y.....
Keeport, A. B. & Co., Logansport, Ind....
Keffer, J. G., Moyer, Pa.....
Kehr, A. P. & Co., Buffalo, N. Y.....
Keith, Grace, Bannockburn, Ont.....
Keith, Louis, Barre, Vt.....
Keith & Leaby, Victor, Cal.....
Keizar, Alfred, Wendell, Mass.....
Keleher, Wm., Jersey City, N. J.....
Kelleher Bros., Montpelier, Vt.....
Keller, Mrs., Lincoln, Cal.....
Kelley, A., Webster, Pa.....
Kelley, Bros., Chattanooga, Tenn.....
Kelley, Geo., Wallingford, Vt.....
Kelley, H. G., New York.....
Kelley Island Lime Co., Cleveland, Ohio.
Kelley, Wm., Aurora, Mo.....
Kellogg, H. B., Ash Grove, Mo.....
Kellone, Geo., W. Concord, N. H.....
Kelly, B., Lynnville, Ont.....
Kelly, I. F., Oakland, Cal.....
Kelly, J. D., E. Guilford, N. Y.....
Kelly, N. & Co., Kelly's Island, Ohio.....
Kelso, Thos., Beaver Creek, Colo.....
Kemble, W., Lumberville, Pa.....
Kemmerley, L. J., Carey, Ohio.....
Kemp, R. T., Listowel, Ont.....
Kemper, Benjamin, Philadelphia, Pa.....
Kemper, E. G., Burlington, Ia.....
Kempf, C. & Co., St. Louis, Mo.....
Kempton, J. K., Sunbury, Ohio.....
Kempton, J. N., Farmington, Me.....
Kenderdiner & Bro., Phila., Pa.....
Kenepp, S. B., Fayette, Mo.....
Kenna & Allen, Camillus, N. Y.....
Kennedy, D. & Son, Carden, Guelph, Ont..
Kennedy, P., Gloucester, Mass.....
Kenner, W. D., Rogersville, Tenn.....
Kent. E. O., E. Barre, Vt.....
Kent, M., Kent, Ohio.....
Kent, S., Rocklin, Cal.....
Kent Stone Co., Grand Rapids, Mich.....
Kent & Root, S. Dorset, Vt.....
Kenter, Samuel & Co., Rocklin, Cal.....
Kentucky Blue Stone Co., Freestone, Ky.
Kentucky F. Brick Co., Springville, Ky....
Kenyon, J. W., Albany, Mo.....
Kenyon & Co., Niantic, R. I.....
Kerber Jacobs Redst. Co., Redrock, Mich.
Kerchoff Cuznee M. & L. Co.,Pasadena,Cal.
Kern, O. P., Webb City, Mo.....
Kerr, Geo., Ludlow Falls, Ohio.....
Kester, Walter, Romona, Ind.....
Kettle Stone Co., Joliet, Ill.....
Kettle River Q's., Kettle River, Minn....
Keyes & Thatcher, Chicago.....
Keys & Bullock, Lincoln, Neb.....
Keystone Marble Quarry, Swatara, Pa....
Keystone Quarry Co., Spencer, Ind.....
Kidder, Jesse, Independence, Wis.....
Kidney, W., New York.....
Kiely, Ed., Livermore, Cal.....
Kilcher, T. & Co., Albany, N. Y.....
Kilfoyle, John, Hamilton, Ohio.....
Killbuck Brownstone Co., Killbuck, Ohio..
Kilpatrick, S. J., Kingston, Ont.....
Kimball Bros., Lincoln, Neb.....
Kimball, Hiram, Beverly, Mass.....
Kimball, S., Barre, Vt.....
Kimbell & Cobb Stone Co., Chicago, Ill..
Kimble, Ephraim, Kimble, Pa.....
Kincaid Marble Co., Concord, Tenn.....
Kincaley Bros., St. Louis, Mo.....
Kinder & Schafer, Blacksburg, Va.....
Kindle, A. H., Versailles, Mo.....
Kindly, Asa, New Holland, Ind.....
King, J. C., E. Barre, Vt.....
King, Jno. W., Zanesville, Ohio.....
King Mfg. Co., Roanoke, Va.....
King & Zesch, St. Louis, Mo.....
Kingbury, B. T., Sherman, Pa.....
Kinghaur, Dr. Jos., Rockybridge, Ohio....
Kingsbury, A. W., Stafford Sp'gs, Conn..
Kingsbury, O. M. & Co., Hale Eddy, N. Y.
Kingsbury, O. M. & Co., Starruca, Pa....
Kingston Bros. & Co., Barre, Vt.....
Kinnerson, W. T. & Co., Barre, Vt.....
Kinney, M. R., Andover, N. J.....
Kinnziel, J. & Son, Parsons, Kan.....
Kinsman, L. K., Beaver City, Neb.....
Kinzer, Jos., Independence, Ohio.....
Kipp & Rouse, Hickorygrove, Pa.....
Kipps, M., Blacksburg, Va.....
Kirby Granite Co., St. Johnsbury, Vt.....
Kirchner, L., Albany, N. Y.....
Kirk, Jno. J., Huron, Ind.....
Kirk Mt. Granite Co., Salisbury, N. C.....
Kirkpatrick Bros., New York.....
Kirkpatrick, Howk & Massey, Joliet, Ill..
Kirkpatrick, T., Parrsboro, N. S.....
Kirkpatrick & Sheehan, Westerly, R. I....
Kirkum, Wm., Rowland, Pa.....
Kissall, T. R., Fall River, Mass.....
Kitchen, A. J. & Son, Tariffville, Conn..
Kitchen & Baldwin, Gregory, Pa.....
Kittridge, F. G. & Co., Milford, N. H..
Kitzmiller Stone Co., Canton, Ohio.....
Klaber, A., New York.....
Klaber, S. & Co., New York.....
Klein, J. W., Spring Mt., Pa.....
Kline & Hoffman, Calcium, Pa.....
Kling & Brophy, Nevada, Mo.....
Knabb, G. F., Point Pleasant, Ohio.....
Knauer, Davis, St. Peters, Pa.....
Knauer, S. G., Denison, Tex.....
Knauer & Harrison, St. Peters, Pa.....
Knickerbocker Lime Co., Phila., Pa.....
Knigffen, D. K. & Son, Eastbranch, N. Y.
Knight, M., Tyngsboro, Mass.....
Knolton, E. P., Chelsea, Mass.....
Knott, Levi, Altoona, Pa.....
Knowles, A. H. F., E. Concord, N. H....
Knowles Bros., New York.....
Knowles, F. E., Raymond, Cal.....
Knowles, T. W., Briggs, Ohio.....
Kocher Bros., Avondale, N. J.....
Kohlhogen Bros., Sheboygan Falls, Wis..
Koksilah Quarry Co., Victoria, B. C.....
Kolasse, Paul, St. Paul, Minn.....
Koler & Griger, Bloomville, Ohio.....
Kollar, G. N., New Philadelphia, Ohio....
Kollenberg, W. H., N. Bloomfield, Cal..
Kolman, J., New York.....
Koster, C., New York.....
Kouber, V., Napanee, Ont.....
Krakar Stone Co., Joliet, Ill.....
Kramer, Ernest B., Russellville, Ark.....
Krause & Hulett, Fond du Lac, Wis.....
Kreider, Joseph & Son, Annville, Pa.....
Krenzberger, Bartley, Sacramento, Cal..
Krepps, A., New Galilee, Pa.....
Krogh Mfg. Co., San Francisco, Cal.....
Krom, W. H., Kyserike, N. Y.....
Krulusk, J., New York.....
Kubin, J., New York.....
Kuentzle, G., Hamilton, Ohio.....
Kueuzer, Jos., Independence, Ohio.....
Kuhn, I., Quarry, Kan.....
Kuntz, Lewis, Dillsburg, Pa.....
Kunz, J., New York.....
Kunz & Johnson, Sandusky, Ohio.....
Kutz, D. E., Milton, Pa.....
Kutzke, Wm. & Son, Portage, Wis.....
Kyune Graystone Co., S. L. City, Utah...
LaBean, Adolphus, Newport, Mich.....
La France, F., Skinner's Eddy, Pa.....
Lagasse, H., Sault Au Recollet, Que.....
Lahey, Thos., Haverhill, Mass.....
Lahey & O'Donnell, Lawrence, Mass.....
Lahlane & Daly, Concord, N. H.....
Lahly, Matt & Co., Rocklin, Cal.....
Laidlow, R. & Co., Toronto, Ont.....
Laing & Mortimer, Barre, Vt.....
Laird, R. W., St. Johnsbury, Vt.....
Lake Champlain Granite Co., Boston, Mass.
Lake Champlain Granite Co., New York..
Lake Sup. B. Stone Co., Duluth, Minn....
Lake Sup. R'stone Co., Marquette, Mich..
Lambert, J. S., Wabash, Ind.....
Lambert, L. M., Chateau Richer, Que....
Lambrecht, John, Hoisington, Kan.....
La Motte Granite Co., Kansas City, Mo....
Lamson, A., Fallriver, Mass.....
Lamson, Woodbury & Co., Charlton, Mass.
Lanark Limestone Q'y, Acadia Mines, N.S.
Landry, Wm. G., Manchester, N. H.....

Lane Bros., Los Angeles, Cal.
Lane, John S. & Son, Meriden, Conn.
Lane & Cavanagh, Stamford, Conn.
Lanesville Granite Co., Rockport, Mass.
Lang, C. & Co., Cincinnati, Ohio.
Lang, Geo., Hermann, Mo.
Lange, Louis, Hubbell, Neb.
Langford, M. N., Langford, Ky.
Langhorne Sp'g Water Co., Langhorne, Pa.
Lanker, Wm., Carey, Ohio.
Lannon & Williams, Lannon, Wis.
L'Anse Brown Stone Co., Chicago.
Lansing & Son, Fayetteville, N. Y.
Lantz & Co., Buffalo, N. Y.
Lapointe, J., Chateau Richer, Que.
Larkin, Edward, Bridgeport, Conn.
Larkin, Frank, Madison, Wis.
Larson Bros. & Johnson, St. Cloud, Minn.
Lasley, John, College Corner, Ohio.
Lassiter, Dr. D., Petersburg, Va.
Last, T. & Sons, Oshkosh, Wis.
Latcher, John W., Edinburg, N. Y.
Lauer, Jacob, St. Paul, Minn.
Lauer & Hagaman, New York.
Laufer, A., Bloomington, Ill.
Laundry Farm Stone Co., Oakland, Cal.
Laurent, I., St. Anaelet, Que.
Laurent, L., Santa Rosa, Cal.
Laurentian G. Co., St. Phillips, Que.
Laurie Stone Co., Sturgeon Bay, Wis.
Laurin, C. G., Lowell, Mass.
Law, R. H., Conotton, Ohio.
Law, R. H., Corning, Ia.
Lawler, E. A., Springfield, Mass.
Lawlor, Wm., Cold Brook, N. B.
Lawrence, Daniel, Kyserike, N. Y.
Lawrence Furnace Co., Culbertson, Ohio.
Lawrence, Geo., Kyserike, N. Y.
Lawrence, T. H., Wawarsing, N. Y.
Laws & Trenowith, Concord, N. H.
Lawton, Emmons & Co., S. Norridgewock, Maine.
Laycock, H., Dunnville, Wis.
Lazenby, C., Tulare, Cal.
Lazzari & Barton, Woodlawn, N. Y.
Leadville L. & Fl'g Co., Denver, Colo.
Leahy Bros., N. Chelmsford, Mass.
Leavell & Speers, Newberry, S. C.
Leavitt, E. A., Quincy, Cal.
Leazer, S. E. Haverhill, N. H.
Lebanon Pink Gr. Co., Lebanon, N. H.
Le Blond, Ernest, East Barre, Vt.
Lee, A. F. D., Griersville, Ont.
Lee, A. W., Ridgefield, Conn.
Lee, Nath., St. Joseph, Mo.
Leech, E. O., Carleton Place, Ont.
Leech, Plympton, Greenville, Pa.
Leesville St. Co., Leesville Cross Roads, O.
Leffingwell, Jno., Hubbell, Neb.
Legg, Jas. F. & Bros., Marbleciff, Ohio.
Le Grand Quarry Co., Marshalltown, Ia.
Lehman, Chas., New York.
Leicester Marble & L. Co., Leicester, Vt.
Leid, Henry, Appleton, Mo.
Leidich, A. M., Boiling Springs, Pa.
Leiper & Lewis, Chester, Pa.
Leis Hy. C., St. Louis, Mo.
Lemay, Leon, Nashua, N. H.
Lemay & Tetro, Nashua, N. H.
Lemon, Lewis, Auburn Four Corners, Pa.
Lendall, John, Manchester, Mass.
Lendauer, L., Kaukauna, Wis.
Lenehan, P. & Co., Brookston, N. C.
Lenhart, J. H., Whitecottage, Ohio.
Lent, J. E., Pictou, Ont.
Leo, John A., Catskill, N. Y.
Leonard, David, Baltimore, Md.
Leonard, Samuel M., Wilmington, Ohio.
Leonard, Wm., Bigpond, Pa.
Leslie, R., West Toronto Jct., Ont.
Leahy, Maurice, Meriden, Conn.
Leuthold, J. H., Hunting, Wis.
Le Valley, John, Shelby Basin, N. Y.
Levey, Jas., Madisonville, Mo.
Lewis, Alex., Lawrence, Kas.
Lewis, G., Swarthmore, Pa.
Lewis, R., Damascus, Cal.
Lewis, W. B., Cardigan Bridge, P. E. I.
Lewdecker, Jos., Lithopolis, Ohio.
L'Heureuse, L. N., Chateau Richer, Que.
Liberty, J. B., Thompsonville, Conn.
Lickey, Geo., Brooklyn, N. Y.
Liddell & Johnson, Atlanta, Ga.
Liebendorfer, E. W., Beaver Falls, Pa.
Light & Louther, New York.
Lighthipe, C. A., Millburn, N. J.
Lightner, Nathaniel, Gettysburg, Pa.
Limestone Stone Co., Pittsburg, Pa.
Lillie, John, Barre, Vt.
Lime & E. Tenn. Q'ing Co., Concord, Tenn.
Lime City Co., Toledo, Ohio.
Limman Bros., Columbus, Ohio.
Line, E. F. & Son, Bluff City, Ill.
Linehan, John, Peabody, Mass.
Linger, H. T., E. Glastonbury, Conn.
Lingo, Burton & Co., Abilene, Tex.
Link Bros., Columbus, Ohio.
Linn, F. W., St. Louis, Mo.
Linoges, Olivier, Montreal, Que.
Linquist, Charles, Elizabeth, Pa.
Litchfield Bros., Fitchburg, Mass.
Litchfield, S. P., Fitchburg, Mass.
Little, G. W., Cleveland, Ohio.
Little Rock Gr. Co., Little Rock, Ark.
Little, Wm., Spring Mill, Pa.
Little & Pettibone, Independence, Ohio.
Littlefield, C. E., Rockland, Me.
Littlefield, J. & Son, Newburyport, Mass.
Littlefield, M. G., Pigeoncove, Mass.
Littlejohn & Milne, Barre, Vt.
Livesay, L. A., Rolla, Mo.
Livingston, R. J., Symmes Corners, Ohio.
Livingston, W. & F., New York.
Livsey & Jones, Wymore, Neb.
Lizzie Clay & Pulp Co., Phillipsburg, N. J.
Lloyd, D. C. Co., Fostoria, Ohio.
Lobach, Charles, Ironton, Pa.
Lobdell, D., North Lawrence, N. Y.
Locke & Jones, Lawrence, Mass.
Locker & Co., Balcony Falls, Va.
Lockhart, J. L., Ono, Cal.
Lockport Stone Co., Chicago.
Lockwood, Alex., New York.
Lockwood, D. T., New York.
Logan, G. W., Logan, Mo.
Logan, R., New York.
Logan, Samuel, Marshalltown, Del.
Lohr & Weifenbach, Milwaukee, Wis.
Lomer, A., Buckingham, Que.
Long Bros., Cranberry, Ohio.
Long, C. W., Stoughton, Mass.
Long, F. B., Carthage, Mo.
Long, J. E., Norway, Me.
Long, John T., Tenino, Wash.
Long, T. C., Allentown, Ohio.
Long, W. T., Stephenville, Tex.
Long & Saunders, Quincy, Mass.
Longdale Iron Co., Longdale Va.
Longee, W. S., W. Concord, N. H.
Longford Quarry Co., Longford Mills, Ont.
Loomis, A. B., Goshen, Mass.
Lopes & Son, Ironton, Mo.
Lord & Griswold, Chicago.
Los Angeles Lime Co., Los Angeles, Cal.
Los Gatos Lime Co., San Francisco, Cal.
Louisville & Bedford S. Co., Bedford, Ind.
Love Bros., Webster, Mass.
Love, John, E. Bluehill, Me.
Low, D., Jr., Lincoln, Me.
Low, E. B., Sardis, Ohio.
Low & Tiogans, New York.
Lowe, W. S. & Son, New York.
Lowery, Wm., South Bay, N. B.
Lucas, H. B. & Son, Meriden, Conn.
Lucas, J. F. & W. G., Zanesville, Ohio.
Lucas Stone Co., Lucas, Ohio.
Luce, James V., Niantic, Conn.
Luce & Glover, Sacramento, Cal.
Lucke, Mitchell & Co., Thetford Mines, Que.
Luckie, A. K., Mexico, Mo.
Lucky, J. B., Elmore, Ohio.
Lucky Stone Co., Elmore, Ohio.
Luedtke & Fillian, Ft. Ritner, Ind.
Lugurt, E. P., Milledgeville, Ga.
Lumberville Granite Co., Phila., Pa.
Luncham, John S., Peabody, Mass.
Lund, F., Mt. Eden, Cal.
Luny, D. S., Middleboro, Mass.
Lurney & Littlefield, Pigeoncove, Mass.
Lutz Bros., Oshkosh, Wis.
Lux & Lux, Logansport, Ind.
Lyman, Peter, Est., Brooklyn, N. Y.
Lynch, D., Chicopee, Mass.
Lynch, John, Petaluma, Cal.
Lynch, Z. A., West Baden, Ind.
Lynch & McMann, Montpelier, Vt.
Lynchburg Cons. Co., Lynchburg, Va.
Lynde & Cheney, Williamstown, Vt.
Lynds, Wm., Concord, N. H.
Lynn, Wm., St. Anthony, Ind.
Lyon, M., New Waterford, Ohio.
Lyons, E. S., Lyons, Colo.
Lyons, G. E., Granite Co., W. Dummerston, Vt.
Lyons Granite Co., W. Quincy, Mass.
Lyons, S. C. & Bros., S. Shaftsbury, Vt.
Lyons, Thomas, Buckingham, Que.
Lyons, Thos., New York.
Lyons, W. S., Boston, Mass.
McAdams & Amos, Marshfield, Mo.
McAllister, A., Savannah, Ga.
McAllister, Brown & Co., New York.
McAlpine, A. G., Concord, N. H.
McAndrew, V., Norval, Ont.
McArthur, D. R. & Co., Kenton, Ohio.
McAteer, H. J., Alexandria, Pa.
McAuliff, F. A. & Co., Fitchburg, Mass.
McAuliff, J., Fitchburg, Mass.
McAvoy, James, Carrolltown, Ill.
McBride, S. G., Zanesville, Ohio.
McCabe, G. W., Piqua, Ohio.
McCaffrey, Michael, New Windsor, Md.
McCann, James, Govans, Md.
McCann, W., Dublin, Md.
McCarey, M. D., Crawford, Ohio.
McCarthy, Thos., N. Acton, Mass.
McCartney, J., Listonburg, Pa.
McCasey & Luhrs, Phoenix, Ariz.
McCauly, A., Lewistown, Pa.
McCibory & Co., Salt Lake City, Utah.
McClain, Jos. & Son, Bellaire, Ohio.
McClain, W. J., Bellaire, Ohio.
McCauliff, F. A. & Co., Fitchburg, Mass.
McClenahan & Bro. Granite Co., Pt. Deposit, Md.
McClentis, A. A., Fincastle, Va.
McCloskey, Ben., New Waterford, Ohio.
McClurg, J. W., Galena, Kan.
McCode, A. C. & Co., Plattsville, Ont.
McColm, F. C., Manchester, Ohio.
McConnell, J. H., Barnesville, Ohio.
McCormick, A. J., Medina, N. Y.
McCormick, Jos., E. Providence, R. I.
McCoy, R. & Co., Bridgeport, Pa.
McCrea, J., Chestnut Hill, Pa.
McCready, H. C., Sonora, Cal.
McCreary, C. C., Morning Sun, Ohio.
McCue, John, New Bedford, Mass.
McCullah, Chas., Kahoka, Mo.
McCullom, A., Berlin, Wis.
McCullough, A. T., Baker's Landing, Pa.
McCurley, W. H., Ross, Ohio.
McCurlly, T. W., Big Harbour, N. S.
McDermott, J. R., Savannah, Mo.
McDevitt & Moore, East Liverpool, Ohio.
McDonald, A., Newport Landing, N. S.
McDonald, Chas., Montreal, Que.
McDonald, J., Pahrump, Nev.
McDonald, J. H., Gouverneur, N. Y.
McDonald, John, Deer Isle, Me.
McDonald, J. W., San Francisco, Cal.
McDonald, J. W. & Co., Barre, Vt.
McDonald, L., Westerly, R. I.
McDonald, M. J., San Francisco, Cal.
McDonald, R. & Son, Arnprior, Ont.
McDonald, S. A., Green's Landing, Me.
McDonald Stone Co., Mason, N. H.
McDonald Stone Co., Troy, N. Y.
McDonald, Wm., Independence, Mo.
McDonald, Wm., New Richmond, Wis.
McDonald & Buchan, Barre, Vt.
McDonald & Turner, Quincy, Mass.
McDonnell, Chas., Bros., Montreal, Que.
McDonnell, J., Pittsburg, Pa.
McDonnell & Son, Buffalo, N. Y.
McDonnell & Sons, Quincy, Mass.
McDonough, F. P., Mantorville, Minn.
McDonough, M., Malden, Mass.
McDougall Bros., Quincy, Mass.
McDunla, D. J., Perth, Ont.
McElrary & Stone, Mahoning, Pa.
McEwen, F., Carleton Place, Ont.
McFarland, Wm., Cambridge, Ohio.
McGarry, John, Spencer, Ind.
McGilvray & Jones, Quincy, Mass.
McGrant, B., Trempealeau, Wis.
McGrath Bros., Quincy, Mass.
McGrath, M. E., New York.
McGrath & Dixon, Amherst, N. S.
McGratty, A., San Francisco, Cal.
McGratty, P., Brooklyn, N. Y.
McGregor, G., Marbletown, N. Y.
McGregor, R. J., Inglewood, Ont.
McGregor & Jeeves, Victoria, B. C.
McGuide, J., Lauringburg, N. S.
McGuire, B., Crossville, Tenn.
McGuire, John W., Concord, N. H.
McGuire, M., Concord, N. H.
McIlvaine, Geo. D., Bellemonte, Pa.
McInnis, J., Indian Ford, Man.
McIntosh, J., Calgary, N. W. T.
McIntosh & Raney, Granite, Va.
McKain Bros., Delphi, Ind.
McKay, A., Valley Falls, R. I.
McKay, J. J., Boston, Mass.
McKee, W. T., Kahoka, Mo.
McKelvie, A., Campbellford, Ont.
McKendrick & Scott, Wilmington, Del.
McKenna, John, W. Concord, N. H.
McKibben, J. W., Clermontville, Ohio.
McKiernan & Bergin, Paterson, N. J.

QUARRIES—Continued.

McKinion, Milton, Roca, Neb.....
McKinney, D. R. & Son, Marion, Ind.....
McKinney, Wm., Brodbecks, Pa.....
McKinny, James S., Germantown, Pa....
McKinzie & Paterson, Quincy, Mass.....
McKitterich Bros., Jackson, Ohio.....
McLain, J. W., Neffs, Ohio.....
McLaren, J., Brooklyn, N. Y.....
McLaughlin, H. F., Arnprior, Ont.....
McLaughlin, R., Boston, Mass.....
McLaughlin, W. A., Delta, Md.....
McLaughlin, W. A., Delta, Pa.....
McLean, A. E., Athens, Ont.....
McLean Granite Works, Albany, N. Y....
McLean, J., New York.....
McLean, M. J., Barre, Vt.....
McLellan Stone Co., Rockfield, Ky.....
McLennon, A., San Francisco, Cal.....
McLeod, Donald, Barre, Vt.....
McMahon, P., Arctic, R. I.....
McMannus & Reiley, McGee's Mill, Pa...
McMichael, Giles & Co., Philadelphia, Pa.
McMilan, C. W., Barre, Vt.....
McMullen & Morris, St. Paul, Minn.....
McMurray, A. & Son, Albany, N. Y.....
McNamee, J., Cambridge, Mass.....
McNaughton, Alex., Cordelia, Cal.....
McNaughton, David, Niantic, Conn.....
McNeely, Daniel, Carleton Place, Ont.....
McNeil, Benjamin, Meadville, Pa.....
McNeil, I. W., Montreal, Que.....
McNeil, Robt., Little Harbour, N. S.....
McNerney, J. J., Parkersburg, W. Va....
McNichols, E. S., Clinton, Mo.....
McNielan, John W., Union, Ohio.....
McNiff, Thos., Oswego, Kan.....
McNinch, Jos., Columbus, Ohio.....
McNutt, Jas., Blue Springs, Neb.....
McPhee & Taylor, Barre, Vt.....
McPherson, A. & Co., Longford Mills, Ont.
McPherson, John, Stillman, N. S.....
McSpadden, J. C., Rockwood, Pa. .....
McSpadden, T. S., Gordon, Tex.....
McVilley & Doll, Patterson, Ohio.....
Macattee & Co., Houston, Tex.....
Mack, J. C., New York.....
Mackay, J. B., Oakland, Ore.....
Mackenzie, Alex., New York.....
Macklin & Stevenson, McVeytown, Pa.....
Macknight Flintic Stone Co., New York..
MacPherson, D. M., Catoctin, Md.....
Macray & Bros., New York.....
Madden, M. B. & Co., Chicago.....
Madsen, C., Mt. Eden, Cal.....
Maggs, John, Chatham, Ont.....
Magic Marble Co., New York.....
Magoon, J. & W., Barre, Vt.....
Magown & Buck, Woonsocket, R. I.....
Mahan, Jas., Lowell, Mass.....
Maher Bros., Boston, Mass.....
Maher, M. E., Lithonia, Ga.....
Mahoney, I., Toronto, Ont.....
Maier, Sebastian, St. Joseph, Mo.....
Mailey, Wm., Grand Rapids, Ohio.....
Maine Cen. R. R. Co., Portland, Me.....
Maine Gran. & Globe Q'ry, Pittsburg, Pa.
Maine Gr. & Imp. Co., S.Norridgewock,Me.
Maine Red Granite Co., Redbeach, Me....
Maine & N. H. Granite Co., Portland, Me..
Maker, G. J., Granby, Conn.....
Malarkey, P., Chippewa Falls, Wis.....
Malaspina Red Gr. Q. Co., Nanaimo, B. C.
Mality, Wm., Marion, Kan.....
Mallet, E. B., Jr., Freeport, Me.....
Mallory, L. H., Scotia, Neb.....
Malnati Bros., Quincy, Mass.....
Malone Bros., South Euclid, Ohio.....
Malone Stone Co., Cleveland, Ohio.....
Maloney, Mathew, Meriden, Conn.....
Maloney, P. & Co., S. Thomaston, Me....
Maloney, Richard, Cummington, Mass..
Maloney & Connelly, Toronto, Ont.....
Manchester Granite Co., Manchester, N. H.
Manegold, A. F. & L., Wauwatosa, Wis..
Manes, D. B., Neillsville, Wis.....
Manet Granite Co., Quincy, Mass.....
Mann Bros., Barre, Vt.....
Mann, Jas. & Co., Philadelphia, Pa.....
Mann, John & Son, Hamilton, Ont.....
Manner Bros., Newville, Ohio.....
Mannex, T. F., W. Quincy, Mass.....
Manning, A. F., Lambert, Tex.....
Manning, Frank, Ardmore, Pa.....
Manning, M. & Co., Ganister, Pa.....
Manning & Davis, McKee Gap, Pa.....
Manschunyer, M., Pleasant Ridge, Ohio..
Manse Mg. Co., Pahrump, Nev.....
Mansfield, Geo, F., Jonesport, Me.....
Mansfield Imp. Co., Mansfield, Ohio.....
Manson, G., Joliet, Ill.....
Mantz, J. & Son, Peoria, Ill.....
Manuel, H. C., Sonoma, Cal.....
Manuel, Jas., Centerville, Ohio.....
Marble City Quarry Co., Phila., Pa.....
Marble Falls Gr. Co., Marble Falls, Tex..
Marble Hill Quarry Co., Pittsburg, Pa...
Mar. Valley St. & L. Co., Gilmore City, Ia.
Marblehead Lime Co., Chicago, Ill.....
Marco Bros., New York.....
Maret Bros., Lathrop, Mo.....
Marier, P., Jr., Janetville, Ont.....
Marin y Fenochio Perez, Magdalena Apasco, Mex. .....
Marion M. & Marble Co., Richmond, Va..
Markey, D., Neosho, Mo.....
Markham, F., Worcester, Mass.....
Markwalker, T., Augusta, Ga.....
Marmie, A., New York.....
Marnock, A. & Co., Quincy, Mass.....
Maroni, P., Kenwood, Cal.....
Marquardt, H., St. Louis, Mo.....
Marquez, Pedro, San Luis Obispo, Cal....
Marr & Gordon, Barre, Vt.....
Marrinell, John, North Chelmsford, Mass.
Marrion & Worden Bros., Rochester, N. Y.
Marriotte, C., Montreal, Que.....
Marsh, Alfred, Xenia, Ohio.....
Marsh, C. S., Lyons, Mich.....
Marsh, J., Clayton, Cal.....
Marsh, J. C., Herring, Ohio.....
Marsh, S., Alpine City, Utah.....
Marsh, W. E., Elfort, Ohio.....
Marsh & Co., Skinners Eddy, Pa.....
Marshall, H. N. F., Northfield, Mass....
Marshall, J. J., Blanchester, Ohio.....
Marshall, John, Beaver Brook, N. S....
Marshall, Robt., Philadelphia, Pa.....
Marshall & Alexander, Buffalo Gap, S. D.
Marsieno, P., San Francisco, Cal.....
Marston & Gilman, Jonesboro, Me.....
Martelle, Cyrille, St.Theodore d'Acton,Que.
Martin, Alex., Conshohocken, Pa.....
Martin, C. W., New York.....
Martin, D. Shirley, Eldorado, Kan.....
Martin, Jos., Braddock, Pa.....
Martin, M. M., Pawnee, Ill.....
Martin, W. C., Bowling Green, Ohio.....
Martin, W. H., Barrington, N. H.....
Martin, W. N., Trussville, Ala.....
Martin & Gardiner, Colusa, Cal.....
Martinez, Manuel, v J. M. Deal, San Pedro del Gallo, Mex.....
Martinez y Leal, San Pedro del Tallo, Mex.
Maryland Granite Co., Baltimore, Md.....
Maryland Soapstone Co., Mariottsville, Md.
Mason, C. H., Malden, Mo.....
Mason City Stone Co., Mason City, Iowa..
Mason New Hampshire Gr. Co., New York.
Massachusetts B. Stone Co., Boston, Mass.
Masson, J. & Co., Quincy, Mass.....
Mast, John, Junction, Ohio.....
Masters, P., Flag, Ohio.....
Masterson, D. E., Red Bluff, Cal.....
Mastin & Sterns, Humboldt, Iowa.....
Mathes, Fred., Pella, Iowa.....
Matheson, A. J., Perth, Ont.....
Matheson, Rexton & Co., Barre, Vt.....
Mathew Gault & Son, Guilford, M.....
Mathews, R., Lower Lake, Cal.....
Mathews & Baker, Quincy, Mass.....
Mathewson, F. L., Harrisville, R. I.....
Mathewson, J. W., Greenville, R. I.....
Mathison, John, Deer Lodge, Mont.....
Mathison, M. P., Milford, N. H.....
Matoon, D. E., Plymouth, Conn.....
Mattheson, John, London, Ont.....
Matthews Bros., Ellettsville, Ind.....
Mattson, O. W., Livingston, Mont.....
Maudeville, I., St. Paul d'Industrie, Que..
Maulfair & Forney, Annville, Pa.....
Maumy & Ross, New York.....
Maurer, L. C., Pearl, Ohio.....
Mavin, D. W., Syracuse, N. Y.....
Maxwell Blue Stone Co., Cleveland, Ohio.
Maxwell, C., New York.....
Maxwell, C. W. & Co., Glenevre, Pa.....
Maxwell, J. & Son, New York.....
Maxwell, McClarren & Son, Iberia, Ohio..
Maxwell, R., South Euclid, Ohio.....
Maxwell, Rolf & Co., Cleveland, Ohio.....
Maxwell & Dempsey, New York.....
May Brownstone Co., Manassas, Va.....
May, Jos., St. Louis, Mo.....
May & Clark Mg. Co., Bangor, Cal.....
May & Shanner, Pottstown, Pa.....
Mayer, Dr. I. H., Lancaster, Pa.....
Mayer, R. & Co., New York.....
Mayo, N. E., Pigeon Cove, Mass.....
Mayo & Tarney, Wonewoc, Wis.....
Mayville White Lime Wks., Mayville, Wis.
Mead, J. D., Greenwich, Conn.....
Mead, T. W., Bigelow, Kan.....
Meade, P. F., Holyoke, Mass.....
Means, D. L., Arkansas City, Kan.....
Means, Kyle & Co., Hanging Rock, Ohio..
Medall, S. G., Marion, Mass.....
Medina Stone Quarry Co., Appleton, Wis..
Meier, G. & Co., New York.....
Meiners, B., New York.....
Melcher & Hedley, Barre, Vt.....
Melendy, Jno. B., Milford, N. H.....
Mellville, John, Westerly, R. I.....
Menard, Gardien, Sault au Recollet, Que..
Menominee Falls Q. Co., Milwaukee, Wis.
Meramec Onyx & Metal Co., Boston, Mass.
Mercer, Geo. E., Bowling Green, Ohio...
Mercer Stone & G. Co., Pleasant Hill, O..
Merchant, J. C. & Son, Jerome, Ohio....
Meriam, F. A. & Co., Boston, Mass.....
Merkel, A., Moselem, Pa.....
Merkel, Mrs. K., Independence, Ohio.....
Merrihew, Stephen, Mattapoisett, Mass...
Merrill, G. G., Shelburne Falls, Mass.....
Merrill, I., Athol Center, Mass.....
Merrill, Nathan, Milford, N. H.....
Merrimac Polish Co., Penacook, N. H.....
Merritt, W. H., Schooner Point, Ind.....
Merry Mountain Gran. Co., Quincy, Mass.
Mesnard & Co., Clarksfield, Ohio.....
Mess, Andrew, Kilbourn, Wis.....
Messner, Martin, Newtonville, Mich.....
Metcalf, Orlando, Colo. Springs, Colo....
Metcalf, W. A., Steelville, Mo.....
Metlar, W. S., San Francisco, Cal.....
Metropolitan Steam Stone Wks, New York.
Metropolitan Stone Co., S. L. City, Utah.
Metzger, C., Buffalo, Iowa.....
Mexican Marble & Onyx Co., Chicago, Ill.
Mexican Onyx Co., Denver, Colo.....
Meyer, Geo., Cawker City, Kan.....
Meyer, H., Elkader, Iowa.....
Meyerding, F., Morgan, Minn.....
Meyers, A., New York.....
Meyers Bros., Sherman, Pa.....
Meyers, J., Inglewood, Ont.....
Meyers, Jos., Seneca, Kan.....
Miars, I. F., Wilmington, Ohio.....
Michelson, Jno., Mt. Eden, Cal.....
Michelson, P., Mt. Eden, Cal.....
Michigan Stone Co., Stonypoint, Mich....
Michigan Stone & Sup. Co., Detroit, Mich.
Middendorf & Donald, Richmond, Va.....
Middlesex Quarry Co., Portland, Conn....
Middleton, J. T., Hamilton, Ont.....
Middleton, P., Ancaster, Ont.....
Middletown & Hummelstown Stone Co., Hummelstown, Pa. .....
Milbourne & Harbison, Findlay, Ohio.....
Miles, G. N., Northampton, Mass.....
Milford Granite Co., Milford, Mass.....
Milford Granite Co., Milford, N. H.....
Milford, J. J., West Quincy, Mass.....
Milford Pink Granite Co., Milford, Mass..
Millard, J. B., Lebanon, Pa.....
Millbridge Paving Co., Millbridge, Me....
Miller, A., Truro, N. S.....
Miller, A. G., Venice, Ohio.....
Miller Bros., Jersey Mills, Pa.....
Miller, Chas., Romona, Ind.....
Miller, Chas., St. John, N. B.....
Miller, C. L., Appleton City, Mo.....
Miller Creek L. & L. Co., Thomasville, Col.
Miller, F. B., Enon, Ohio.....
Miller, G. A., Schell City, Mo.....
Miller, Geo., Sumneytown, Pa.....
Miller, J., Quincy, Cal.....
Miller, John, & Sons, Cincinnati, Ohio....
Miller, John T., Euphenia, Ohio.....
Miller, J. T., Bluehill, Me.....
Miller, Peter, Pittsburg, Pa.....
Miller, R., Brooklyn, N. Y.....
Miller, Samuel, Barker, Pa.....
Miller, Thos., Glen Gardner, N. J.....
Miller, W. F., Sykesville, Md.....
Miller & Luce, Quincy, Mass.....
Miller & McCall, Americus, Ga.....
Miller & Warden, Pulaski City, Va.....
Mills Bros., Springfield, Ohio.....
Mills, A. K. & Son, Ottawa, Ont.....
Mills, A. W., New York.....
Mills, C. J., Cleburne, Kan.....
Mills, James, McPherson, N. S.....
Mills, W. P., Beta, N. C.....
Millstone Granite Co., Niantic, Conn.....
Milne, Chalmers & Co., Quincy, Mass....
Milne, Clarihew & Grey, Barre, Vt.....
Milne, Coutts & Co., St. George, N. B....
Milne & Gordon, St. Louis, Mo.....
Miltemore, C. K., Iola, Wis.....
Miminzer, Jos., Delmount, Ohio.....
Mine Hill Qy. Co., Roxbury Sta., Conn....

Mine Hill Stone Co., Roxbury Sta., Conn..
Minnehaha Granite Co., Chicago, Ill.....
Minn. Gr. & Mar. Wks., Minneapolis, Minn.
Minn. Gr. & Polishing Co., Minneapolis.
Minn. State Reformatory, St. Cloud, Minn.
Minn. Stone Co., Minneapolis, Minn.....
Mishler, Isaac, Mishler, Ohio.....
Miskel, E. L., Hubbell, Neb.....
Missouri Granite Co., Knob Lick, Mo.....
Missouri Marble Co., St. Louis, Mo.....
Missouri Marble Q'ry Co., St. Louis, Mo..
Missouri Stone Co., St. Louis, Mo.....
Mitchal, John, Putnam, Conn.....
Mitchel, J. R., Woodland, Cal.....
Mitchell Granite Co., Quincy, Mass.....
Mitchell, Henry, Newtown, Pa.....
Mitchell, J. B. & Co., Richmond, Va.....
Mitchell, Wm., Springfield, Mass.....
Mitchell, Wm., Sulphurhill, Ind.....
Mitchell, W. O., Corning, Iowa.....
Mitchell & Smith, Tacoma, Wash.....
Mitton, Ben. G., Philadelphia, Pa.....
Mock, Colvin, Barnesville, Ohio.....
Moellering, Wm., Fort Wayne, Ind.....
Mogk, W., Brooklyn, N. Y.....
Mohegan Granite Co., New York.....
Mohr, Jno., Dundee, Ohio.....
Mohring, Wm. M., Benmiller, Ont.....
Moin Granite Co., West Derby, Vt.....
Moir Granite Co., Beebe's Plain, Que.....
Mollett, Benj., Bluffton, Ohio.....
Monahan & Breen, West Quincy, Mass....
Monarch Coal Co., Dennison, Ohio.....
Monarch Stone Quarry, Milwaukee, Wis..
Moncton Freestone Co., Moncton, N. B...
Mongnagon Stone Quarries, Detroit, Mich.
Monk, W. G., New York.....
Mono Mar. & Onyx Co., Carson City, Nev.
Monroe Co. Oolitic St.Co., Bloomington, Ind.
Monroe Stone Co., Mansfield, Ohio.....
Monson Granite Co., Monson, Mass.....
Mont. Mar. & Mg. Co., Montgomery C'y, Mo.
Monterey de Municipio, Monterey, Mex..
Montgomery, M., Silvara, Pa.....
Montgomery, T. J., Manhattan, Colo.....
Montour Quarry Co., Danville, Pa.....
Montreal Lime Co., Montreal, Que.....
Montreal L. & T. Co., Cote St. Louis, Que.
Montreal Quarry Co., Montreal, Que.....
Moody, P., Comanche, Tex.....
Moody, W. B., Rockdale, Tex.....
Moody, W. T., Warsaw, Mo.....
Mooher Bros., New York.....
Moon, Hosea, Bellpoint, Ohio.....
Moon, J. A., Exeter, N. H.....
Moon, S. A., Bellpoint, Ohio.....
Mooney, T., Walsenburg, Colo.....
Moons & Co., Cold Springs, Ohio.....
Moore, A., & Co., New Bedford, Mass....
Moore, D. I., Toronto, Ont.....
Moore Granite Co., Newport, Vt.....
Moore, Jos., Wellsville, Mo.....
Moore, J. S., Hiawatha, Kan.....
Moore, S. A. & Son, Belleville, Ont.....
Moore, T. W., Peterboro, Ont.....
Moore, W. B., Palmyra, Mo.....
Moore & Ramsay, Orangeville, Ont.....
Moore & Turner, Quincy, Mass.....
Moores Lime Co., Cincinnati, Ohio.....
Mooring, Henry, Lanesville, Mass.....
Moran, A. E., New York.....
Moran, D., New York.....
Moran, J.D.Mfg.&.Cons. Co., St.Paul, Minn
Moran, J. W., Brooklyn, N. Y.....
More, C. H. & Co., Barre, Vt.....
Morehouse, R., Northville, Conn.....
Morin, D., Les Dalles, Que.....
Morr, J. F., Santa Barbara, Cal.....
Morris, A., Jr., Tyrone, Pa.....
Morris, A. G., Kearneysville, W. Va.....
Morris, A. G. & Co., Avondale, Pa.....
Morris Bennett Stone Co., Irvington, Ky..
Morris, J. W., Santo, Tex.....
Morris, L. I., Brighton, Iowa.....
Morris & Pratt, Charleston, Mo.....
Morrison Bros., Barre, Vt.....
Morrison Bros., St. Andrew, N. S.....
Morrison, J. & D., Long Island, N. Y...
Morrison, William, Watertown, N. Y.....
Morron & Forbes, St. Johnsbury, Vt.....
Morrow, W. D., St. John, N. B.....
Morschel, C., St. Louis, Mo.....
Morse, A. D., Barre, Vt.....
Mortimer, I., Victoria, B. C.....
Mortimer, Wm., Barre, Vt.....
Mosely & Pratt, Morven, N. C.....
Moser, R. G. & Co., Boston, Mass.....
Moses, Ferdinand, St. Genevieve, Mo....
Mosher, Alfred, New Milford, Pa.....
Moslen, S., Hartford, Conn.....
Mount Airy Granite Co., Greensboro, N C.
Mt. Vermont Granite Co., Quincy, Mass..
Mt. Vernon Stone Co., Mt. Vernon, Iowa.
Mt. Waldo Granite Co., Franklin, Me....
Mountain Lime Co., Applegate, Ore.....
Mountain Stone Co., Salt Lake City, Utah.
Mountain Stone Quarry, Park City, Utah.
Mourin, Philip, Zanesville, Ohio.....
Mower Bros., New York.....
Mower & Co., Roxbury Station, Conn.....
Mowlen, G. & Son, Brooklyn, N. Y.....
Moyle, John, Sharon, Mass.....
Mudge, W. H. & Son, Concord, N. H.....
Mueller, Gustave M., & Co., Cincinnati, O.
Mueller, J. B., Farmington, Mo.....
Mueller, John, Langford, Ky.....
Mueller, John M., Cincinnati, Ohio.....
Mueller, Philip, Washington, Mo.....
Mueller, Wm., Washington, Mo.....
Muhs, Fred., Louisville, Ky.....
Muir & Russell, Springfield, Mass.....
Mujan Lime Co., Kansas City, Kan.....
Mulky, Benton, Corvallis, Ore.....
Mulligan, J. J., New York.....
Mulvanty, Thos., Nashua, N. H.....
Muncee, W. R., Clay City, Ind.....
Munro, James, St. Catharine's, Ont.....
Murhead, Robt., Jersey City, N. J.....
Murphy, A. A., Sound, Me.....
Murphy Bros., West Concord, N. H.....
Murphy, D. & T., Joliet, Ill.....
Murphy, Geo., Catahact, Ont.....
Murphy, Hugh, Omaha, Neb.....
Murphy, J. H., Flemington, N. J.....
Murphy, John, Barrington, R. I.....
Murray, Alex., Westerly, R. I.....
Murray, Archie & Co., Westerly, R. I.....
Murray, Mrs. C. B., Liverpool, N. Y.....
Murray, Thomas, Inglewood, Ont.....
Murray & Bird, Westerly, R. I.....
Mussey, H. E. & Co., Elyria, Ohio.....
Mussey Stone Co., Cleveland, Ohio.....
Mycenian Marble Co., New York.....
Myers, Wm., Woonsocket, R. I.....
Myers & Gorrell, Bluffton, Ind.....
Mylar, T. J., King City, Cal.....
Mynes T. Cotta & Brick Co., Toronto, Ont.
Mystic Granite Co., Phoenix, Md.....
Mystic Silex Works, Mystic, Conn.....
Nagel, Chas., Lyons, Iowa.....
Nagle, G. & Co., Pottstown, Pa.....
Nagle, H. W., Pottstown, Pa.....
Nanaimo Marble Works, Nanaimo, B. C..
Nand, Damase, St. Alban, Que.....
Nand, Francois, St. Alban, Que.....
Nash, W. G., Boston, Mass.....
Nast Bros., Marblehead, Wis.....
Nation & Farr, Eaton, Ohio.....
National Brick & Tile Co., Bradford, Pa..
National Granite Co., Barre, Vt.....
National Rock Co., Salt Lake City, Utah.
Nawn, Thos., West Concord, N. H.....
Nease, N. B. & Co., Saginaw, E. S., Mich.
Nebraska Stone Quarries, Omaha, Neb....
Nebraska & Cal. Stone Co., Omaha, Neb..
Neeb, F. C., Lancaster, Ohio.....
Neff, E. B. & Son, Slatington, Pa.....
Neff, W. J., Weavers Station, Ohio.....
Nelson Island Granite Co., Victoria, B. C.
Nelson, John, Minneapolis, Minn.....
Nelson, W. H., New York.....
Nelson & Larson, St. Cloud, Minn.....
Nelligan, P. J., Ware, Mass.....
Nesbitt, Harrison, Larksville, Pa.....
Neshaning Falls Stone Co., Phila., Pa...
Neshobe Marble Co., Brandon, Vt.....
Nester Blue Stone Co., New York.....
Nethercut, Jordan, Bryant, Ark.....
Nevins, J. P., Dover, N. J.....
Nevins, T. & Son, Orange, N. J.....
New, E. G., Lithonia, Ga.....
Newall, D. & I., Niantic, R. I.....
Newbald, J. A., Russellville, Mo.....
New Brunswick Freest.Co., Hopewell, N.B.
New Br'nsw'k Red Gr.Co.of Me., Calais, Me.
New Brunswick Red Gr.Co., St.George, N.B.
Newcastle Sandstone Co., Nanaimo, B. C.
New England Brown Stone Co., Cromwell, Conn. .....
New England Granite Co., Concord, N. H.
New England Granite Co., New York.....
New Eng. Granite Wks., Hartford, Conn.
New Eng. Granite Wks., Westerly, R. I..
New England Mfg. Co., Cranston, R. I...
New Eng. Stone Co., Cambridgeport, Mass.
New Eng. & South. Land Co., Lynn, Mass.
New Eng. & West. Granite Co., New York.
Newell, Joseph, Westerly, R. I.....
Newhall, H. A., Peabody, Mass.....
Newhall, T. R., Lynnfield, Mass.....
New Jersey Brownstone Co., Paterson, N.J.
Newman Bros., West Sullivan, Me.....
Newman, Geo., Trivole, Pa.....
Newman & Wing, Napa, Cal.....
New Paris & Richmond Qy., New Paris, O.
New Pedrara Onyx Co., New York.....
Newport Stone Works, Newport, R. I....
Newton, C. F., Wathena, Kan.....
Newton, Henry, San Antoine, N. Mex....
Newton, Jas., Limehouse, Ont.....
Newton, J. D., Beattie, Kan.....
Newton, R. H., Woodland, Cal.....
Newton & Fitzgerald, Beattie, Kan.....
New York Freestone Qy. Co., New York..
New York Quarry Co., Tucahoe, N. Y....
N. Y. & Me. Granite Paving Co., NewYork.
N.Y. & Me. Paving Block Co., Frankfort, Me.
N. Y. & N. J. Gr. & Pav. Co., New York.
N.Y.& Waterb'y M.Wks., Waterbury, Conn.
N.Y. & Wyoming Val.St.Co., Meshoppen, Pa.
New Ulm Stone Co., New Ulm, Minn.....
Nibio, J. A., Milan, Mo.....
Nichodemus, J., North Clayton, Ohio.....
Nichodemus, O., North Clayton, Ohio....
Nicholas, James, & Co., Harrodsburg, Ind.
Nichols, G. H. & Co., Lennoxville, Que...
Nicholls Granite Works, Quincy, Mass....
Nickel, Jacob, Excello, Ohio.....
Nickel, R. E., Acton, Cal.....
Nickerson, R., Provincetown, Mass.....
Nicoson, L. C., Alexandria, Ind.....
Niemes & Reimann, East St. Louis, Ill..
Niggli, Witte, San Antonio, Tex.....
Nightingale, R., Nanaimo, B. C.....
Niles, A. B., Union Springs, N. Y.....
Niven, Wm., New York.....
Nixon, J. S., Rehoboth, Ohio.....
Noakes & Prather, Parsons, Kan.....
Nobes, Isaac, Lockport, Ill.....
Noel, F. W., Redfield, Iowa.....
Nolan, John, New Britain, Conn.....
Nomell, S. K., Methuen, Mass.....
Noolan, P., Mifflin, Wis.....
Norcross Bros., Braggville, Mass.....
Norfolk Granite Co., West Quincy, Mass..
Norfolk Marble & Phos. Co., Norfolk, Va..
Norman, J. J., Graysville, Ga.....
North Acton Granite Co., N. Acton, Mass.
North American Lith. St. Co., New York.
North Amer. Pyrogranite Co., New York.
North Bedford St. Co., Bloomington, Ind.
North Sioux Falls St. Co., Sioux Falls, S.D.
North Western Gran. Co., St. Cloud, Minn.
Northwestern St. & M. Co., Detroit, Mich.
Northern Granite Co., St. Cloud, Minn..
Northern Mich. M. Co., Foster City, Mich.
Northern Stone Co., Chicago, Ill.....
Northumberland Stone Co., Shediac, N. B.
Norris, H. C., Lime & S. Co., Marion, O.
Norton, C. S., Blue Stone Co., Bedford, Ind.
Norton, H. H., North Tisbury, Mass.....
Norton, H. L. & Co., Cottage City, Mass.
Norse & Beale, West Quincy, Mass.....
Norwood & Pugh, Warrenton, N. C.....
Notts Cons.M., Iron & Talc Co., Kinsey, N.C.
Nuffer, Fred., Franklin, Idaho.....
Nugent & Toole, Worcester, Mass.....
Nutting, Jno. F., San Francisco, Cal.....
Nye, C. D., Sugarridge, Ohio.....
Nye, G. B., Marion, Mass.....
Nye, H. C., Barre, Vt.....
Nye, H. E., Foster Center, R. I.....
O'Brien & McNeal, West Quincy, Mass....
O'Brien, Michael, Conshohocken, Pa.....
O'Brien, R. E., Siluria, Ala.....
O'Brien, Thos., New York.....
O'Connor, Pat., Stevens Point, Wis.....
O'Connor & Weatherland, Pawtucket, R. I.
O'Donnell Bros., Sandusky, Ohio.....
O'Grady, M., Hamilton, Ont.....
O'Keefe, C., Granite Mountain, Tex.....
O'Neil & Co., Westerly, R. I.....
O'Neill, F. & Son, Jenkintown, Pa.....
O'Neil, J., New York.....
O'Neil, Jno., Eureka, Cal.....
O'Neill, Wm. O., Prescott, Ariz.....
O'Malley, P. J., Cincinnati, Ohio.....
O'Mora, Jno. H., New Lisbon, Ohio.....
O'Rourke Bros., Northumberland, N. H..
O'Rourke Bros., Salem, Mass.....
O'Rourke, J., Barre, Vt.....
O'Rourke, J., Orange, N. J.....
Oakes, Levi, New Richmond, Wis.....
Oak Hill Granite Co., Belfast, Me.....
Oak Hill Gran. & Mar. Co., San Jose, Cal.
Oakland Pav. Co., Oakland, Cal.....
Oakland Rock Co., Oakland, Cal.....
Oatley, J., East Killingly, Conn.....
Oenning, J. B., Fountain City, Wis.....
Ogden, C. G. & Co., Swarthmore, Pa.....
Oglesby, W. T., Lumberton, Ohio.....
Ohio Bit. Rock Co., Big Clifty, Ky.....
Ohio Stone Co., Cleveland, Ohio.....

QUARRIES—Continued.

Ohlemacher Lime Co., Sandusky, Ohio...
Olive Furnace Co., Olive Furnace, Ohio..
Old Dominion Stone Co., Philadelphia, Pa.
Oldfield, J. E., Maitland, Mo.....
Olmstead & Stopas, Oakfield, N. Y.....
Olney Granite Co., Wickford, R. I.....
Oman, John, Nashville, Tenn.....
Oneida S. Quarries, Nelles Corners, Ont...
Ontario Lime Ass'n, Toronto, Ont.....
Oolitic Stone Co., Bedford, Ind.....
Oolitic St.Co.of Monroe Co.,Clearcreek,Ind.
Oolitic Stone Co. of Ind., Clearcreek, Ind.
Oolitic Stone & Lime Co., Romona, Ind..
Oolitic Quarry Co.,Romona, Ind.....
Opel, Richard, Westerly, R. I.....
Opie & Cady, Mystic, Conn.....
Oram, David P., Sulphur Grove, Ohio....
Ordaz, Francisco, Jequelpan, Mex.....
Ordway, S. S. & Co., White River Jct., Vt.
Ore, Henry, Quincy, Cal.....
Oregon Bit. Rock Co.,San Luis Obispo,Cal.
Oregon Marble & Lime Co., Portland, Ore.
Oregon Pav. & Con. Co., Portland, Ore..
Ormand, R. D., Old Furnace, N. C.....
Ormstown Bk. & T. Cotta Co.,Ottawa,Ont.
Orom, J. C., Brandon, Vt.....
Orr, Jas. R., Cedarville, Ohio.....
Ortiz, Manuel, Taipa, Mex.....
Orville Marble Co., Clarendon Spgs., Vt.
Osborn, James, Marmora, Ont.....
Osborne, A. C., Danbury, Conn.....
Osborn, Wm. F., Louisville, Ky.....
Osborne, C. S., Collinsville, Conn.....
Osborne, W. E., Wasioja, Minn.....
Osborne, W. H., Willimantic, Conn.....
Osgood, A. G., Athol, Mass.....
Oshkosh Quarry Co., Oshkosh, Wis.....
Ossipee Valley Granite Co., New York....
Osterhondt, J., New York.....
Osterloh, H., San Francisco, Cal.....
Oswegatchie Q'ry Co., Ltd., Detroit, Mich.
Otis, A. W., Perry, Iowa.....
Otter Creek Granite Co., Montserrat, Mo..
Otto, P., New York.....
Ough, John, Collingwood, Ont.....
Owen, Daniel & Son, Owen, Ohio.....
Owen,McDonald & Arend,Hillsboro,N.Mex.
Owen Oolitic Stone Co., Spencer, Ind....
Owen, T. P. & Son, Quincy, Mass.....
Owen, T. R., Boulder, Colo.....
Owen, W. T., Hannibal, Mo.....
Owens, J. D., Owen, Ohio.....
Owens, Michael, West Quincy, Mass.....
Owens, Thos., Delaware, Ohio.....
Owen S. Stone Co.,Ltd.,Owen Sound, Ont.
O. S. St. Qyg. & Con.Co., Owen Sound,Ont.
Oxford Granite Co., Welchville, Me.....
Ozark S. & Lime Co., Kansas City, Mo....
Pacific Coast Cons. Co., Eureka, Cal.....
Pac. Mar. & Gran. Co., Los Angeles, Cal..
Pacific Paving Co., San Francisco, Cal....
Pacific Stone Co., San Francisco, Cal....
Padilla, J. M., Belen, Tex.....
Page, Wm. H. & Co., Haverhill, N. H....
Painter, Russel, Riverton, Ore.....
Palmer, H. A., St. Charles, Minn.....
Palmer, J. B., Biddeford, Me.....
Palmer, J. H. B., Bow, N. H.....
Palmer, L. P., Graniteville, Mass.....
Palmer, W. H., Warrensburg, Mo.....
Palmer, Carpenter & Co., Saltville, Va...
Palmer & Co., Catlin, Ill.....
Palmer & Sterling, Augusta, Kan.....
Palisades Trap Rock Co., New York.....
Palmyra Lime Co., Palmyra, Tenn.....
Pannack, E. E., Madison, Wis.....
Paran Bros., Lincoln, Cal.....
Park, J. A., Saltillo, Pa.....
Park, Lorenzo, Greenfield, Mass.....
Park & Dunbar, Barre, Vt.....
Park & Gates, Bluehill, Me.....
Park & Park Stone Co., Pittsburg, Pa...
Parke Co. Brownstone Co., Mansfield, Ind.
Parke & Lacy Co., San Francisco, Cal...
Parker, A., Est., E. Cambridgeport, Mass.
Parker, B. A., North Berwick, Me.....
Parker, Dennis, Cascade, Iowa.....
Parker, E., Phillips, Me.....
Parker, Earl & Co., Pleasanthill, Mo.....
Parker, Geo. F., Milford, N. H.....
Parker, H.A. & B.E., East Pepperell,Mass.
Parker, Thomas, Jersey Mills, Pa.....
Parkhurst, H. N., Barre, Vt.....
Parkinson, John, Pepin, Wis.....
Parkinson, J. F., Palo Alto, Cal.....
Parks, Robt., Troy, Ont.....
Parmalee, J. H., Bridgeport, Conn.....
Parry, E. L. & Sons, Manti, Utah.....
Parry, W. D., Marble, Colo.....
Parsons & Richards, Kerrville, Tex.....
Pasadena Lumb. & Fuel Co.,Pasadena,Cal.
Passaic Quarry Co., New York.....
Patchen, R. I. & Son, Birmingham, Conn.
Patrick, Wm., Midland, Mich.....
Patrick & Waters, Gomer, Ohio.....
Patten, S. M., Hymera, Ind.....
Pattens Hollow Marble & Granite Co., Amesbury, Mass.....
Patterson Bros., Ada, Ohio.....
Patterson, S. F., Fincastle, Va.....
Patterson, T. H., Joliet, Ill.....
Patterson & Co., Louisville, Neb.....
Pattullo, Joseph, Orangeville, Ont.....
Paulin, E. & Co., Cannelton, Ind.....
Pauley & Whitley, Romona, Ind.....
Paull, Chas., Dodgeville, Wis.....
Paxon, W. S., Lumberville, Pa.....
Paxton, Geo. W., Hunter's Run, Pa.....
Paxton, J., College Corner, Ohio.....
Payne, A., Ashersville, Ind.....
Payne, J. W. A., Cowans Ford, N. C....
Payne, Mrs. S., Warsaw, Ont.....
Payne & Son, Lime Kiln, Cal.....
Peabody, L. O., West Concord, N. H.....
Peach, Oliver, Granite, Md.....
Peachblow Sandstone Co., Aspen, Colo....
Peake Bros., Spring Valley, Wis.....
Pearce, W. H., Greenwood, S. C.....
Pearce Gran. & Constr. Co.,Salisbury,N.C.
Pearce Granite Works, Conyers, Ga.....
Pearson, A. N., Barre, Vt.....
Peatt, Don., West Liberty, Ohio.....
Peck, Daniel, Gouverneur, N. Y.....
Peck, Henry E., Winchendon, Mass.....
Peck, L. B. & Co., Brandon, Vt.....
Peck & Harris, Brandon, Vt.....
Pecora, D. G., New York.....
Pecos Red Sandstone Co., Pecos, Tex.....
Pedrick, Thomas, Downingtown, Pa.....
Peele, J. R., London, Ont.....
Peerless Stone Co., Bedford, Ind.....
Peerless Limestone Co., Hyndman, Pa....
Peerman, O., Otter River, Va.....
Pellett Bros., Worcester, Mass.....
Pelteer, E. D., Scotts Crossing, Ohio.....
Penball, J. P., Salem, Mass.....
Pengelly, J. H., Leamington, Ont.....
Pennsylvania Gran. Co., Philadelphia, Pa.
Pennsylvania Lime & St. Co., Devault,Pa.
Pennsylvania Mining, Manufacturing & Supply Co., Toronto, Ohio.....
Perez, Jose M., Jequilpam, Mex.....
Perez, Marin y Fenochio, Magdalena Apasco, Mex.....
Perham, Newton, Milford, N. H.....
Perine, N. P., Contracting & Paving Co., San Francisco, Cal.....
Perkins, Paul, Ashland, N. H.....
Perkinson Bros. Constr. Co., St. Louis,Mo.
Perrin, Prosper, Clarence, Iowa.....
Perrott & Delanty, Coburg, Ont.....
Perrusse, L., St. Alban, Que.....
Perry Bros., Rockland, Me.....
Perry, G. K., Ellettsville, Ind.....
Perry, Rachel, Peapack, N. J.....
Perry, W. H., Concord, N. H.....
Perry, Matthews & Buskirk, Bedford, Ind.
Perryville Granite Co., Perryville, Md....
Pestdorf, D. & Co., Mt. Eden, Cal.....
Pester, J., Waynesburg, Pa.....
Peters, E., Est., Philadelphia, Pa.....
Peters & Adie, Barre, Vt.....
Peters & Motley, Grand Rapids, Ohio.....
Petersburg Gr. Q'ying Co., Petersburg,Va.
Peterson, F. G., Salt Lake City, Utah....
Peterson, John, Cheyenne, Wyo.....
Petoskey Lime Co., Bay Shore, Mich.....
Petticien & Bro., Springfield, Ohio.....
Pettingill, G. W. & Son, Swans Island, Me.
Pevard, A., Pendleton, Ore.....
Pevrin, Wm., Cottonwood Falls, Kan.....
Pfeiffer, Jno., Hillsdale, Cal.....
Pfeiffer Stone Co., St. Joseph, Mo.....
Phelps, A. I., Goffstown, N. H.....
Philadelphia & Conshohocken Stone Quarry Co., Philadelphia, Pa.....
Phillips, A. & A. C., Avondale, N. J....
Phipps, Daniel, Holliston, Mass.....
Phillips, Harry, Concord, N. H.....
Phillips, J. E., Victoria, B. C.....
Phillips, J. & F., Worcester, Mass.....
Phillips, J. E. B. & Sons, Waynesburg, Pa.
Phillips, Thos., & Son, New Haven, Conn.
Phoenix Marble Co., Knoxville, Tenn.....
Phoenix Stone Co., Chicago, Ill.....
Picard, Grile, Sault au Recollet, Que.....
Picard, I., Fallriver, Mass.....
Pickel, Jacob, Warrensburg, Mo.....
Pickett Coal Co., Beverly, Mass.....
Pickle Stone Co., St. Louis, Mo.....
Pickwick Granite Wks., Granite, Md.....
Picolet, A., Wamego, Kan.....
Piedmont Imp. Co., Piedmont, S. D.....
Piedmont Marble Co., Atlanta, Ga.....
Pierce, B. D., Jr., Co., Bridgeport, Conn.
Pierce, Geo., Onalaska, Wis.....
Pierce, Hayward, Frankfort, Me.....
Pierce, H. M., Turner, Ind.....
Pierce, J., New York.....
Pierce, John, New York.....
Pierce, J. E., Winchester Center, Conn...
Pierce, J. M., Rogersville, Tenn.....
Pierrugues, J. M., Santa Cruz, Cal.....
Pierson, L. H., Chester, N. J.....
Pigeon Hill Granite Co., Rockport, Mass..
Pike, R. D., Bayfield, Wis.....
Pike Mfg. Co., Pike Station, N. H.....
Pike & French, North Adams, Mass.....
Pilcher, J. H., McArthur, Ohio.....
Pine, E. B., Atascosa, Tex.....
Pings Bros., Sauk City, Wis.....
Pink Granite Co., Salisbury, N. C.....
Pinnelli, A., Sonoma, Cal.....
Pinney, G. D., Ludlow, Vt.....
Pinns, Jno., Scottown, Ohio.....
Pioneer Granite Co., Cincinnati, Ohio.....
Pioneer Sandstone Co., Salem, Ore.....
Pioneer Stone Co., Salem, Ore.....
Pipe Stone Quarry Co., Pipestone, Minn...
Pittsburg Limestone Co.,Williamsburg,Pa.
Pittsburg Stone Co., Pittsburg, Pa.....
Pittsburg Supply Co., Pittsburg, Kan....
Place, Wm., Platteville, Wis.....
Place & Gerdts, Platteville, Wis.....
Pleasant River Granite Co., Portland, Me.
Plum, Phillip, Chippewa Falls, Wis.....
Plummer Bros., Centerville, Cal.....
Plummer, C. M., Port William, Ohio.....
Plummer, O. C., Forest City, Mo.....
Plymire, J. A. & Sons, Vallejo, Cal.....
Plymire, W. H., Marysville, Cal.....
Plymouth Granite Co., Thomaston, Conn..
Plymouth Granite Quarry, Lakeport, N. H.
Poland, J., Summertown, Tenn.....
Poeschell, John, Durand, Wis.....
Poince, C. V., Fidelity, Ohio.....
Pt. Pleasant St. Qy., Point Pleasant, O..
Poling, J., Tiffin, Ohio.....
Polk Co. Mg. Co., Cedartown, Ga.....
Polk Co. Quarry Co., Dallas, Ore.....
Pollock, Wm., Tara, Iowa.....
Pompton Granite Co., Paterson, N. J....
Ponemah Gr. Qy. Mfg. Co., Milford, N. H.
Poole, T. Alfred, Perth, Ont.....
Pooles Gran. & Marble Co., Clinton, Mass.
Popham, J., Black River Falls, Wis.....
Portage Entry Quarries Co., Chicago, Ill.
Portage Red Sandst. Co.,Newtonville,Mich.
Port Deposit Stone Co. of Harford, Port Deposit, Md. .....
Porphyry Pav. Co., Los Angeles, Cal.....
Porter, Jas., Connellsville, Pa.....
Porter Coal Co., Porter, Colo.....
Porter, E. & Sons, Stone Co., Joliet, Ill...
Portland Lime Co., St. John, N. B.....
Potomac Red Sandst. Co.,Washington,D.C.
Potsdam Red Sandstone Co., Potsdam,N.Y.
Potter, Chas., Orange, Mass.....
Potter, E. A., Spring Hill, N. S.....
Potter, H. M., New York.....
Pouri, R. F., St. Charles, Mo.....
Poutas, John, Weston, Mass.....
Powell, C., Hazael, Ohio.....
Powell, Daniel, Marquette, Mich.....
Powell, H. L., Chester, Pa.....
Powell, W. M., Pt. Pleasant, Ohio.....
Powell, G. & Son, London, Ont.....
Powell & Mitchell Trap Rock Co., Bruce Mines, Ont. .....
Powerchan, T., Westbrook, Me.....
Powers, W. T., Spearfish, S. D.....
Pozmanzsky, Felix, Rapid City, S. D.....
Pray, J. L. & Son, Whitehouse, Ohio.....
Prendergast, G. G., St. Louis, Mo.....
Prenoveau, F. X., Jr., Cote St. Louis, Que.
Prescott, N. & Co., Graniteville, Mass....
Preston, A., New London, N. H.....
Prentice, Chas., West Upton, Mass.....
Prentice Brown Stone Co., Ashland, Wis..
Price, Amos, Gouglersville, Pa.....
Price, John, Russell, Kan.....
Price, Stewart, Price's Fork, Va.....
Price, Thos., Albany, Wis.....
Price, T. J., Columbus, Ohio.....
Price, W. W., Brampton, Ont.....
Price & Hayter, Rogersville, Tenn.....
Pride, P. P. & Son, Farmington, N. H....
Prim, J., Smedley, Pa.....
Prince, S. F. & Co., South Dorset, Vt....
Pritchard, A. L., New York.....
Pritchard, R. B., Middle Granville, N. Y..

Prout Bros., Quincy, Mass.....
Pruitt, W. D., Sulphur Springs, Tex.....
Puckett, J. L., Bainbridge, Ohio.....
Pueblo de Posontepec, Sultepec, Mex.....
Pugh, Wm., Lima, Ohio.....
Pulver, Horace, Dundee, Mich.....
Pundman, Wm., St. Charles, Mo.....
Purdy, E. F., Charlottetown, P. E. I.....
Purdy & Green, St. John, N. B.....
Puritan Granite Co., Barre, Vt.....
Pusson, F. M., New York.....
Putman, Wm., Middle Stewiacke, N. S....
Putney, Ben T., West Concord, N. H....
Pyke, Samuel, Middle Stewiacke, N. S....
Pyle, Thomas, Cambridge, Ohio.....
Qualey & Co., Quincy, Mass.....
Quarrenburgher, Fred., Greenfield, Ohio..
Quay, J. S. & Son, Iberia, Ohio.....
Quggle, T. A., Le Roy, Kan.....
Quigley, F., Memphis, Tenn.....
Quigley, J., Alvarado, Cal.....
Quimby, J. W., Rumney, N. H.....
Quincy Co-op.Gr.Wks., West Quincy,Mass.
Quincy, Geo., Granite Co., Sparta, Ga....
Quincy Granite Co., West Quincy, Mass..
Quincy Paving & Edge Stone Co., Boston, Mass.....
Quinn Bros., San Francisco, Cal.....
Quinn, Wm. & Co., Barre, Vt.....
Quiroz, Rafael, Jiquilpan, Mex.....
R. W. Granite Co., Concord, N. H.....
Raburn, Thos., Whitfield, Ont.....
Racine, Oliver, West Concord, N. H.....
Railway Gr. & Mar. Wks., Peabody,Mass.
Railway Stone & Ballast Co., Dunkirk, O.
Ramirez, M. G., Jiquilpan, Mex.....
Ramish, H., Ironton, Pa.....
Ramsay, S. A., Calgary, N. W. T.....
Rancamp, H., Toledo, Ohio.....
Rand, E. A. & Son, South Adams, Mass..
Randall, G. W., Wheatland, Iowa.....
Randall & Underwood, New York.....
Randall & Fanner, Statesboro, Ga.....
Randel & Underwood, Starlight, Pa.....
Randolph & Baker, Fairville, N. B.....
Rankin, A. A., Greenfield, Mass.....
Rankin & Ross, Brooklyn, N. Y.....
Rapher Co., Wauwatosa, Wis.....
Rappaneir, C. F., Ellicott City, Md.....
Rasor, Enos, Wadsworth, Ohio.....
Rasor, Wm. & Son, Wengerlawn, Ohio...
Rausch, C. C., Danville, Pa.....
Rawle & Diener, Chicago, Ill.....
Rawnsley & Jackson, New York.....
Rayrroft, H., Barre, Vt.....
Raymer, Samuel, Portage la Prairie, Man.
Raymond, A. W., Raymilton, Pa.....
Raymond Granite Co., Raymond, Cal.....
Raymond, I., Browne, Mass.....
Read, Otto, San Miguel, Colo.....
Read, W. B., Agua Caliente, Cal.....
Reader Stone Quarry, Cleveland, Ohio...
Readland Stone Co., Elkins, W. Va.....
Reagan & Williamson, Lebanon, Mo.....
Reany, Jas., White Sulphur, Ohio.....
Reardon, J., Lawrence, Mass.....
Red Rock Sandst. Q. & M. Co.,Lima,Mont.
Reddington, E., Irving, Kan.....
Redemeyer, J. G., St. Louis, Mo.....
Redfield Quarry Co., Redfield, Iowa.....
Reed, Geo., Graniteville, Mass.....
Reed, Wm., Graniteville, Mass.....
Reed, D. H., Fitzwilliam Depot, N. H....
Reed, T. S., Yarmouthville, Me.....
Reed, D., Bedford, Ind.....
Reed & Co., Tacoma, Wash.....
Reel, Peter, Harrisburg, Pa.....
Reese, T. R., Delmount, Ohio.....
Reeves, E. M., Rapid City, S. D.....
Regenhardt, Wm., Cape Girardeau, Mo..
Rehan, Hugh, Louisville, Neb.....
Reick, Wm., Oshkosh, Wis.....
Reid Bros., Sioux Falls, S. D.....
Reid, Francis, Gloucester, Mass.....
Reid, Robt., Montreal, Que.....
Reigel, F. M., Findlay, Ohio.....
Reilly, Jas., Albany, N. Y.....
Reinhalter, Alphonse, West Quincy, Mass.
Reinhalter Bros., West Quincy, Mass...
Reinheimer, C. E., Buffalo, N. Y.....
Reisner, W. H., Salisbury, N. C.....
Reitz & Co., Portsmouth, Ohio.....
Remick, Mark, Brookfield, N. H.....
Rentzheimer, C. E., Hellertown, Pa.....
Republic Marble Co., Concord, Tenn.....
Reryson, Wm., Swatara Station, Pa.....
Reyes Concepcion, Guanajuato, Mex.....
Reyland, E. E. L., Marble, Colo.....
Reynolds, G. A., Sexton, Ark.....
Reynolds, J. T., Gouverneur, N. Y.....
Reynolds, Patrick, Augusta, Ga.....
Rhea, W. H., Attalla, Ala.....
Rhoades, W. P., Los Angeles, Cal.....
Rhode Island Gran. Wks., Westerly, R. I..
Rice & Co., Kansas City, Mo.....
Rice, M. H., Kansas City, Mo.....
Rice, D., Bear River, N. S.....
Rice, H. J., Milton, Mass.....
Rice, W. M., McKee Gap, Pa.....
Rich & Bond, Barre, Vt.....
Rich & Son, Greenwich, Conn.....
Richard & Fumilty, Glenrock, Neb.....
Richards, T. M., Abilene, Tex.....
Richards, G. C., Middleboro, Mass.....
Richardson, H. C., Helmick, Kan.....
Richardson, W. J., Mount Desert, Me....
Richland Stone Co., Mansfield, Ohio.....
Richmona, S. F., Washington, R. I.....
Richmond Granite Co., Philadelphia, Pa..
Richmond Granite Co., Richmond, Va.....
Richtmann, E., Jr., New York.....
Rickman, J. N., Waverly, Kan.....
Rickard & Hewitt, New York.....
Riddle, C. & Co., Aurora, Ill.....
Ridenor, Albert, College Corner, Ohio.....
Ridow, C. W., Raccoon, Ind.....
Ridway, G., Hartford, Conn.....
Riegel, P. H., Hellertown, Pa.....
Ries, T. P., Cincinnati, Ohio.....
Riffle, Geo. N. & Bro., Littlestown, Pa...
Riggins, W. H., Raglesville, Ind.....
Riggle, H., Cranberry, Md.....
Riggs, C. P., Appleton, Wis.....
Rightsell, T. H., Brazil, Ind.....
Riley & Scanlon, Cobleskill, N. Y.....
Rimer, D. P., Rimer, Ohio.....
Rinehart, J. B., Fulton, Ohio.....
Ring Bros., Thetford Mines, Que.....
Rio, Pedro del, Durango, Mex.....
Rioux, L. L., Duckcreek, Wis.....
Ritch, G. H. & Bros., Pt. Chester, N. Y..
Ritch, W. M. & S. D., Brooklyn, N. Y....
Ritchey, C. W., Hanover, Ohio.....
Ritchie, J. A., Homewood, Pa.....
Ritchie, T. & Son, New York.....
Ritchman & Kerchuer, Fountain City,Wis.
Rittinger Bros., Strong, Kan.....
Ritzler & Greenwold, Stone Bluffton, O..
Rixery, John F., Culpeper, Va.....
Roanoke Blk. Mar. Co., Roanoke City, Va.
Robbie, Leslie, Mason, N. H.....
Robie, H. S., Augusta, Me.....
Robbins Bros., Atlanta, Ga.....
Robbins, J. H., Greens Landing, Me.....
Robbins, J. H., Pendleton, Ore.....
Robbins, Elijah, Wyoming, Pa.....
Robert Bros., Penryn, Cal.....
Roberts, N., Quitman, Mo.....
Roberts, R. N., Waupaca, Wis.....
Roberts, Michael, Jermyn, Pa.....
Roberts, Jones & Roberts, Poultney, Vt...
Robertson, A. & Co., Tenino, Wash.....
Robertson, A., Blenheim, Ont.....
Robertson, A. R., Athens, Ga.....
Robertson, D. & Co., Milton, Ont.....
Robertson, Jas., Louisville, Neb.....
Robertson & Bell, Goderich, Ont.....
Robins Bros., Barre, Vt.....
Robinson & Gilchrist, Rockland, Me.....
Robinson & Gillig, Decatur, Ind.....
Robinson, B. R., Barre, Vt.....
Robinson, J. B., St. Cloud, Minn.....
Robinson, H., Halcottsville, N. Y.....
Robinson, Lobb & Co., Pen Argyl, Pa...
Robinson, W. L., Charlotte, N. Y.....
Robinson, Wm., New York.....
Rochester Medina S. Co., Rochester, N. Y.
Rock Hill Granite Co., Bethlehem, Pa...
Rock Castle Co. Kentucky Blue Stone Co., Cincinnati, Ohio .....
Rock Joshua Quarry, Essex, Conn.....
Rock River Brownst. Co., Bay City, Mich.
Rock Valley Gran. Co., Minneapolis, Minn.
Rocky Hill Quarry Co., New York.....
Rocky Point Granite Wks., Exeter, Cal..
Rockland Lime & Lum. Co.,San Francisco.
Rocklin Granite Curb Co., San F., Cal..
Rocklin Granite Co., Oakland, Cal.....
Rockport Granite Co., Rockport, Mass....
Rockwood, Harvey A., Indianapolis, Ind..
Rodick Bros., Bar Harbor, Me.....
Roe, A. J., Sweet Water, Tex.....
Roeder, Henry, New Whatcom, Wash....
Roehl, H. T., Cape Girardeau, Mo.....
Roell, Christian, Faribault, Minn.....
Roesling, E., Iola, Wis.....
Rogan Bros., Joliet, Ill.....
Rogan & Riley, Rogersville, Tenn.....
Rogers, A., New Bedford, Mass.....
Rogers, O. T., Gran. Co., W. Quincy, Mass.
Rogers, J. S., Oakdale, Pa.....
Rogers, John, Mound Valley, Kan.....
Rogers, F., Hooversville, Pa.....
Rogers & Tapper, New York.....
Rolfe, Wm. & Co., Collinwood, Ohio.....
Romona Oolitic S. Co., Indianapolis, Ind..
Ronen, John, Stone City, Iowa.....
Ronigh, John, Freedom, Pa.....
Rooke, C. M. & Co., Winfield, Pa.....
Rooney, J. T., Concord, N. H.....
Rooney, P. H., New York.....
Root, S. B., Kansas City, Mo.....
Rose, Geo., Biddeford, Me.....
Rose, H. O., Lime Co., Petoskey, Mich...
Rosengreen, M. A., Louisiana, Mo.....
Rosher, John & Son, Leesburg, Ohio.....
Ross, W. S., Brooklyn, N. Y.....
Ross Granite Co., Milford, Mass.....
Ross, Peter, Milford, Mass.....
Ross, J. E., Knoxville, Tenn.....
Ross, W. S., Cornwall, Ont.....
Rossi, N. & Co., Barre, Vt.....
Rotherly, John, Loughboro, Mo.....
Rouk, Seneca, Clarksfield, Ohio.....
Rowena Granite Co., Rowena, S. D.....
Rowland, G. H., Rowland, Pa.....
Roxbury Granite Co., Keene, N. H.....
Roxbury Stone Co., Boston, Mass.....
Roxbury Stone Qy. Co., Roxbury Sta., Vt.
Roy & Sandford, Denver, Colo.....
Roys, A. T., Osier, Colo.....
Rubsam, J. W., Springfield, Ohio.....
Rucker & Co., Greenfield, Ohio.....
Rudge, Geo., Victoria, B. C.....
Rudsal, L. A., Neuse, N. C.....
Ruger, Horace, Limehill, Pa.....
Ruhl, J. W., Covington, Ohio.....
Rumbaugh, J. H., Mt. Pleasant, Pa.....
Rummell, A., Olin, Iowa.....
Runnels, Chas., Lowell, Mass.....
Rupp Bros., Woodsdale, Ohio.....
Rupp, Jacob, Forest, Ont.....
Rusk, D., New York.....
Rusk, J., Waynesburg, Pa.....
Russ, C. A. & Co., Green's Landing, Me.
Russell Bros., New Richmond, Wis.....
Russell, C. A., Renfrew, Ont.....
Russell, J. D., South Kingston, R. I....
Russell, M. L., Renfrew, Ont.....
Russell & Munro, New York.....
Russell, W. D. & Co., Rogersville, Tenn..
Russell, W. S., Gulf, N. C.....
Ruth, J. A., Wernersville, Pa.....
Ruth, Robt., Harrison, Ont.....
Rutherford, D., Vanatta, Ohio.....
Rutherford, R. I., Boston, Mass.....
Rutland White Mar. Co., W. Rutland, Vt.
Ryan, Jno., Whitehouse, Ohio.....
Ryan, W. M., Whitehouse, Ohio.....
Ryegate Granite Wks. Co., Ryegate, Vt..
Saam, H., Skinners Eddy, Pa.....
Saanich Lime Co., Victoria, B. C.....
Sackett, S. J., Tarrytown, N. Y.....
Sackett & Beckwith, Pandora, Ohio.....
Saddle Mound S. Stone Co., La Crosse,Wis.
Saffer & Rheinhart, New York.....
Saginaw-Tuscola & Huron R. R. Co., Bay Port, Mich. .....
Sagnaw, Odile, Sault au Recollet, Que....
St. Cloud Granite Co., St. Cloud, Minn..
St. John, A. C., Victor, Cal.....
St. John, M. A., Clark's Island, Me.....
St.Johnsbury Gr.& M.Co.,St.Johnsbury,Vt.
St. Lawrenee Marble Co.,Gouverneur,N.Y.
St. Louis Cut Stone Co., St. Louis, Mo...
St. Louis Q. & Cons. Co., St. Louis, Mo...
St.Louis River B.St.Co., Fond du Lac,Wis.
St. Paul Granite Co., St. Paul, Minn.....
St. Paul St. Quarries Co., Cincinnati, O...
St. Pillsbury & Freeto, Lebanon, N. H...
Salem Bedford Stone Co., Louisville, Ky..
Salem Stone Co., Louisville, Ky.....
Salem Stone & Lime Co., Salem, Ind.....
Salineville Co-op. Mfg. Co., Salineville, O.
Salt Lake City Stone Co., S. L. City, Utah.
Salt Lake Onyx Co., Salt Lake City, Utah..
Salter, John, & Son, Willimantic, Conn..
Saltz, Chas., Chilo, Ohio.....
Salzberger, Wm., West Troy, N. Y.....
Salzman, C. & Son, Brooklyn, N. Y.....
Samp, Wm., Beloit, Wis.....
Sams & Bowman, Princeton, Mo.....
San Bern. M.&Gr.Co.,San Bernardino,Cal.
San Clair, J., Alvarado, Cal.....
San Diego Granite Co., San Diego, Cal....
San Fran. Bl.Stone Qy., San Francisco,Cal.
San Joaquin Lumber Co., Tulare, Cal.....
San Luis Obispo Bit. R.C.,Los Angeles,Cal.
Sanborn, G. W., Utica, N. Y.....
Sanchez, Jose D., Jiquilpan, Mex.....
Sanchez, Tomas, Jiquilpan, Mex.....
Sandcreek Limestone Co., Westport, Ind..
Sanderson, R. I., Orillia, Ont.....

QUARRIES—Continued.

Sanding & Co., Lexington, Mo.....
Sands, G. R., Cambridge, Mass.....
Sandy Hill Quarry Co., New York.....
Sanford, H. S., Lima, Ohio.....
Sanger, Moody & Steel St. Co., Joliet, Ill..
Sanger, S. S., El Paso, Texas.....
Santa Cruz Rock Pav. Co., San F., Cal....
Santa Fe Stone Co., Joliet, Ill.....
Santy, L. P & Co., Clements, Kas.....
Saravia, G. B., Cuencame, Mex.....
Sargent Granite Co., Belfast, Me.....
Sargent, S. B., Northfield, N. H.....
Sargent & Holden, Haverhill, Mass.....
Satler, D. C. & Co., Piqua, Ohio.....
Satterthwaite, J., Jenkintown, Pa.....
Sattes, F. A., Sattes, W. Va.....
Saunders, S., Chepachet, N. Y.....
Savage & Moore, Mt. Desert, Me.....
Sawtelle, T. D., Barre, Vt.....
Sawyer, C. H., Lime City, Ohio.....
Sawyer, J. B., Bucyrus, Ohio.....
Saylor, Jas., Eaton, Ohio.....
Scales, Wm., New Albany, Ind.....
Scanlon, J. H., St. Paul, Ind.....
Scanlon, Martin, Halburton, N. Y.....
Scanlon & McDonald, Hinton, W. Va.....
Schaeffer, T. & Son, New York.....
Schaffer, Arthur, Amity, Ohio.....
Schall, R., Allentown, Pa.....
Scheerer, C., Los Angeles, Cal.....
Scheerer, Jos. Co., San Francisco, Cal....
Schlegelmitch & Son, New York.....
Schmedlin, E., Independence, Ohio.....
Schmidt, H. & Co., New York.....
Schmidt, H. G., Davenport, Iowa.....
Schmitt, Peter, Kasson, Ind.....
Schmitt, T., New York.....
Schmoyer, H. J., Trexlertown, Pa.....
Schmucker & Co., Williamsburg, Pa.....
Schneider Granite Co., St. Louis, Mo.....
Schneider, H. & Son, Brooklyn, N. Y.....
Schoepfle, Chas., Sandusky, Ohio.....
Scholfield, J. W., Dunnville, Ont.....
Scholt, J., Ironton, Pa.....
Scholtz, F. J., Evansville, Ind.....
Schoomaker, A. O., New York.....
Schoonmacher, J. W., Wauwatosa, Wis...
Schreen Bros., Graniteville, Mo.....
Schueler, C., Jr., Millersburg, Ohio.....
Schuerman, J. B., Ft. Jennings, Ohio....
Schultz, Fred, Lyons, Ill.....
Schultz, H., Joliet, Ill.....
Schultz, M., St. Peters, Mo.....
Schumacher, D. B., Bluffton, Ohio.....
Schumacher, Hugo, Akron, Ohio.....
Schurter, P., New York.....
Schuyler, Jno., Oceanside, Cal.....
Schwalenberg, G., Penryn, Cal.....
Schwartz, L., Murray, Ind.....
Schwartz, P. & Bro., Baird, Tex.....
Schweickhart & Manegold, Wauwatosa, Wis.....
Schwind, John G., Baltimore, Md.....
Scott, A. J., Hackett, Ark.....
Scott, Horace M., Peabody, Mass.....
Scott, Joel, Noel Road, N. S.....
Scott, J. B., Hamilton, Ohio.....
Scott, J. F., Galt, Ont.....
Scott, Pattullo & Co., Credit Forks, Ont..
Scoville & Murphy, Middletown, Conn....
Scranton, A. G., Danielson, Conn.....
Scranton Stone Co., Scranton, Pa.....
Scully, J & Son, Groton, Conn.....
Scully, J. H., New York.....
Scwoyer & Lease, King of Prussia, Pa....
Seale Bros., St. Mary's, Ont.....
Seale & Hoover, Clinton, Ont.....
Seaman, A., & Co., Joggins Mines, N. S..
Seamans & Hollister, Avoca, Pa.....
Sears, Chas., Wilson, Kan.....
Sears, C. H., Fall River, Mass.....
Sears, J. K. & B. Co., Hyannis, Mass.....
Seaver, C. S., Joliet, Ill.....
Sebri, W., Lead, S. D.....
Sebring, John, Jersey Mills, Pa.....
Sechler, M. D. L., Danville, Pa.....
Secombe Bros., Ansonia, Conn.....
Secrest, D. L., Laurel, Ind.....
Secrest, M. E., Laurel, Ind.....
Sector & Leith, Barre, Vt.....
Seifert & Hostler, Syracuse, N. Y.....
Sells, A. C., Hilliards, Ohio.....
Selm Spring Quarry Co., Almedia, Pa....
Semon, Adolph, Meshoppen, Pa.....
Semple, Wm. J., Vanwert, Ohio.....
Senell, A. C., Grand Rapids, Mich.....
Sens, Schenbner & Frederick, New York..
Serpentine Co., Wilmington, Del.....
Setz & Bianchi, Woodland, N. Y.....
Sever Bros., Landeck, Ohio.....
Sexton, John, Buchanan, Va.....
Sexton, Jas. & Son, Bridgeport, Conn....
Sey, Jas., Zelda, Nev.....
Seybold, Jacob, Dayton, Ohio.....
Seymour, A., Daggett, Cal.....
Seymour, Wm., Georgetown, Idaho.....
Shackley, H. S., Pawnee City, Neb.....
Shafer & Green, Dayton, Ohio.....
Shaler & Hall Quarry Co., Portland, Conn.
Shanahan, R. D., Randolph, Mass.....
Shanley, B. M. & J. F., Jersey City, N. J.
Shaper, Chas., Canajoharie, N. Y.....
Sharp, R. L., Stone Co., Columbus, Ohio..
Sharp, Wm., Sugargrove, Ohio.....
Shaw's, John, Sons, Pelham, Mass.....
Shay & Co., Milford, Mass.....
Shea, Timothy, Milford, Mass.....
Shea, W. & Son, Quincy, Mass.....
Shea & Cullen, Springfield, Mo.....
Shea & Donnelly, Lynn, Mass.....
Sheafer & Co., Howard, Colo.....
Shearns, A. M., Duluth, Minn.....
Sheboygan Lime Works, Sheboygan, Wis..
Sheehan, Jeremiah, Concord, Mass.....
Sheerin & Sons, San Francisco, Cal.....
Sheldon, Eli, Ellis, Kan.....
Sheldon, H. E. & Co., Boston, Mass.....
Sheldon & Sons, W. Rutland, Vt.....
Shelley, D. M., Hamilton, Ohio.....
Shelley, G. A., Madison, Conn.....
Shelley, T. W., Guilford, Conn.....
Shelton, G. P., Seymour, Conn.....
Shepbuch, Conrad, Covington, Ohio.....
Shephard, Jos., Ashland, N. H.....
Sheppard, S., Brooklyn, N. Y.....
Sheppard & Fairall, Perryton, Ohio.....
Sherbrooke & Dudswell L. & Mar. Co., Dudswell Center, Que.....
Sherburne, Ezra, Gloucester, Mass.....
Sherlin, James, Yardley, Pa.....
Sherman, H. A., Mystic, Conn.....
Sherman, John, Milford, Mass.....
Sherman, T. N., Milford, Mass.....
Sherman, Wm., Milford, Mass.....
Sherrin, W. E., Townsend, Mass.....
Sherwood, G. P. & Co., New York.....
Sherwood Hill Quarry, Leadville, Colo....
Shields, B., Philadelphia, Pa.....
Shields, H. & J. W., Hamilton, Ohio.....
Shields, M., Nicholson, Pa.....
Shields, T. H. & Son, Dudley, Iowa.....
Shields, W., Anthony, Kan.....
Shilling Granite Works, Albany, N. Y....
Shinburn, M., Henrietta, Ohio.....
Shindler & Ensley, Linn Grove, Ind.....
Shipway, J. H. & Bro., New York.....
Shook, J. D., Greene, Iowa.....
Short, Chas., Springfield, Mass.....
Shrikey, B. J., Lowmoor, Va.....
Shroup, H. B., Dayton, Ohio.....
Shufflebotham, W., Kingston, Ont.....
Shultz, D. L., Rockwood, Ont.....
Shultze & Mayer, Atacosa, Tex.....
Shuman, L. D., Marcellus Falls, N. Y....
Shuping, Fisher & Co., Woodside, N. C....
Shuttleworth, Ed, New York.....
Shuvelin, Jas., Yardley, Pa.....
Sibley, F. B. & Co., Detroit, Mich.....
Sibley Quarry Co., Trenton, Mich.....
Sickles, Geo. B. & Co., Tate, Ga.....
Siddell & Townsend, Bluffton, Ohio.....
Sidley, C., Thompson, Ohio.....
Sidney Flat. Mg. Co., Chinese Camp, Cal..
Sifroid, Simard, Chateau Richer, Que....
Silbara, M. S., Silvara, Pa.....
Silliman, E. R., Stratford, Conn.....
Silver Gray Gran. Co., East Grafton, N. H.
Silver Spring Quarry Co., Espy, Pa.....
Simmons, H. B., Glasgow, Mo.....
Simmons, J., Golden, Colo.....
Simmons, R. M., Maryville, Mo.....
Simons, W., Hazlewood, Ohio.....
Simpson, E. J., Vanhorn, Tex.....
Simpson, I. S., Oakhill, Tex.....
Simpson, J. A., Mountaingrove, Mo.....
Simpson, O. C., McAfee Valley, N. J....
Simpson & Brown, Eureka, Cal.....
Sinclair, Jas., Gratiot, Wis.....
Sinclair, Jas., New York.....
Sinclair, R. J., Detroit, Mich.....
Singir, Frank, Leboeuf, Pa.....
Sioux Falls Gran. Co., Dell Rapids, S. D...
Sioux Valley Stone Co., Jasper, Minn.....
Sisson, Hugh & Sons, Baltimore, Md.....
Sisung, Henry, Brest, Mich.....
Sites Sandstone Co., San Francisco, Cal...
Skelton, E. J., Chesley, Ont.....
Skorsatta, T. P., Hader, Minn.....
Skrainka Cons. Co., St. Louis, Mo.....
Slack, M., Medina, N. Y.....
Slater, J. F., Hopkington, Mass.....
Slater, Vandalia, Hunts, N. Y.....
Slates, J., Chautauqua, Kan.....
Slatz & Bowers, Union, Ohio.....
Sloan, McIlvain & Ott Bros., Dunbar, Pa..
Sloan, W. C., Morning Sun, Ohio.....
Sloss Marblehead L. Co., Marblehead, O..
Smeaton, Wm., Inglewood, Ont.....
Smiley, T., Batsto, N. J.....
Smith, Angus M., Greensboro, N. C.....
Smith, Ben, Middletown, Ohio.....
Smith Bros., Poganspport, Pa.....
Smith, C. T., Appleton, Wis.....
Smith, Daniel, Bridgeport, Conn.....
Smith, D. L., Sutton, Que.....
Smith, E. C., W. Foxboro, Mass.....
Smith, E. L. & Co., Buffalo, N. Y.....
Smith, E. L. & Co., Barre, Vt.....
Smith, Frank, Ft. Dodge, Iowa.....
Smith, F. D., Independence, Ohio.....
Smith, Geo., Parkside, Pa.....
Smith, Geo., Vinalhaven, Me.....
Smith, Peter, Granite Co., Montreal, Que...
Smith Granite Co., Westerly, R. I.....
Smith, G. G., Credit Forks, Ont.....
Smith, Isaac, Brock, Neb.....
Smith, Jas. A., Hot Springs, Ark.....
Smith, Jos., Wilberforce, Ohio.....
Smith, J. H., El Paso, Tex.....
Smith, J. J., Beaver Creek, Colo.....
Smith, J. R., New York.....
Smith, J. S., Culpeper, Va.....
Smith, J. W. & Son, Petersburg, Va.....
Smith, M. B., Carey, Ohio.....
Smith, Rufus, N. Littleton, N. H.....
Smith, R., Merrickville, Ont.....
Smith, R. D., Trussville, Ala.....
Smith, S. B., Ludlow Falls, Ohio.....
Smith, Thos. C., New Britain, Conn.....
Smith, Waterman, Manchester, N. H.....
Smith, Wm., Canadenis, Pa.....
Smith, W., Foxlake, Wis.....
Smith, W. C., Rockymount, Va.....
Smith, W. J., Greenwich, Conn.....
Smith, W. O., Ingersoll, Ont.....
Smith, W. P., Albany, N. Y.....
Smith, W. R. & Sons, Otway, Ohio.....
Smith & Brainerd Marble Co., Middlebury, Vt.....
Smith & Chapple, Richmond, Va.....
Smith & Co., Logansport, Pa.....
Smith & Co., Pittsford, Vt.....
Smith & Donn, Gibsonburg, Ohio.....
Smith & Hopkins, Barre, Vt.....
Smith & Mahoney, Methuen, Mass.....
Smith & Munfee, Sattes, W. Va.....
Smith & Way, Credit Forks, Ont.....
Smithfield Granite Co., Smithfield, R. I...
Smyth, J. W. & Son, London, Ont.....
Snaitt, John, Albany, N. Y.....
Snarrenberger, F., Greenfield, Ohio.....
Snavely, John, Osceola, Ohio.....
Snavely, Jos., Osceola, Ohio.....
Snell, E. L., San Francisco, Cal.....
Snider, L. R., Humberstone, Ont.....
Snodgrass, S. K., San Francisco, Cal.....
Snoke, A. H., Lancaster, Ohio.....
Snow, E. R., Mattapoisett, Mass.....
Snow, T. & Co., Deer Isle, Me.....
Snow-Flake Lime Co., Bowling Green, O..
Snowflake Marble Co., New York.....
Snyder, Sam'l, Tecumseh, Neb.....
Snyder & Blair, Connellsville, Pa.....
Soffe, W. J., Gale, Utah.....
Solon, Michael, Weatherford, Tex.....
Somerville & Brown, St. Johnsbury, Vt...
Sonius, P. C. & Sons, New York.....
Sonsley, S., Strawberry Point, Iowa.....
Sortwell & Morse, Barre, Vt.....
South Bristol Granite Co., S. Bristol, Me..
South Dover Marble Co., New York.....
South Elgin Stone Co., Elgin, Ill.....
South New England Rendering Works, Springfield, Mass.....
S. Pitts., Con. Bld. Co., S. Pittsburg, Tenn.
S. St. Louis Stone & Cons. Co., St. Louis, Mo.
Southcott, I. & I. T., St. Johns, Newfoundland.....
Southern Granite Co., Cincinnati, Ohio..
Southern Marble Co., Marble Hill, Ga....
Southern Red & Brown Stone Co., Philadelphia, Pa.....
Southern Stone Co., Philadelphia, Pa....
Southey, J. W., Bridgeport, Conn.....
Southworth, Gratian & Co., Stockton, Cal.
Spahr, H. K., Williams Mill, Pa.....
Spargo, W. T., Quincy, Mass.....
Sparks, J. M., Gouverneur, N. Y.....
Spaugh & Co., Ironton, Mo.
Spaugh & Westcoat, Farmington, Mo.....
Spead, J. B. & Co., Milltown, Ind.....

Spears, J. A., Hymera, Ind.....
Speed, Geo., West Concord, N. H.....
Speer, Leonard & Co., Rockland, Me....
Spence, Wm., Arnprior, Ont.....
Spence & Coombs, Greatfalls, Md.....
Spencer, H. L., Phoenix, R. I.....
Spencer, J. W., Rural Retreat, Va.....
Spencer, Levi, Evansville, Wis.....
Spencer L. & Rubble Qy. Co.,Spencer,Ind.
Spencer, R. B., Centerville, R. I.....
Spencer, T. H., Lowell, Mass.....
Spencer & McLean, Maxville, Ont.....
Sperry, S., West Stockbridge, Mass.....
Spitter, G., Cahuilla, Cal.....
Spitzmiller, Louis, Cincinnati, Ohio.....
Spofford, W. L. & Co., South Barre, Vt...
Spokane Pressed Bk. Co., Spokane, Wash.
Sprague Bros., Joliet, Ill.....
Sprague, D. D., Mount Blue, Mass.....
Sprague, E. F., Emporia, Kan.....
Springer, Dr., Hamilton, Ont.....
Springman, A., Freeburg, Pa.....
Sprinkle & Davis, Peebles, Ohio.....
Spruce Head Granite Co., Rockland, Me..
Squire, A. J., Hulburton, N. Y.....
Squire & George, Santa Barbara, Cal....
Stables, J. R., Exeter, N. H.....
Stacey & Payne, El Paso, Tex.....
Stack, J., Ashersville, Ind.....
Stadleman, J. F., Overbrook, Pa.....
Stagg, H. & Bros., Cincinnati, Ohio.....
Stahl, W. H. & Co., Los Angeles, Cal.....
Stalter, D. C. & Co., Piqua, Ohio.....
Stalter, I. M., Pansy, Ohio.....
Stamers, Fred., Attalla, Ala.....
Stamps Star M. Co., Mooresburg, Tenn....
Standard Flagstone Pav. Co.,Pittsburg,Pa.
Standard Granite Co., Manchester, Va....
Standard Granite Co., Mt. Desert, Me....
Standard Granite Co., Rumney, N. H....
Standard Granite Co., St. Cloud, Minn...
Standard Granite Co. Qs., Hardwick, Vt..
Standard Limestone Co., Grayson, Ky.....
Standard Lime & St. Co., Baltimore, Md..
Standard Soapstone Co., Overton, Va.....
Standard Stone Co., Bedford, Ind.....
Standard Stone Co., Philadelphia, Pa....
Stanley, R. & J. C., Little Falls, N. J.....
Stannard Marble Co., Rapid City, S. D....
Stanstead Granite Co., Beebe Plain, Que..
Stanton, T., Ridgway, Colo.....
Staples, J., Putnamville, Ind.....
Star Furnace Co., Jackson, Ohio.....
Star Lime Co., Hannibal, Mo.....
Stark, E., St. Louis, Mo.....
Starnel, Rindle, Centerville, Ohio.....
Starr, J. K., East Barre, Vt.....
State, S. P., Bush Glen, Ont.....
State Capitol Pol. Works, Concord, N. H..
Statuary Granite Co., Bethel Vt.....
Staye, W. C., Joliet, Ill.....
Steeley, L., Ashersville, Ind.....
Stebbins, W. A., Montello, Wis.....
Steele, W. A., Tracy, Iowa.....
Steffor, John, Nursery, Mo.....
Stenstrom, August, Burlington, Iowa.....
Stephen & Edwards, Quincy, Cal.....
Stephens, Daniel, Madison, Wis.....
Stephens & Reid, Barre, Vt.....
Sterling, J. L. & Sons, Cleveland, Ohio...
Sterling, P., New Haven, Conn.....
Stetson, Cutler & Co., Indiantown, N. B..
Stevens, A., New York.....
Stevens, Chas. W., Nashua, N. H.....
Stevens Granite Co., Milford, N. H.....
Stevens, I. & F., South Bay, N. B.....
Stevens, P. & Son, Newport, R. I.....
Stevens, R. P. & Co., Manchester, N. H..
Stevens, Wm. H., Liberty, Ind.....
Stevens, W. M., Norwalk, Conn.....
Stevenson & Blew, New York.....
Stevenson & Christie, Bridgeport, Conn...
Stevenson & Gallehow, Nursery, Mo.....
Steward Stucco Cement Co., Colorado Springs, Colo. .....
Stewart, H. H., Kokomo, Ind.....
Stewart, Jas., Westerly, R. I.....
Stewart, John, Argo, Mo.....
Stewart, Robt., Windsor Mills, Ohio.....
Stewart Stone Co., Buenavista, Ohio.....
Stewart Stone Co., Columbia, S. C.....
Stewart, T. J., Clifton, Kan.....
Stewart, W. J., New York.....
Stewart & Legitt, Brookfield, Mo.....
Stewart & McDonald, Westerly, R. I.....
Stifel & Ruckert, St. Louis, Mo.....
Stillwaugh, Chris., Hamilton, Ohio.....
Stillwell, C. & A., Collamer, N. Y.....
Stillwell & Schaeffer, Boston, Mass.....
Stinchcomb, F., Abilene, Tex.....
Stinesville Oolitic St. Co., Stinesville, Ind.

Stinesville Stone Co., Chicago, Ill.....
Stinesville & Bloomington Stone Co., Stinesville, Ind. .....
Stinet Marble Co., Knoxville, Tenn.....
Stinson, C. A., Sullivan, Me.....
Stockmeger Bros., New York.....
Stockwell Quarry, West Farms, Mass.....
Stoll, C. F., New London, Conn.....
Stoll, W., Wonewoc, Wis.....
Stolte, Caspar & Son, East St. Louis, Ill.
Stonback, A. W., Quakertown, Pa.....
Stone, A. D. & Co., Springfield, Mass.....
Stone Bros., Riverside, Cal.....
Stone, Chas., St. Paul, Minn.....
Stone Hill Quarries, Stone City, Iowa.....
Stone, M. C., Palisade, Neb.....
Stone Mount. Granite Co., Salisbury, N. C.
Stone Road Cons. Co., Bridgeport, Conn...
Stonehaven Quarries, Stonehaven, N. H..
Stoney Creek Red Granite Co., Branford, Conn. .....
Story Bros., National Home, Wis.....
Story, C. A., Victory, Vt.....
Story, H. A., Pigeoncove, Mass.....
Story, T., Courtland, Ont.....
Stouffer, B. C., Connellsville, Pa.....
Stoughey, J., Dundee, Ohio.....
Stout S. Quarries, Ft. Collins, Colo.....
Straitior & Thom, Barre, Vt.....
Stranger, G. B., Phoenix, Pa.....
Straub, P. J., Buffalo, N. Y.....
Strickland, Wm., Joliet, Ill.....
Strife Bros., Aultman, Ohio.....
Strong Fork Quarry, Middlesboro, Ky....
Strong, H., Topeka, Kan.....
Stuart, R. A., St. Andrews, N. B.....
Stubbs & Merkley, Farrans Point, Ont...
Stubbs & Jakway, Durango, Colo.....
Stuckey, N., Green Castle, Ohio.....
Stuman, Wm., Mason, N. H.....
Stuper, John, Ilion, N. Y.....
Sturk, J. H. & Co., New York.....
Stuthers, J., Limehill, Pa.....
Sugar Ridge St. & L. Co., Sugarridge, O.
Sullivan, Eugene, Barre, Vt.....
Sullivan, F., Fremont, Ohio.....
Sullivan Granite Co., West Sullivan, Me..
Sullivan, J. B., Taunton, Mass.....
Sullivan, J. D., Santa Rosa, Cal.....
Sullivan, M. J., Tucson, Ariz.....
Sullivan, Prescott & Harris,N.Acton,Mass.
Sullivan, P., Thompson, Ohio.....
Sullivan & Sturacker, Hulburton, N. Y..
Sunapee Granite Co., Sunapee, N. H.....
Sunbury Stone Co., Sunbury, Ohio.....
Summers, Frank, Bellevue, Iowa.....
Superior Brown Stone Co., Ashland, Wis..
Superior Freestone Co., Mt. Sterling, Ky..
Surf Side Land Co., Nantucket, Mass.....
Sutherland, F. T., San Francisco, Cal....
Sutton, J. J., Hot Springs, Ark.....
Sutton, Thos., West Leroy, Pa.....
Swain Monumental Co., Albany, N. Y.....
Swan, Horace, Westerly, R. I.....
Swan & Robinson, E. Longmeadow, Mass.
Swatara St. & Lime Co., Swatara Sta., Pa.
Swearmgene, John, Hendrick, Iowa.....
Sweatt & Davis, Lowell, Mass.....
Sweeney, E. & Son, New York.....
Sweeney, T., Rapid City, S. D.....
Swenson, Jno., West Concord, N. H.....
Swenson, M., Bradford, N. H.....
Swift, J. W., Cottage City, Mass.....
Swift & Wilcox Granite Co., Elberton, Ga.
Swingle & Falconer, Quincy, Mass.....
Swithin Bros., Quincy, Mass.....
Swope & Gayton, Mapleton Depot, Pa....
Sword, W. J., Lone Rock, Ark.....
Syenite Granite Co., St. Louis, Mo.....
Sylvester, Seth, Hamilton, Wis.....
Symington & Perrin, Pittston, Pa.....
Symonds, A. D., Elmira, N. Y.....
Table Rock Stone Quarry, Frisco, Pa.....
Taggart, Wm., Evansville, Wis.....
Taggert, J. K., Bigstone Gap, Va.....
Talbot & Co., Smedley, Pa.....
Tangway, J. Baptiste,Chateau Richer,Que.
Tank, J., Whitinsville, Mass.....
Tanner, E. R., Rochester, N. Y.....
Tarbox, J. M., East Greenwich, R. I.....
Tate & Jones, Salt Lake City, Utah.....
Taulber Bros., Danbury, Neb.....
Tavern Rock Sand Co., St. Louis, Mo....
Tawney, Roach & Co., Gettysburg, Pa....
Taylor, Alex., West Sullivan, Me.....
Taylor, Allen, Angels Camp, Cal.....
Taylor, Andrew, Swans Island, Me.....
Taylor, A. J., Silvara, Pa.....
Taylor, A. M. & Co., Parsons, Kan.....
Taylor Bros., St. George, N. B.....
Taylor, C. M., Lanesboro. Pa.....

Taylor, D., Jr., Centerville, R. I.....
Taylor, E. C. & Co., S. Norridgewock, Me.
Taylor, J., South Norridgewock, Me.....
Taylor, John, Middle Stewiacke, N. S....
Taylor, J. B., Cedarville, Ohio.....
Taylor, J. E., Parkwood, N. C.....
Taylor, J. D., Cambridge, Ohio.....
Taylor, M. O., Bourbon, Mo.....
Taylor, O. & Co., Rocklin, Cal.....
Taylor, P. C., Austin, Tex.....
Taylor, Samuel S., Springfield, Ohio.....
Taylor, T., Chandler, N. C.....
Taylor, W. C. & J. M., Pittsburg, Pa....
Taylor & Bailey, Barre, Vt.....
Tayntor, C. E. & Co., New York.....
Tayte, Meating & Co., St. George, N. B..
Tebbut, S., New York.....
Teich, Frank, Fredericksburg, Tex.....
Temple Bros., Rutland, Vt.....
Tenfel, Jno., Parma, Ohio.....
Tenino Sandstone Co., Olympia, Wash.....
Tennell, G. A., Fitchburg, Mass.....
Tenn. Granite Pav. Co., Robbins, Tenn..
Tenn Producers' M. Co., Knoxville, Tenn.
Tenn. Onyx Co., Andersonville, Tenn....
Terrill, E. W., Fitchburg, Mass.....
Tetro, Adolph J., Nashua, Mass.....
Tetter & Sons, Lima, Ohio.....
Teustner, H., New York.....
Tewksbury, S., South Auburn, Pa.....
Tewksbury & Co., Skinners Eddy, Pa....
Texada Lime Co., Vancouver, B. C.....
Texas Capital Gran. Co., Granite Mtn.,Tex.
Texas Mg. & Imp. Co., Marble Falls, Tex.
Texas & New York Gr. Co.,Woodlawn,N.Y.
Thatcher, L., Ooltewah, Tenn.....
Thayer & Simonds, Brandon, Vt.....
Theis & Janssen, New York.....
Themes, N., Joliet, Ill.....
Thillman & Wennewer, New York.....
Thinlow, E. S. & Co., Deer Isle, Me.....
Thistle Rock Co., Salt Lake City, Utah..
Thomas, A., Hamilton, Ont.....
Thomas, Henry, McAdensville, N. C.....
Thomas, H. N., Hamilton, Ont.....
Thomas, J., Lumber Co., Topeka, Kan.....
Thomas, Joe, Cahuilla, Cal.....
Thomas, J. R., Whittier, N. C.....
Thomas, Judge, Liverpool, N. S.....
Thomas, M. D., Elklick, Pa.....
Thomas, Owen, Sodom, Ohio.....
Thomas, T. W., Rimer, Ohio.....
Thomas & Fullerton, Woodbury, Vt.....
Thomas & Gardner, Rimer, Ohio.....
Thomas & Miller, Quincy, Mass.....
Thomas & Thompson, Quincy, Cal.....
Thompson Bros., Lebanon, N. H.....
Thompson, E. F., New Hartford, N. Y.....
Thompson, E. R., Cordelia, Cal.....
Thompson, J. & Son, Quincy, Mass.....
Thompson, J. M., Westerly, R. I.....
Thompson, J. R., Milford, N. H.....
Thompson, R., Fincastle, Va.....
Thompson, Richard, Fredericktown, Mo...
Thompson, R. M., Stone Mountain, Ga....
Thompson, Robt., Westerly, R. I.....
Thompson, R. G., New York.....
Thompson, S. B., Fitzwilliam Depot, N. H.
Thompson, Wm., Longford Mills, Ont.....
Thompson & Gray Qy. Co., St. Louis, Mo..
Thompson & Platt, Westerly, R. I.....
Thomlinson Stone Co., Chicago, Ill.....
Thornberry, Jno., Beallsville, Ohio.....
Thurber & Britt, Santa Cruz, Cal.....
Thurber, W. O., Shellrock, Iowa.....
Thurlow, C. C. & Co., Green's Landg., Me.
Tighe, Ed., Rowland, Pa.....
Tillett, J. R., Manassas, Va.....
Tilton, D. L., Enfield, N. H.....
Tinting Bros., Wilson, Ohio.....
Tipping, J. A., Marshall, Mo.....
Titus, Nelson, Cranston, R. I.....
Titus, O. A., Prescott, Mass.....
Todd, John, Redding, Conn.....
Todd, Philip, Peapack, N. J.....
Toledo White Lime Co., Toledo, Ohio...
Tolenas Spring Onyx Co., Fairfield, Cal..
Tolestein, J. G. & Son, Alliance, Ohio.....
Tompkins Cove Stone Co., New York.....
Tonawanda Tripoli Co., Tonawanda, N. Y.
Toney, R., Rangely, Colo.....
Tony, Dick, Meeker, Colo.....
Tooker, S. S., New Milford, Pa.....
Torbert, Jas., Southampton, Pa.....
Toronto Granite Co., Toronto, Ont.....
Toronto Lime Co., Toronto, Ont.....
Toronto & Orillia S. Quarries, Orillia, Ont.
Toronto Stone Co., Toronto, Ont.....
Torrence, J. A., Old Furnace, N. C.....
Torrey, B. F., Richmond, Me.....
Tostavon, J. S., Jr., Dresbach, Minn.....

QUARRIES—Continued.

Town, H. W. & Co., Woodbury, Vt.....
Townsend, T. B., Zanesville, Ohio.....
Townsend, W. C., New York.....
Townsend & Clement, W. Quincy, Mass..
Tracy, M., Brooklyn, N. Y.....
Trainore, John, Philadelphia, Pa.....
Trapp, John, Dayton, Ky.....
Trask & Crowe, Eureka, Cal.....
Traver, David, Temple, Ohio.....
Treanor, J. J. & T. P., New York.....
Trenton Gran. & Mar. Wks., Trenton, Mo.
Tressell, J. G., Ada, Ohio.....
Tressida, Jno. H., Concord, N. H.....
Trevena Bros., Mystic, Conn.....
Trick, W. H. & Co., Decaturville, Tenn...
Trojan Marble Co., Brandon, Vt.....
Tropic Furnace Co., Jackson, Ohio.....
Trout, C. A., Hermitage, Pa.....
Trout, J., Shillington, Pa.....
Troutt, John, Chattanooga, Tenn.....
Troutman, Henry, Amity, Ohio.....
Troy Granite Co., Troy, N. H.....
Trudden, M., Brooklyn, N. Y.....
Trudell, P. N., East St. Louis, Ill.....
Trudger, Wm., Sonoma, Cal.....
True Blue Marble Co., West Rutland, Vt..
Truesdell & Fuary, W. Stockbridge, Mass.
Trunbull Stone & Sand Co., Alliance, O..
Trussel, H. F. & Son, W. Concord, N. H..
Trussville Fur. & Mg. Co., Trussville, Ala.
Tuckahoe Marble Co., New York.....
Tuckerman, J. D., Media, Pa.....
Tueting, L. & F., Cincinnati, Ohio.....
Tumbleson, J. W., Lyons, Colo.....
Tumers Falls Co., Montague, Mass.....
Tupper, Ansel, Jonesboro, Me.....
Tupper, O. M. & Co., San Jose, Cal.....
Tulloch, D., New York.....
Turkey, S. S. & Co., Chelsea, Mass.....
Turnbull, S. T., West Gloucester, Mass..
Turner, E., Arcata, Cal.....
Turner, I. B., Ada, Ohio.....
Tuttle, Jno., San Francisco, Cal.....
Tyler, John, & Co., Deer Isle, Me.....
Tyler, S. A., Townsend, Mass.....
Tyler & Taylor, Brookline, N. H.....
Tyre, P. P., Wilmington, Del.....
Tyrel & Kent, South Dorset, Vt.....
Tysen, D. J., Newdorp, N. Y.....
Tyson, Jessie, & Sons, Baltimore, Md.....
Twibell, W. & Son, Montpelier, Ind.....
Twining, S. B. & E. W., Stockton, N. J..
Ulmer, Wm. H., St. Paul, Minn.....
Ulster Blue Stone Co., New York.....
Ulster Granite Co., New York.....
Union Fire Clay & Stone Co., Coleman, O.
Union Gran. Co. of Maine, Hallowell, Me..
Union Granite Co., Hardwick, Vt.....
Union Lime Co., Los Angeles, Cal.....
Union Lime Co., Rockland, Me.....
Union Pacific Ry. Co., Omaha, Neb.....
Union Soapstone Co., Francestown, N. H.
Union Stone Co., Jersey City, N. J....
Union Stone Co., Cleveland, Ohio.....
Uniform Stone Co., Allegheny, Pa.....
Unlah & Co., Pigeon Cove, Mass.....
United States Min. Blk., Roanoke, Va....
U. S. Government Quarries, Toledo, Ore..
Usher, Isaac, & Son, Thorold, Ont.....
Utica Lime Co., Utica, Ind.....
Utterbaugh, Geo., Baltimore, Md.....
Valido Marble Co., Fairhaven, Vt.....
Valentine, S. W., Boston, Mass.....
Valentine, Wm., Woodsboro, Md.....
Valley Coal & Lime Co., Pittsburg, Pa...
Valley Lumber Co., Fresno, Cal.....
Valliere, Joseph, Robertson Sta., Que.....
Van Court & Lemist, Omaha, Neb.....
Van Tine & Purdue, South Euclid, Ohio..
Van Wagner & Duff, New York.
Van York, C., Hulburton, N. Y.....
Vancouver San Juan L.Co.,VancouverB.C.
Vancouver Stone Quarrying, Mining & Trans. Co., Vancouver, B. C.....
Vanderport, Isaac, Indianola, Neb.....
Vandover, Wm., Kerhonkson, N. Y.....
Vanetten, J. S., Granite, N. Y.....
Vannata, W. M., Knobnoster, Mo.....
Vanstone Bros., Kincardine, Ont.....
Vanzant, Elias, Flesherton, Ont.....
Varley & Everill, Salt Lake City, Utah...
Vaughan, A. C., Port Arthur, Ont.....
Venable Bros., Atlanta, Ga.....
Verde Antique Marble Co., Chicago, Ill....
Verde Antique Mill & M.Co.,San Diego,Cal.
Vere, F., Quincy, Cal.....
Vermillion Sand Stone Co., Danville, Ill..
Vermont Granite Co., Barre, Vt.....
Vermont Granite Co., Lima, Ohio.....
Vermont Marble Co., Proctor, Vt.....
Vermont Quarry Co., Montpelier, Vt.....
Verner, J., Dover, N. J.....
Vernon B. Stone Co., Chicago, Ill.....
Vernon, J. J., Lanesville, Mass.....
Vernon Lime Co., McAfee Valley, N. J....
Vesey, J., New York.....
Victor Marble Co., Victor, Cal.....
Victor Mar. & Gran. Co., Los Angeles, Cal.
Victor Stone Quarry Co., Victor, Cal.....
Victoria Estanislao, Patycuaro, Mex.....
Vienne, H., Montreal, Que.....
Vineyard Grove Co., Cottage City, Mass..
Virginia State Gran. Co., Cincinnati, Ohio.
Virginia Brown Stone Co., Cincinnati, O..
Virginia Brown Stone Co., Covington, Ky.
Virginia Soapstone Slate Pencil Co., Charlottesville, Va. .....
Va. Lime & Cem. Co., Christiansburg, Va.
Virginia Marble Co., Mountville, Va....
Vogel, J. H., Quincy, Mass.....
Volkeuing & Co., New York.....
Vollner, R., St. Paul, Minn.....
Voorhis, John, Greenwich, Conn.....
Vos & De Winter, Pella, Iowa.....
Vose, C. O., Joliet, Ill.....
Vose, C. W., Jonesboro, Me.....
Voyle, L., Oakdale, Cal.....
Wade, E. & Bros., Boonsboro, Md.....
Wade, E. E., Troy, N. C.....
Wade, P., Vancouver, B. C.....
Wade, D. & Co., Delhi, Ont.....
Wadesboro Granite Co., Wadesboro, N. C.
Wadesboro Brown St. Co., Wadesboro,N.C.
Wadsworth, John V., Springville, Utah..
Wagener, J. O., Easton, Pa.....
Wagner, Fred., Harker's Corners, Ill...
Wagner, J. S., Euclid, Ohio.....
Wagner, M., Aurora, Ill.....
Wagner, P., Osgood, Ind.....
Waite, Chas., Culpeper, Va.....
Waite, S. N. & Son, Pigeoncove, Mass....
Walch, M. B., Bluesprings, Neb.....
Waldoboro Granite Co., Waldoboro, Me...
Wales, Louis H., Co., Meriden, Conn....
Walhoff, Louis, Fremont, Ohio.....
Walker, J. A., Chico, Cal.....
Walker Bros., Merritton, Ont.....
Walker & Hanson, Kentville, N. S.....
Walker & Page, Truro, N. S.....
Walker, Thos., River Falls, Wis.....
Walker, R. D., Savannah, Ga.....
Walker, J. A., Antigonishe, N. S.....
Walkers Mills Quarry Co., Walkers Mills, Pa.....
Wall & Sullivan, Worcester, Mass.....
Wall, W. A. & Son, Augusta, Me.....
Wall, Jas., Dodgeville, Wis.....
Wall & Martindale, Wilmington, Ohio.....
Wallace Grey Stone Co., Wallace, N. S..
Wallace, W. H. & Sons, Hammondsville, Ohio .....
Waller Lime Co., Hannibal, Mo.....
Walling, J. H., New York.....
Wally Bros., Bainbridge, Ohio.....
Walsh, Jas., Lannon, Wis.....
Walsh, Wm., Elyria, Ohio.....
Walsh, Wm. & Co., Austin, Tex.....
Walsh & Hughes, Boston, Mass.....
Walsh & Patterson Bros., Atlanta, Ga....
Walton, H., Green Hill, N. B.....
Walters, John R., W. Quincy, Mass.....
Walther, Louis, Louisville, Ky.....
Walters & Humprey, Fairchance, Pa.....
Walters & Williams, Bigelow, Kan.....
Walton, M., Hilliard, Ohio.....
Waples & Garrison, Grovania, Pa.....
Ward, Chas., Amanda, Ohio.....
Ward, Chas., S. Thomaston, Me.....
Ward, Frank, Salinas, Cal.....
Ward, John, Pelham, Mass.....
Ward, Jos. H., Ridley Park, Pa.....
Ward, Jos. G., Pelham, Mass.....
Wardlow & Moore, Montrose, Iowa.....
Warley, G. H., Barre, Vt.....
Warley, W. M., Barre, Vt.....
Warner, James, Santa Rosa, Cal.....
Warner, H. F., Roca, Neb.....
Warren, Chas., San Francisco, Cal.....
Warren, J. B., Musick, Mo.....
Warren, N. E., Bunkerhill, Kan.....
Warren, Thos. & Co., Green's Landing, Me.....
Warsaw Blue Stone Co., Warsaw, N. Y.....
Warstler, Wm. B., Oval City, Ohio.....
Washen, A., Hooversville, Pa.....
Washington Dec. Marble Co., Spokane, Wash .....
Washington Gran. Quarry, New York.....
Washington Marble Co., Washington, D. C.
Washington, W. G., Silvercliff, Colo.....
Wasioja Stone Co., Dodge Center, Minn..
Wassau, John, Columbus City, Iowa.....
Waters, A. M., Hamilton, Ont.....
Watt & Watt, Herring, Ohio.....
Watts & Co., Clackamas, Ore.....
Watson Bros., Salt Lake City, Utah.....
Watson, G., Kemptville, Ont.....
Watson, John G., Arnprior, Ont.....
Watson & Devlin, Arnprior, Ont.....
Watson & Gallagher, E. Milton, Mass.....
Watson & Son, Joliet, Ill.....
Waukesha Stone Co., Milwaukee, Wis....
Waupaca Granite & Quarry Co., Waupaca, Wis.....
Wauwatosa Stone Co., Milwaukee, Wis..
Waverly Stone Co., Waverly, Ohio.....
Waverly Stone Co., Holland, Mich.....
Waye, Julius, St. Charles, Mo.....
Weatherford & Fields, Frankford, Mo....
Weaver, I. J., Lewisburg, Ohio.....
Weaver, W. H., New Chambersburg, O.
Weaver, A. C. & Co., Braddock, Pa.....
Weaver & Co., Swatara Station, Pa.....
Webb Granite & Cons. Co., Worcester, Mass.....
Webb, Henry, Greenwich, Conn.....
Webber, O. S., Bristol, Conn.....
Webster, B. G., Barre, Vt.....
Webster & Lester, Dunnville, Wis.....
Webster, H., Barre, Vt.....
Wedge, Jacob, Tracyton, Wash.....
Weeks, G. D., Gorham, Me.....
Weeks, W. & I., Exeter, Ont.....
Weeks, Cummings & Co., Bradford, Mass..
Weeping Water L. & S. Co., Weeping Water, Neb.....
Weese & Bro., Belleville, Ont.....
Wegener, L. & Son., Buffalo, N. Y.....
Weihe, T. E., Carthage, Ohio.....
Weil, H., Sonoma, Cal.....
Weinan, J. & Co., Weaver's Old Stand, Pa.
Weir, W., Milton, Ont.....
Weires, Wm., Somers, Conn.....
Weise, Edw., German Valley, N. J.....
Welch, J. M., German Valley, N. J.....
Welch, Jas., Beverly, Mass.....
Welch & King, Vichy, Mo.....
Weller, W. F., Granite, Md.....
Wellman & Blake, Athol, Mass.....
Wells, Arthur, New York.....
Wells, J. W. & Son, Findlay, Ohio.....
Wells & Flanders, Enfield, N. H.....
Wells, Lamson & Co., Barre, Vt.....
Welsford Red Granite Co., Welsford, N. B.
Welsh, G. B., Dover, Mass.....
Welsh, W. T., Dover, Mass.....
Welton, W. C., Burton, Ohio.....
Wenberg, A., Joliet, Ill.....
Wenisch, Wensel, St. Paul, Minn.....
Weot, Mathias, Tiffin, Ohio.....
Werner, C., Joliet, Ill.....
Wert, M., Tiffin, Ohio.....
West, Geo., Picture Rocks, Pa.....
West, J. H., Franklin, Me.....
West Bedford Stone Co., Bedford, Ind....
West Berlin Granite Co., W. Berlin, Vt....
West Newton Gran., L. & C. Co., West Newton, Pa.....
Westcott, T. A., Deer Isle, Me.....
Westerly Granite Co., Westerly, R. I.....
Western Coal & Lime Co., Kansas City, Mo. .....
Western Granite & Marble Co., San Jose, Cal. .....
Western Lime Co., Huntington, Ind.....
Western Onyx & Marble Co., Denver, Colo.
Western Plaster Works, South Chicago, Ill.
Western Plaster Works, Detroit, Mich..
Western Stone Co., Chicago.....
Western White Lime Co., Kansas City, Mo.
Westgate, J. B., San Diego, Cal.....
Westham Granite Co., Baltimore, Md....
Westmoreland Supply Co., Pittsburg, Pa..
Westpal, F., New York.....
Westport Granite Co., Boston, Mass.....
Weston, Eugene, Canon City, Colo.....
Weston, R. F., La Crosse, Wis.....
Wetmore & Morse Granite Co., Barre, Vt..
Weyenberg, M., Appleton, Wis.....
Weyscheider & Co., San Francisco, Cal....
Whaley, John, Durham, Iowa.....
Whalen, John B., Farmingham, Mass....
Wheaton, H. C., Springboro, Ohio.....
Wheaton, P. O., Barre, Vt.....
Wheel Coal & Lime Co., Kansas City, Kan.
Wheeldon, Hy., Brandon, Man.....
Wheeler, E. S., Huntington, Ind.....
Wheeler, G. H. & H. P., Barre, Vt.....
Wheeler, J. B. & Co., Marble, Colo.....
Wheeler & Bennett, Mankato, Minn.....
Wherry, Andrew, St. Catharine, Ont.....

Whetmore, Robinson & Co., Berea, Ohio..
Whitaker, G. A., Buena Park, Cal.....
Whitaker, T. J., Standing Stone, Tenn....
White, Chas., Palmer, Mass.....
White, Geo. W., Boston, Mass.....
White, H. C., Fitzwilliam, N. H.....
White, T. B., Amherstburg, Ont.....
White, W. S., Rockland, Me.....
White, Jas., Camden, Ohio.....
White, P. A., Foxboro, Mass.....
White & Gates Granite Co., Waterford, Conn.....
White Granite Co., New York.....
White Mt. Granite Co., Rumney, N. H....
White Rock Lime & Cement Co., McAfee, N. J.....
Whitham, A. M., Corvallis, Ore.....
Whiting, Allen & Co., Mt. Desert, Me.....
Whitlock, J. H., Quincy, Cal.....
Whitlock, T. J., Berea, Ohio.....
Whitmore, S. C., Jermyn, Pa.....
Whitmore Bros., Middletown, Conn.....
Whitney, Daniel, Gouverneur, N. Y.....
Whitney, P. R., Gouverneur, N. Y.....
Whitney Bros., N. Adams, Mass.....
Whitsit & Adams, Indianapolis, Ind.....
Whitten, Jos., Dale, Ind.....
Whittenmeyer Stone Co., Columbus, Ohio..
Whittier, Otis W., Bow, N. H.....
Wicker's Quarry, Sanford, N. C.....
Wickham, A. T., Independence, Wis.....
Wideli & Co., Mankato, Minn.....
Wier, Ross, Shelbourne, N. S.....
Wiggins, H. C., Succasunna, N. J.....
Wight, A. H., Baltimore, Md.....
Wike, Hiram, Durlach, Pa.....
Wilbar, J. T., Gordon, Tex.....
Wilbur & McCann Quarry Co., Dublin, Md.
Wilcox, Jonas, Columbus, Ohio.....
Wilcox Bros., Ridgway, Colo.....
Wild, A., Loveland, Colo.....
Wilder, A. A., St. Genevieve, Mo.....
Wiley, Ogdon & Brow, Burney, Ind.....
Wilis, Sanford, Excello, Ohio.....
Willard & Crickton, Steece, Ohio.....
Willcut, Andrew, Chesterfield, Mass.....
Willey, Curtis, Derby, Vt.....
Willey, H., Manchester, N. H.....
Williams, Enoeb, Stonewall, Man.....
Williams, Chas., Francestown, N. H.....
Williams, R. H., W. Franklin, Me.....
Williams, Samuel, Clarkesville, Mo.....
Williams, J. C., Amesbury, Mass.....
Williams, Amos, Orange, Mass.....
Williams, J. S., Canajoharie, N. Y.....
Williams, Geo., Almonte, Ont.....
Williams, Frank, San Francisco, Cal.....
Williams, Jed, Cambridge, Ohio.....
Williams & Fields, Brandon, Vt.....
Williams, Ed., Boulder, Colo.....
Williams, Evan, Marble, Colo.....
Williams, J. N., Boulder, Colo.....
Williams & Co., New York.....
Williams & Edwards, Pawlet, Vt.....
Williams & Edwards, Granville, N. Y....
Williams & Co., Nashua, N. H.....
Williamson, W. A., Gananoque, Ont.....
Williamsport Sandstone Co., Williamsport, Ind.....
Williamstown Gran. Co., Williamstown, Vt.
Willhard & Polchow, Mantorville, Minn....
Willis, Wm., Lewistown, Pa.....
Williscroft, B. A., Owen Sound, Ont.....
Wilker, Milton, Van Wert, Ohio.....
Wilkeson Sandstone Q's, Wilkeson, Wash.
Wilkins, J. F., W. Gloucester, Mass.....
Wilkinson, G., Lime City, Iowa.....
Wilkinson, J. M., Neuse, N. C.....
Wilkinson & Kellos, Penngrove, Cal.....
Willison, E. C., Quincy, Mass.....
Willment Stone Co., Plymouth, Ohio.....
Wilmot, J. B., Fall River, Mass.....
Wilson, Alex., Hubbell, Neb.....
Wilson, Annie M., Blairsville, Pa.....
Wilson, Chas., Quincy, Mass.....
Wilson, F. J., Lewisburg, Ohio.....
Wilson, J. J., New Britain, Conn.....
Wilson, Jos., Frankfort, Kan.....
Wilson, J. F., Buchanan, Va.....
Wilson, John, Quincy, Mass.....
Wilson, Martin, Worcester, Mass.....
Wilson, M. T., Holton, Kan.....
Wilson, Samuel M., Edgehill, Pa.....
Wilson, T. P., St. Paul, Minn.....
Wilson, Wm., Goderich, Ont.....
Wilson, Wm., Inglewood, Ont.....
Wilson, W. L., Attalla, Ala.....
Wilson, W., W. Berlin, Vt.....
Wilson Bros., Lithonia, Ga.....
Wilson & Hughes, Cleveland, Ohio.....
Wilson & Rowley, Lanesville, Mass.....
Wilson & Scroggin, Labelle, Mo.....
Wilson & Son, Fitzwilliam Depot, N. H...
Wilson & Stein, Oketo, Kan.....
Winans Bros., Meshoppen, Pa.....
Windsor Stone Co., Windsor Mills, Ohio..
Winfield Stone Co., Winfield, Kan.....
Winn, John, Richland Center, Wis.....
Winnsboro Gran. Co., Charleston, S. C....
Winston, L. D., Winston, Va.....
Wint, N. S., Independence, Kan.....
Wisconsin Granite Co., Baraboo, Wis.....
Wisconsin L. & Stone Co., S. Germantown, Wis.....
Wisconsin Quarry Co., Genesee, Wis.....
Wisdom & Reed, Macon, Mo.....
Wise, Alexander, Winnemucca, Nev.....
Wise, John, Califon, N. J.....
Wisley, L. N., Mt. Eden, Cal.....
Wissler, Benj., Lincoln, Pa.....
Witham, N. D., Phillips, Me.....
Wochler & Pietsch, Spenceville, Cal.....
Wolcott, Chas. O., Buckland, Conn.....
Wolcott, L. J., Stonypoint, Mich.....
Wolfstown Mfg. Co., Wolfstown, Que.....
Wollaston Land Co., Wollaston, Mass.....
Wood, Chas., Brighton, Iowa.....
Wood, W. R., New York.....
Wood & Co., Lynchburg, Va.....
Wood, Frank & Co., Albany, Ore.....
Wood & Presley, Barre, Vt.....
Wood & Thorp, Barre, Vt.....
Woodbury Granite Co., Woodbury, Vt..
Woodbury & Langdon, Barre, Vt.....
Woods, Sam'l, Hanoverville, Md.....
Woods & Lewis, Montpelier, Ind.....
Woods & Kline, Marble, Colo.....
Woodside, A. P., Brunswick, Me.....
Woodstock Granite Co., Woodstock, Md..
Woodward & Willis, Roseburg, Ore.....
Woodworth, F., Burlington, Vt.....
Woodworth, Lee, Wheeler, Ohio.....
Wooster, C. B., Ansonia, Conn.....
Worcester Land Imp. Co., Worcester, Mass.....
Worthington, J.W. & Co., Birmingham, Ala.
Wright, H. D., Graniteville, Mass.....
Wright & Lindsley, Orange, N. J.....
Wright, Lyons & Co., Springfield, Mass..
Wunderlich, E., Joliet, Ill.....
Wurst Bros., Oak Park, Ill.....
Wyandotte Coal & Lime Co., Kansas City, Kan.....
Wyatt, J. T., Granite Millstone Mfg. Co., Faith, N. C.....
Wyman, Gruendyke & Co., San Diego, Cal.
Wyoming Blue Stone Co., Black Walnut, Pa.....
Yall, Wm., Ableman, Wis.....
Yamerthal Stone Co., Buffalo, N. Y.....
Yarmouth Marble Wks., Yarmouth, N. S.
York Haven Paper Co., Yorkhaven, Pa...
York & Bittenbender, Belvidere, N. J.....
Yorke, S., Toronto, Ont.....
Yorkes, S. S., East New Milford, Pa.....
Yorks Quarry, Credit Forks, Ont.....
Young, Chas. & Co., Barre, Vt.....
Young, D. S., Augusta, Me.....
Young, Jas. A., St. Paul, Minn.....
Young, Nicholas, Tiffin, Ohio.....
Young, O. J., East Barre, Vt.....
Young Quarry Co., Allentown, Pa.....
Young, Wm., Clackamas, Ore.....
Young, W. H., Troy, N. Y.....
Young & Farrell, Joliet, Ill.....
Young & Knopp, Toledo, Ohio.....
Young & Son, Milford, N. H.....
Young, Wm. H., Jr., Troy, N. Y.....
Young, Wm. H. & Son, Troy, N.Y.....
Youngstown Pav. B. Co., Youngstown, O.
Youngstown Stone Co., Youngstown, O..
Zarley Stone Co., Joliet, Ill.....
Zarley & Baker, Joliet, Ill.....
Zeiser, John, Albany, N. Y.....
Zeller, John, Mazomanie, Wis.....
Zellner, Fred., Lykens, Ohio.....
Zener, Jas., Mifflin, Ohio.....
Ziegenfuss, G., Weaversville, Pa.....
Ziegler, C. W., Gettysburg, Pa.....
Ziehner, G. F., Belleville, Ill.....
Zimmerman, J., Manhattan, Colo.....
Zinch, John, Cincinnati, Ohio.....
Zophel, Chas., Grafton, Ill.....
Zorn, Horning & Co., Gibsonburg, Ohio.
Zuber, Victor, Jefferson City, Mo.....
Zuegelder, J. G., Gunnison, Colo.....

QUICKSILVER:

Abbott Quicksilver Mg. Co., San F., Cal..
Aetna Quicksilver Mg. Co., Boston, Mass.
Altoona Quicksilver Mining Co., Trinity Centre, Cal.....
Baker, J. C., Lower Lake, Cal.....
Bell Union Q. Mg. Co., San Francisco, Cal.
Black Bear Con. Quicksilver Mining Co., Calistoga, Cal.....
Black Butte Con. Quicksilver Mining Co., Portland, Ore.....
Black Hawk Mg. Co., San Simeon, Cal....
Boggs, L., Lakeport, Cal.....
Bullion Quicks'r Mg. Co., Middletown, Cal.
Cinnabar King Mg. Co., Healdsburg, Cal.
Cinnabar Mining Co. of British Columbia, Ltd., Vancouver, B. C.....
Consolidated Quicksilver Mining Co., Oak Hill, Cal.....
Cox, J. F., Trinity Centre, Cal.....
Eastern Quicks'r Co., San Francisco, Cal.
Fay Templeton Quicksilver Mine, Delta, Idaho .....
Gibson, A. A., Lower Lake, Cal.....
Great Eastern Quicksilver Mining Co., Oakland, Cal.....
Great Western Quicksilver Mining Co., Calistoga, Cal.....
Grimes Pass Quicksilver Mining Co., Pioneerville, Idaho .....
Harrison, E., Knoxville, Cal.....
Holmes, C. H., Kellogg, Cal.....
Keeny, F. W., Rutherford, Cal.....
Lake Mining Co., San Francisco, Cal....
McCauley, Jas., Oak Bar, Cal.....
McMillan Silver Mg. Co., Santa Rosa, Cal.
Marysville Tun. & Mg. Co., Marysville, Cal.
Moore, Judge, San Jose, Cal.....
Munz & Ransdell, Middletown, Cal.....
Napa Con. Quicks'r Mg. Co., Boston, Mass.
New Guadalcazar Quicksilver Mine, Ltd., Guadalcazar, Mex.....
New Idria Mg. Co., San Francisco, Cal...
Newcomb, B. M., Lidell, Cal.....
Northey, G. V., Sulphur Creek, Cal.....
Northey & York, Sulphur Creek, Cal.....
Oak Hill Quicks'r Mines, Middletown, Cal.
Oakville Mining Co., Oakville, Cal.....
Rathburn, J. P., Williams, Cal.....
Rocca, A., Calistoga, Cal.....
Seachart Quicks'r Mg. Co., Alberni, B. C..
Simpson, W. J., Integral, Cal.....
Siskiyou Con. Q. Mg. Co., San F., Cal...
Standard Quicks'r Mg. Co., San F., Cal..
Stayton Mining Co., Gilroy, Cal.....
Sulphur Bank Quicksilver Mining Co., San Francisco, Cal. .....
Vallejo Mining Co., Vallejo, Cal.....
Vaughan, Geo., Hollister, Cal.....
White Bros., Healdsburg, Cal.....
White, R., Lower Lake, Cal.....
Williams, Thos. N., Panoche, Cal.....

ROLLING MILLS:

Aetna Standard I. & S. Co., Bridgeport, O.
Akron Iron Co., Akron, Ohio.....
Alabama I. & Ry. Co., Sheffield, Ala.....
Alabama I. & S. Co., Ironaton, Ala.....
Alabama R. M. Co., Birmingham, Ala.....
Alabama Steel Works, Ft. Payne, Ala....
Aliquippa Steel Co., Pittsburg, Pa.....
Allegheny Iron Co., Iron Gate, Va.....
Allentown Iron Co., Allentown, Pa.....
Allentown Rolling Mills, Philadelphia, Pa.
Altoona Iron Co., Altoona, Pa.....
American Forge & R. Mill Co., Litchfield, Ill.
American Sheet Iron Co., Phillipsburg, N.J.
Ames, W. & Co., Jersey City, N. J.....
Anchor Iron & Steel Co., Newport, Ky...
Anderson-Du-Poy S. Co., Pittsburg, Pa...
Andover Iron Co. (Fur.), Phillipsburg, N. J.
Andrews Bros. & Co. (Mill & Fur.), Youngstown, Ohio .....
Andrews & Hitchcock Iron Co. (Fur.), Youngstown, Ohio.....
Antrim Iron Co. (Fur.), Mancelona, Mich.
Apollo Iron & Steel Co., Pittsburg, Pa....
Appalachian S. & I. Co. (Fur.), Bigstone Gap, Va.....
Arvica Mill, Nogales, Ariz.....
Ashland Coal & Iron Co. (Fur.), Ashland, Ky.....
Ashland I. & S. Co. (Fur.), Ashland, Wis.
Atha, Benj., & Illingworth Co., Newark, N.J.
Atlanta I. & S. Cast. Co., Atlanta, Ga....
Atlantic I. & S. Co. (Fur.), Newcastle, Pa.
Ayer, N. E. & Co., Portland, Ore.....
Baltimore Cop. Smelt. & Rolling Co., Baltimore, Md.....
Baltimore Iron & S. Co., Baltimore, Md..
Barnum-Richardson Co., (Fur.), Lime Rock, Conn. .....

ROLLING MILLS—Continued.

Bass Furnace Co., Rock Run, Ala.....
Bay State Furnace Co., Ft. Payne, Ala..
Beaver Falls Steel Wks., Beaver Falls, Pa.
Belfont Iron Works Co. (Fur. & M.), Ironton, Ohio.....
Bellefonte Furnace Co., Bellefonte, Pa....
Bethlehem I. Co. (Fur. & M.), S. Bethlehem, Pa.....
Birmingham Ry. Supply Co., Birmingham, Ala.....
Birmingham Rolling Mill Co., Birmingham, Ala.....
Blair I. & Coal Co. (Fur.), Phila., Pa.....
Blairsville R. Mill Co., Blairsville, Pa....
Blake Furnace Co., Shullsburg, Wis.....
Blake, George F., Wareham, Mass.....
Blandon, R. M., Reading, Pa.....
Bloomsburg Iron Co.(Fur.),Bloomsburg,Pa.
Boiling Spgs.I.C.(Fur.), Boiling Spgs. Pa.
Boonton Iron & S. Co., Boonton, N. J.....
Bridgewater I. Co., Bridgewater, Mass...
Brier Hill I. & C. Co. (Fur.), Youngstown, Ohio.....
Brilliant Steel & I. Co., Brilliant, Ohio...
Bristol I. & S. Co. (Fur.&M.), Bristol,Tenn.
Bristol Rolling Mill, Philadelphia, Pa....
Britton Rolling Mill Co., Cleveland, O....
Brooke, E. & G., Iron Co. (Fur. & M.), Birdsboro, Pa.....
Brown, Bonnell Iron Co. (Fur. & M.), Youngstown, Ohio.....
Brown & Co., Pittsburg, Pa.....
Bryden Horse Shoe Co., Catasauqua, Pa..
Buena Vista Steel Co., Buena Vista, Va..
Buffalo Furnace Co., Buffalo, N. Y.....
Bunker, C. A. (Fur.), Chicago, Ill.....
Burden Iron Co. (Fur. & M.), Troy, N. Y.
Burgess Steel & I. Wks., Portsmouth, O..
Calumet Furnace Co., So. Chicago, Ill....
Calumet I. & S. Co.(Fur.&M.),Chicago, Ill.
Cambria Iron Co.(Fur.&M.),Johnstown,Pa.
Cambridge Iron & S. Co., Cambridge, Ohio.
Cameron Furnace Co., Middletown, Pa....
Campbell Iron Co. (Fur.), Campbell, O....
Canada Iron Fur. Co., Montreal, Que.....
Canonsburg I. & S. Co., Pittsburg, Pa....
Canton Rolling Mill Co., Canton, Ohio....
Canton Steel Co., Canton, Ohio.....
Carbon I. Wks. (Fur.), Mauch Chunk, Pa.
Carbon Steel Co., Pittsburg, Pa.....
Cardiff Coal & I. Co. (Fur.), Cardiff, Tenn.
Carnegie Iron Co. (Fur. & M.), Johnson City, Tenn.....
Carnegie Steel Co.(Fur.&M.),Pittsburg,Pa.
Carp River Furnace Co., Detroit, Mich. .
Carpenter Steel Co., New York.....
Carrie Furnace Co., Pittsburg, Pa.....
Catasauqua Mfg. Co., Catasauqua, Pa....
Catoctin Mtn. Ore Co. (Fur.), Catoctin,Md.
Central Iron Works, Harrisburg, Pa.....
Central I. & S.Co.(Fur. & M.),Brazil, Ind.
Centre Mg. & Mfg. Co. (Fur.), Ironton, O.
Charcoal Blast Furnace, Ashland, Wis...
Charlotte Furnace, Pittsburg, Pa.....
Charlotte I. Wks. (Fur.), Rochester, N.Y.
Chartiers Iron & S. Co., Pittsburg, Pa....
Chateauquay Ore & I. Co., Plattsburg,N.Y.
Chattanooga Iron Co., Chattanooga, Tenn.
Cherokee Iron Co. (Fur. & M.), Cedartown, Ga.....
Cherokee I. Mfg. Co. (Fur.&M.), Rusk,Tex.
Cherry Valley I. Wks. (Fur. & M.), Leetonia, Ohio.....
Chess Bros., Pittsburg, Pa.....
Chester Steel Casting Co., Phila., Pa.....
Chestnut Grove Furnace, Idaville, Pa....
Chestnut Hill I.O. Co.(Fur.),Columbia,Pa.
Chickies Iron Co. (Fur.), Chickies, Pa....
Citico Furnace Co., Chattanooga, Tenn....
Clace Iron Co. (Fur.), Bloom Switch, O..
Claire Furnace Co., Sharpsville, Pa.....
Clare, Duduit & Co. (Fur.), Rempel, O....
Clark, Wm., Sons & Co., Pittsburg, Pa....
Cleveland Cliffs Iron Co.,Gladstone,Mich.
Cleveland Iron Co. (Fur.), Cleveland, O...
Cleveland R. M. Co., Cleveland, Ohio....
Cleveland Steel Co., Cleveland, Ohio.....
Clifton Iron Co. (Fur.), Ironaton, Ala....
Clinton I. & S. Co. (Fur.&M.),Pittsburg,Pa.
Coffin, Chas. E. (Fur.), Muirkirk, Md....
Cold Rolled Steel Co. of Pittsburg, Pittsburg, Pa.....
Colebrook & Cornwall, Lebanon, Pa.....
Coleman & Brock (Lebanon Furnaces), Lebanon, Pa.....
Coleman-Shields Co., Niles, Ohio.....
Colorado F. & I. Co. (Fur. & M.), Pueblo, Colo .....
Coleraine Iron Works, Redington, Pa....
Columbia Iron Co., Columbia, Pa.....
Columbia I. & S. Co., Uniontown, Pa.....
Columbia R. M. Co., Columbia, Pa.....
Columbus & Hocking C. & I. Co., Columbus, Ohio.....
Colwell & Page, Troy, N. Y.....
Combination S. & I. Co., Chester, Pa.....
Compania Industrial Mexicana, Chihuahua, Mexico .....
Compania Metilurgica, Mexico.....
Cooper & Hewitt (Fur.), Reigelsville, Pa..
Copake Iron Works, Copake, N. Y.....
Coplay Iron Co. (Fur.), Coplay, Pa.....
Corning Steel Co., Hammond, Ind.....
Cornwall Bridge Iron Co. (Fur.), Cornwall Bridge, Conn.....
Cornwall I. Co., Ltd. (Fur.), Cornwall, Pa.
Cranberry I. & S. Co.(Fur.),Cranberry,N.C.
Crane Iron Co. (Fur.), Philadelphia, Pa...
Crescent Steel Co., Pittsburg, Pa.....
Crown Point I. Co. (Fur.),Crownpoint,N.Y.
Crozer Iron Co. (Fur.), Roanoke, Va.....
Crumwold Furnace, Emaus, Pa.....
Curtins & Co. (Fur. & M.), Roland, Pa....
Cyclops Iron Works, Titusville, Pa.....
Damascus Steel Co., Des Moines, Iowa....
Davis Bros., Philadelphia, Pa.....
Dayton C. & I. Co. (Fur.), Dayton, Tenn..
Decatur Land Co., New Decatur, Ala.....
Deer Lake Co., Ishpeming, Mich.....
Delaware Iron Co., New Castle, Del.....
Delaware R. M., Phillipsburg, N. J.....
Dennison R. M. Co., Dennison, Tex.....
Denver Steel R. M. Co., Denver, Colo.....
Detroit Cop. & Brass R Mills Co., Detroit, Mich.....
Detroit Iron Fur. Co., Detroit, Mich.....
Detroit & Lake Sup. I. Co. (Fur.), Detroit, Mich.....
Diamond State Iron Co., Wilmington, Del.
Diamond Steel Co., Reading, Pa.....
Dilworth, Porter & Co., Pittsburg, Pa.....
Disston, H. & Sons, Philadelphia, Pa.....
Doe Valley Association (Fur.), Phila., Pa..
Dora Furnace Co., Pulaski, Va.....
Douglass Furnace, Sharpsville, Pa.....
Douglassville Iron Co., Ltd., Douglassville, Pa.....
Dover I. Co. of N. J. (Fur.), Dover, N. J..
Drager, John A.&Co.(Fur.),Ruby Hill,Nev.
Duke & McCoy, Harriman, Tenn.....
Duluth Mfg. Co., Duluth, Minn.....
Dunbar Furnace Co., Dunbar.....
Duncannon I. Co. (Fur. & M.), Duncannon, Pa.....
Eagle I. Co. (Fur. & M.), Spring Valley, Wis .....
Eagle I. & S. Co., Ironton, Ohio.....
East Lebanon Iron Co., Lebanon, Pa.....
Easton Sheet Iron Works, Easton, Pa....
Eckert & Bro. (Fur.), Reading, Pa.....
Edge Moor Iron Co., Edgemoor, Del.....
Edwards Iron Co. (Fur.), Woodstock, Ala.
Eleanor Iron Co., Tyrone, Pa.....
Elk Rapids I.Co.(Fur.), Elk Rapids, Mich.
Ellis & Lessig S. & I. Co., Ltd., Pottstown, Pa.....
Elmira I.&S.Rolling Mill Co.,Elmira, N.Y.
Elwood Tin Plate Co., Cleveland, Ohio....
Embreeville Fur., Embreeville, Tenn.....
Emlyn S. & T. Co., Summitville, Ind.....
Emmens Metal Co., Youngwood, Pa.....
Emporium Steel Co., Emporium, Pa.....
Erie Forge Co., Erie, Pa.....
Ervin, J. Overton (Fur.), Florence, Ala...
Etna Furnace Co., Etna, Ga.....
Eureka Cast Steel Co., Chester, Pa.....
Eureka I. & S. Works, Detroit, Mich.....
Everett Furnace, Everett, Pa.....
Ewald Iron Co., St. Louis, Mo.....
Excelsior Furnace, Ishpeming, Mich.....
Falcon I. & N. Works, Niles, Ohio.....
Falls Hollow Stay Bolt Co., Cuyahoga Falls, Ohio.....
Ferguson, A. & Co. (Fur. & M.), Colebrook, Pa.....
Findlay R. M. Co., Findlay, Ohio.....
Florence Cot. & I. Co. (Fur.),Florence,Ala.
Florence Furnace, Chicago.....
Flores Iron Works (Fur. & M.), Durango, Mexico .....
Fort Payne Furnace Co., Ft. Payne, Ala..
Foster, A. & Co., Philadelphia, Pa.....
Fosters Falls Mg. & Mfg. Co. (Fur.), Fosters Falls, Va.....
Franconia I. & S. Works, Wareham, Mass.
Franklin Fur. Co., Franklin Furnace,N.J.
Frankford Steel Co., Philadelphia, Pa....
Friend, J. W. & Co., Pittsburg, Pa.....
Gadsden-Ala. Iron Fur., Gadsden, Ala....
Gadsden Iron Co. (Fur.), Gadsden, Ala....
Galbraith & Plumer (Fur.), St. Ignace, Mich .....
Gaulbert, McFadden & Caskey, Phila., Pa.
Gaylord Iron Co. (Fur.), Detroit, Mich....
Gaysport Furnace, Hollidaysburg, Pa.....
Girard Iron Co. (Fur.), Girard, Ohio.....
Glasgow I. & S. Works, Pottstown, Pa....
Glasgow R. M., Lexington, Va.....
Glendon Iron Co. (Fur.), Easton, Pa.....
Globe Iron Co. (Fur.), Jackson, Ohio.....
Godcharles C. A. Co., Milton, Pa.....
Goshen R. M., Columbus, Ohio.....
Gourley, S. A., Saltsburg, Pa.....
Gracey Woodward I. Co. (Fur.), Clarksville, Tenn.....
Graham Furnace Co., Philadelphia, Pa....
Graham & Robinson (Fur.), Graham's Forge, Va.....
Great Western I. & S. Co. (Fur.), Seattle, Wash .....
Greenfield I. & N. Co., Greenfield, Ind....
Grove Bros. (Fur.), Danville, Pa.....
Grubb, Chas. B. (Fur.), Lancaster, Pa....
Grubb, E. B. (Fur.), Lynchburg, Va.....
Hainsworth S. Co. (Fur. & M.), Pittsburg, Pa .....
Hallahan, Gross & Co., Philadelphia, Pa..
Hamilton I. & S. Co., (Fur.),Hamilton,Ont.
Harriman Iron Co., Chattanooga, Tenn...
Harrisburg R. M. Co., Harrisburg, Pa....
Harvey Steel Co., Newark, N. J.....
Hayden P. Hardware Co., Columbus, O...
Heckscher, R. & Sons (Fur.), Phila., Pa..
Hecla I. & Mg. Co. (Fur.), Ironton, Ohio..
Heller & Bros., Newark, N. J.....
Hillman, T. T. & G. L. Morris, Birmingham, Ala.....
Hollidaysburg Iron & Nail Co. (Fur. & M), Hollidaysburg, Pa.....
Howe, Brown & Co., Pittsburg, Pa.....
Hubbard Co-op. Iron Co., Hubbard, Ohio..
Hudson Iron Co. (Fur.), Hudson, N. Y....
Hughes & Patterson, Philadelphia, Pa....
Hussey, Bins & Co., Pittsburg, Pa.....
Illinois Steel Co. (Fur. & M.), Chicago....
Indiana Iron Co., Muncie, Ind.....
Indiana Steel Co., Indianapolis, Ind.....
Industrial Mexicana Cia., Chihuahua,Mex.
Inland Steel Co., Chicago Heights, Ill....
Iron City & Hammondville Imp. Co., Pittsburg, Pa.....
Iron Cliffs Co. (Fur.), Negaunee, Mich....
Iron Mt. Ore & Fur. Co., Ironton, Wis....
Iron Structural S. Co., Ironton, Minn.....
Irondale S. & I. Co., Middletown, Ind.....
Ironton C. & I. Co. (Fur. & M.), Ironton,O.
Ironton Steel Co., Duluth, Minn.....
Iroquois Furnace Co., Chicago.....
Jackson I. Co. (Fur.), Glenlron, Pa.....
Janson Iron Co., Columbia, Pa.....
Jefferson Furnace Co., Oakhill, Ohio.....
Jefferson I. Wks. (Fur. & M.), Steubenville, Ohio.....
Jefferson Steel Co., Birmingham, Ala.....
Jenifer Iron Co. (Fur.), Jenifer, Ala.....
Jenkins Bros. & Lingle, Bellefonte, Pa....
Jennings Bros. & Co., Allegheny, Pa.....
Johnson, Geo. W., New Castle, Pa.....
Johnson, I. G. & Co., New York.....
Johnson & Co., Johnstown, Pa.....
Joliet Sheet R. M. Co., Joliet, Ill.....
Jones & Laughlins, Pittsburg, Pa.....
Jos. D. Potts (Fur.), Wyebrooke, Pa.....
Judson Mfg. Co., Oakland, Cal.....
Junction I.Co. (Fur.&M.),Wheeling,W. Va.
Juniata Fur. & Foundry Co., Phila., Pa...
Jupiter Furnace Co., St. Louis, Mo.....
Kaufman, J. M. (Fur.), Auburn, Pa.....
Kaufman, Wm. (Fur. & M.), Sheridan, Pa.
Kelley N. & I. Co. (Fur. & M.), Ironton,O.
Kemble Iron Co. (Fur.), Riddlesburg, Pa..
Kent Iron Co. (Fur.), Kent Furnace, Conn.
Keystone Iron Works, Reading, Pa.....
Keystone R. M. Co., Pittsburg, Pa.....
Kilner Mfg. Co., Newburg, N. Y.....
Kimberly, P. L. & Co., Sharon, Pa.....
King Furnace Co., Rockdale, Tenn.....
King, Gilbert & Warner (Fur.), Columbus, Ohio.....
King & Andrews Co., Chicago.....
Kinsley Iron & Machy. Co., Canton, Mass.
Kirkland Furnace, Kirkland, N. Y.....
Kirkpatrick & Co., Ltd., Leechburg, Pa...
Kittanning Iron Co., Kittanning, Pa.....
Knoxville Iron Co., Knoxville, Tenn.....
La Belle Iron Works, Wheeling, W. Va...
Lackawanna Iron & S. Co. (Fur. & M.), Scranton, Pa.....

La Belle Steel Co., Pittsburg, Pa.....
Lake Erie Iron Co., Cleveland, Ohio.....
Lake Superior Steel Co., Houghton, Mich..
Lalance & Gros Jean Mfg. Co., Harrisburg, Pa.....
Landon Iron Co. (Fur.), Chapinville, Ct..
Lanesborough Furnace, Lanesborough, Mass .....
Laramie Rolling Mills, Laramie, Wyo.....
Latrobe Steel Works, Latrobe, Pa.....
Laufman, P. H. & Co., Apollo, Pa.....
Laughlin & Co., Pittsburg, Pa.....
Lebanon Furnaces (Fur.), Lebanon, Pa....
Lebanon Iron Co., Lebanon, Pa.....
Lebanon Rolling Mills, Lebanon, Pa.....
Le Claire Steel Co., Belleville, Ill.....
Leesport Iron Co. (Fur.), Leesport, Pa....
Lehigh Steel & Iron Co. (Fur.), Allentown, Pa.....
Lehigh Zinc & Iron Co. (Fur.), Phila., Pa.
Leighton, J. & Sons, Chattanooga, Tenn..
Lewisburg I. & S. Co., Lewisburg, Pa....
Liberty I. Co. (Fur.), Liberty Furnace, Va.
Lickdale Iron Co., Lebanon, Pa.....
Licking R. M. Co., Covington, Ky.....
Lime Rock Iron Co. (Fur.), Limerock,Conn.
Linden Steel Co., Pittsburg, Pa.....
Lindsey & McCutcheon, Allegheny, Pa....
Lloyd, H. Sons & Co., Pittsburg, Pa.....
Lochiel Furnace Co., Harrisburg, Pa.....
Lockhart I. & S. Co., Pittsburg, Pa.....
Logan I. & S. Co. (Fur. & M.), Lewistown, Pa.....
Lone Star I.Co. (Fur.&M.), Jefferson, Tex.
Longdale I. Co. (Fur.), Longdale, Va.....
Longmans, R. & Son, New York.....
Longmead Iron Co., Conshohocken, Pa....
Lookout Iron Co., Harriman, Tenn.....
Los Angeles I. & S. Co., Los Angeles, Cal.
Low Moor I.Co.of Va.(Fur.),Lowmoor, Va.
Lucinda Furnace Co., Norristown, Pa....
Lukens I. & S. Co., Coatesville, Pa.....
Lynchburg I. Co. (Fur.), Lynchburg, Va..
McCormick & Co. (Fur.), Harrisburg, Pa.
McCoy & Linn (Fur. & M.), Milesburg, Pa.
McCullough Iron Co., Wilmington, Del....
McDonald, Jas. & Sons, Cincinnati, Ohio..
McGugin & Co. (Fur.), Olive Furnace, O..
McIlvain, Wm. & Sons, Reading, Pa.....
Mackintosh, Hemphill & Co., Pittsburg,Pa.
Macungie I. Co. (Fur.), Philadelphia, Pa..
Mahoning R. M. Co., Danville, Pa.....
Mahoning Valley I. Co., Youngstown, O..
Marshall Bros. & Co., Philadelphia, Pa....
Marshall Iron Co., Newport, Del.....
Marshalltown I. Wks., Marshalltown, Del.
Maryland S. Co. (Fur. & M.), Sparrows Point, Md.....
Mary Pratt Fur. Co., Birmingham, Ala...
Maumee R. M. Co., Toledo, Ohio.....
Max Meadows I. Co. (Fur.), Max Meadows, Va.....
Means, Kyle & Co. (Fur.), Hanging Rock, Ohio .....
Means & Russell I. Co. (Fur.), Ashland, Ky .....
Meiley, J. & R. (Fur.), Lebanon, Pa.....
Midland Blast Fur. Co., St. Louis, Mo....
Midland Steel Co., Muncie, Ind.....
Midvale Steel Co., Philadelphia, Pa.....
Millerton I. Co. (Fur.), Irondale, N. Y....
Millvalle Iron Co., Bennet, Pa.....
Milton Iron Co., Milton, Pa.....
Minerva Iron Co. (Fur.), Milwaukee, Wis.
Minneapolis R. M., Minneapolis, Minn....
Minnesota Blast Fur. Co., Chicago.....
Missouri Furnace Co., St. Louis, Mo.....
Mitchell, Tranter & Co., Cincinnati, Ohio.
Monongahela Furnace Co., McKeesport,Pa.
Monongahela I. & S. Co., Pittsburg, Pa..
Mont Alto I.Co.(Fur.&M.), Mont Alto, Pa.
Montgomery I. Co. (Fur.), Pt. Kennedy,Pa.
Montowa I.& S.Co.(Fur.& M.),Danville,Pa.
Moorehead Bros. & Co., Pittsburg, Pa....
Moorehead-McClean Co. (Fur. & M.), Pittsburg, Pa.....
Morewood & Co., Gas City, Ind.....
Mount Hope Iron Co., Somerset, Mass....
Muncie I. & S. Co., Muncie, Ind.....
Muncie-Muck Bar Co., Muncie, Ind.....
Masconteconge I. Wks.(Fur.),Stanhope,N.J.
Muskegon I. & S. Co., Muskegon, Mich...
Napier I. Wks. (Fur.), Nashville, Tenn....
Nashua I. & S. Co. (Fur.), Nashua, N. H..
National Furnace Co., De Pere, Wis.....
Neal, Wm. & Sons (Fur.), Bloomsburg,Pa.
Nemegyei, F. (Fur.), Independence, W.Va.
New Albany F. & R. M., New Albany, Ind.
New Birmingham Co. (Fur.), New Birmingham, Tex.....
New Albany Rail Mill Co.,Indianapolis,Ind.
New Birmingham I. & Imp. Co. of Texas (Fur.), New Birmingham, Tex.....
New Castle Steel Co., New Castle, Pa.....
New Castle Wire Nail Co., New Castle, Pa.
New England Steel Works, Worcester, Mass .....
New Haven R. M. Co., New Haven, Conn.
New Jersey S. & I. Co., Trenton, N. J....
New Jersey Z.&I.Co.(Fur.),Newark, N. J.
New River Min. Co. (Fur.), Ivanhoe Furnace, Va.....
New York City R. M., New York.....
New York Furnaces, Shawnee, Ohio.....
New York & Western C. Co. (Fur.), Columbus, Ohio.....
Newport R. M. Co., Newport, Ky.....
Norristown I. Wks. (Fur.), Norristown,Pa.
Norristown Steel Co., Norristown, Pa.....
North Branch Steel Co. (Fur. & M.), Danville, Pa.....
North Carolina S. & I. Co. (Fur.), Greensboro, N. C.....
North Lebanon Furnaces, Lebanon, Pa....
Northwestern I. Co. (Fur.),Milwaukee,Wis.
Northampton Iron Co. (Fur.), Freemansburg, Pa.....
Northern Furnace Co., Marquette, Mich..
Norton Iron Wks. (Fur.&M.), Ashland,Ky.
Nova Scotia S. Co. (Fur.), Ferrona, N. S.
Ohio Falls Iron Co., New Albany, Ind....
Ohio Iron Co., Zanesville, Ohio.....
Ohio I. & S. Co. (Fur.), Lowellville, Ohio.
Ohio Steel Co., Youngstown, Ohio.....
Old Alcalde Furnace, Rush, Tex.....
Old Dominion I. & Nail Works Co., Richmond, Va.....
Oliver I. & S. Co., Pittsburg, Pa.....
Ontario Rolling Mills, Hamilton, Ont.....
Oregon I. & S. Co. (Fur.), Oswego, Ore....
Osborne, D. M. & Co., Auburn, N. Y.....
Oswego Blast Furnace, Portland, Ore....
Otis Steel Co., Cleveland, Ohio.....
Oxford I. & N. Co. (Fur.&M.), Oxford,N.J.
Oxmoor Furnace, Oxmoor, Ala.....
Pacific R. M. Co., San Francisco, Cal.....
Paducah Iron Co. (Fur.), Paducah, Ky....
Painter, J. Sons & Co., Pittsburg, Pa.....
Park Bros. & Co., Pittsburg, Pa.....
Parkersburg Iron Co., Parkersburg, Pa....
Passaic R. M. Co., Paterson, N. J.....
Passaic Zinc Co. (Fur. & M.), Jersey City, N. J.....
Paxton Rolling Mills, Harrisburg, Pa.....
Peacock & Thomas, (Fur.), Lancaster, Pa.
Peninsular I. Co. (Fur.), Detroit, Mich...
Penn. Iron Co., Lancaster, Pa.....
Penn. Iron & C. Co., Canal Dover, Ohio..
Penn. Steel Co. (Fur. & M.), Steelton, Pa.
Penn. Steel Ref. Co., Philadelphia, Pa....
Peoria Steel & I. Co., Peoria, Ill.....
Perkins & Co. (Fur.), Sharpsville, Pa.....
Peters, John, I. Co. (Fur.), Ironton, Ohio..
Phoenix Furnace, Millerton, N. Y.....
Phoenix I. Co. (Fur. & M.), Phila., Pa....
Pine Lake I. Co. (Fur.), Ironton, Mich....
Pioneer Mg. & Mfg.Co.(Fur.),Thomas,Ala.
Pittsburg Forge & I. Co., Pittsburg, Pa..
Pittsburg Steel Casting Co., Pittsburg, Pa.
Pittsburg Tool Steel Co., Pittsburg, Pa....
Pomeroy I. & S. Co., Pomeroy, Ohio.....
Pompton Steel & Iron Co., Pompton, N. J.
Portage Iron Co., Duncansville, Pa.....
Portland R. M., Portland, Ore.....
Potts Bros. Iron Co., Pottstown, Pa.....
Potts, Jos. D. (Fur.), Wyebrooke, Pa.....
Pottstown Iron Co., Pottstown, Pa.....
Pottsville I. & S. Co., Pottsville, Pa.....
Powelton Furnace, Saxton, Pa.....
Premier Steel Co., Indianapolis, Ind.....
Presbitero, Martin (Fur.), Zimapan, Mex..
Princess Furnace, Glen Wilton, Va.....
Puget Sound I. Co. (Fur.), Irondale,Wash.
Pulaski Iron Co. (Fur.), Pulaski, Va.....
Pullman I. & S. Co., Pullman, Ill.....
Radford-Crane I. Co. (Fur.), Radford, Va..
Radford I. Co.(Fur.),Radford Furnace,Va.
Randolph Mill Co., Black Hawk, Colo.....
Raney & Berger I. Co. (Fur.), New Castle, Pa .....
Reading Bolt & Nut Works, Reading, Pa..
Reading Iron Co. (Fur.&M.), Reading, Pa.
Reading R. M. Co., Reading, Pa.....
Reed Island I. Co. (Fur.), Reed Island, Va.
Richmond I. Wks. (Fur.), Richmond Furnace, Mass.....
Rich Patch Iron Co.(Fur.),BuenaVista,Cal.
Riverside I. Wks., Wheeling, W. Va.....
Roane I. Co. (Fur. & M.), Rockwood,Tenn.
Roanoke Iron Co., Roanoke, Va.....
Roanoke R. M. Co., Roanoke, Va.....
Roberts, A. & P. Co., Philadelphia, Pa....
Roberts, J. D., Harriman, Tenn.....
Robesonia I. Co. (Fur.), Robesonia, Pa....
Robinson Bros. (Fur.), New York.....
Robinson Iron Co., Plymouth, Mass.....
Rock Run Furnace, Rock Run, Ala.....
Rockbridge Furnace, Goshen Bridge, Va..
Rockhill I. & C. Co. (Fur.), Rockhill Furnaces, Pa.....
Roebling, J. A. Sons Co., Trenton, N. J...
Rome Iron Co. (Fur.), Rome, Ga.....
Rome Merchant I. Co., Rome, N. Y.....
Rosena Fur. Co., New Castle, Pa.....
Round Mtn. Fur. Co., Round Mtn., Ala..
St. Louis Steam F. I. Wks., St. Louis, Mo.
Salem Furnace Co., Salem, Va.....
Salem Iron Co. (Fur.), Pittsburg, Pa.....
San Diego I. & S. Co., San Diego, Cal.....
Sanderson Bros. S. Co., Syracuse, N. Y..
Schaffer, Chas. (Fur.), Ishpeming, Mich..
Scottdale I. & S. Co., Scottdale, Pa.....
Secaucus Iron Co. (Fur.), Secaucus, N.J..
Seidel & Hastings Co., Wilmington, Del..
Seyfert, S. R. & Bros., Reading, Pa.....
Sharon Iron Co., Sharon, Pa.....
Sharon Steel Cast. Co., Sharon, Pa.....
Sharon V'y I. Co., Sharon Valley, Conn...
Sharpsville Fur. Co., Sharpsville, Pa.....
Sheffield C. I. & S. Co. (Fur.),Sheffield,Ala.
Shelby Iron Co., Shelby, Ala.....
Shelby R. M. Co., Helena, Ala.....
Shenandoah Fur. Co., Shenandoah, Va....
Shenango V'y S. Co. (Fur. & M.), New Castle, Pa. .....
Sheridan Furnace Co., Sheridan, Pa.....
Shoemaker, T. & Co. (Fur.), Bellefonte,Pa.
Shoenberger & Co., Pittsburg, Pa.....
Singer-Nimick Co., Pittsburg, Pa.....
Slatington R. M. Co., Slatington, Pa.....
Sligo Furnace Co., Sligo, Mo.....
Sloss I. & S. Co. (Fur.), Birmingham, Ala.
Smith, L. H. (Joanna Fur.), Joanna, Pa...
Somers Bros., Brooklyn, N. Y.....
South Baltimore R. M. Co., Baltimore, Md.
Southern I. Co. (Fur. & M.), Nashville, Tenn. .....
Southern Pacific Co., Sacramento, Cal....
Spang, Chaltant & Co., Pittsburg, Pa.....
Spang, J. K. (Fur.), Lenhartsville, Pa....
Spathite Iron Co. (Fur.), Florence, Ala...
Spearman Iron Co. (Fur.), Sharpsville, Pa.
Spring Lake I. Co. (Fur.), Fruitport, Mich.
Springfield Iron Co., Springfield, Ill.....
Standard Rolling Mill, New York.....
Standard Steel Casting Co., Thurlow, Pa..
Standard Steel Wks., Philadelphia, Pa....
Star Furnace Co., Jackson, Ohio.....
Star Tin Plate Co., Pittsburg, Pa.....
Steacy & Denney Co. (Fur.), Wrightsville, Pa .....
Sterling Steel Co., Pittsburg, Pa.....
Sternbergh, J. H. & Son, Reading, Pa....
Stewart I. Co. (Fur. & M.), Sharon, Pa....
Stickney I. Co. (Fur.), Baltimore, Md.....
Stony Creek R. M., Norristown, Pa.....
Struthers Iron & Steel Co., Struthers, Pa.
Summers Iron Works, Struthers, Ohio....
Sunbury Iron Works, Sunbury, Pa.....
Superior Steel Co., Pittsburg, Pa.....
Susquehanna Iron Co., Columbia, Pa.....
Sylvester & Co., Boston, Mass.....
Syracuse Steel Fdy. Co., Syracuse, N. Y..
Tacoma R. M., Burlington, Iowa.....
Talladega Furnace Co., Talladega, Ala....
Taylor I. & S. Co., High Bridge, N. J.....
Tecumseh I. Co. (Fur.), Tecumseh, Ala....
Temple Iron Co. (Fur.), Reading, Pa.....
Tennessee C.& I.R.R.Co.,Nashville, Tenn.
Terre Haute I. & S. Co., Terre Haute, Ind.
Texas Iron R. M., Tyler, Tex.....
Thames Iron Works, Norwich, Conn.....
Thomas Furnace Co., Niles, Ohio.....
Thomas Iron Co. (Fur.), Hokendauqua,Pa.
Thomdale Iron Wks. Co., Thomdale, Pa..
Tidewater Steel Works, Chester, Pa.....
Tonawanda I. & S. Co. (Fur.), N. Tonawanda, Pa.....
Topton Furnace Co., Topton, Pa.....
Tredegar Co., Richmond, Va.....
Trenton Iron Co., Trenton, N. J.....
Tropic Iron Co. (Fur.), Jackson, Ohio.....
Troy Steel & I. Co. (Fur. & M.), Troy,N.Y.
Trussville Fur. Co., Trussville, Ala.....
Trussville Fur. & Mg. Co., Trussville,Ala.
Tudor Iron Works, St. Louis, Mo.....
Tuttle, C. W. & Co., Auburn, N. Y.....
Tyrone Iron Co., Tyrone, Pa.....
Underwood, W.T.(Fur.),Birmingham, Ala.
Union I. Co. (Fur. & M.), Detroit, Mich..

ROLLING MILLS—Continued.

Union I. & S. Co., Youngstown, Ohio.....
Union R. M. Co., Cleveland, Ohio.....
Union S. & I. Wks., St. Joseph, Mo.....
United States Car Co., Anniston, Ala.....
United States I. & T. Plate Mfg. Co., McKeesport, Pa.....
Valentine I. Co. (Fur.&M.), Bellefonte, Pa.
Valley Steel Co., Belleville, Ill.....
Van Alen & Co., Northumberland, Pa....
Van Buren Fur., Van Buren Furnace, Va.
Vanderbilt, S. & I. Co (Fur.), Birmingham, Ala.....
Victoria Furnace Co., Goshen, Va.....
Vigo I. Co. (Fur.), Terre Haute, Ind.....
Virginia Iron & Ry. Co. (Fur.), Goshen Bridge, Va.....
Vulcan Iron Co., Richmond, Va.....
Wabash Iron Co., Terre Haute, Ind.....
Walker C.& I.Co.(Fur.),Rising Fawn, Ga.
Warren I. Co. (Fur.), Hackettstown, N. Y.
Warwick Iron Co. (Fur.), Pottstown, Pa..
Watts S. & I. Syn. (Fur. & M.), Middlesboro, Ky.....
Weber Bros., Clinton, Mo.....
Wellman I. & S. Co. (Fur. & M.), Philadelphia, Pa.....
Wellston Furnace Co., Wellston, Ohio....
Wellsville Plate & I. Co., Wellsville, O...
West End R. M. Co., Ltd., Lebanon, Pa...
West Sup. I. & S. Co. (Fur. & M.), West Superior, Wis.....
Westerman & Co, Lockport, N. Y.....
Western Tube Co., Kewanee, Ill.....
Wetherald R. M. Co., Frankton, Ind.....
Wharton Furnace, Port Oram, N. J.....
Wheatland Iron Co., Wheatland, Pa.....
Wheeler Furnace Co., Sharon, Pa.....
Wheeling S. & I. Co. (Fur. & M.), Wheeling, W. Va. .....
Whitaker Iron Co. (Fur. & M.), Wheeling, W. Va. .....
White River I. & S. Co., Muncie, Ind....
Wilkes R. M. Co., Sharon, Pa.....
Williamson Iron Co. (Fur.), Birmingham, Ala. .....
Williamsport Iron & Nail Co., Williamsport, Pa. .....
Wilmot & Hobbs Co., Bridgeport, Conn...
Windsor Locks St. Co., Bridgeport, Conn..
Wisconsin Furnace Co., Chicago, Ill.....
Witherbee, Sherman & Co. (Fur.), Pt. Henry, N. Y. .....
Wood, W. Dewees, Co., McKeesport, Pa..
Woodstock I. W. (Fur.), Anniston, Ala..
Woodward I. Co. (Fur.), Woodward, Ala..
Worth Bros., Coatesville, Pa.....
York I. Co. (Fur.), Minneapolis, Minn....
Zug & Co., Pittsburg, Pa.....

SALT:

Adams & Keisel Salt Co., Ogden, Utah.....
Alford, E. A., Syracuse, N. Y.....
Allen, W. B., Ogdensburg, N. Y.....
American Dairy Salt, Syracuse, N. Y.....
American Salt Co., Alvarado, Cal.....
Antelope C. Salt Co., Sites, Cal.....
Arff, F., Mt. Eden, Cal.....
Ashland Lime, Salt & Cement Co., Ashland, Wis. .....
Barker, C. C., Bay City, Mich.....
Baron, Capt. Richard, Mt. Eden, Cal.....
Bartman & Rust, Bay City, Mich.....
Barton Salt Co., Hutchinson, Kan.....
Bliss Salt & Oil Co., Bliss, N. Y.....
Bliss & Van Auken, Saginaw, Mich.....
Boyce, Jonathan, Bay City, Mich.....
Bradley Salt Co., New York.....
Brand & Hardin, Saginaw, Mich.....
Briggs & Cooper, Saginaw, Mich.....
Brown & Ryan, East Saginaw, Mich.....
Buckeye Salt Co., Pomeroy, Ohio.....
Butler Chemical Co., Butler, Pa.....
Campbell, H. M., Bay City, Mich.....
Canfield & Wheeler Co., Manistee, Mich...
Cape Cod Coarse Salt Co., Syracuse, N. Y.
Carpenter & Co., West Bay City, Mich....
Caseville Salt Co., Caseville, Mich.....
Castanos y Hermanos, Talpa, Mexico.....
Castile Salt Co., Castile, N. Y.....
Ceroste y Cia. Talpa, Mexico.....
Chapman, E. C., Carrollton, Mich.....
Clark, G. A. & A., Syracuse, N. Y.....
Clifton Salt & Bromine Co., Clifton,W.Va.
Coal Ridge Salt Co., Pomeroy, Ohio.....
Conklin & Sons, Madison, Wis.....
Corkings, P., Syracuse, N. Y.....
Crawford, A. H., Liverpool, N. Y.....
Croze, Jos., Houghton, Mich.....
Crystal Salt Co., Haverstraw, N. Y.....
Crystal Salt Works, Hutchinson, Kan.....
Curran, Flatch & Conely, Caseville, Mich.
Davidson & Wonsey, Marine City, Mich...
Detroit Mill, Bay City, Mich.....
Diamond Crystal Salt Co., St. Clair, Mich.
Diamond Salt Co., Hutchinson, Kan.....
Dirigo Salt Co., Readfield, Me.....
Dodge Lumber Co., Monroe, Wis.....
Draper & Porter, Syracuse, N. Y.....
Duncan Salt Co., Silver Springs, N. Y.....
Earlton Salt Wks. Co., Ltd., Warwick, Ont.
Eastman Lumber Co., Saginaw, Mich.....
Eddy, Avery & Eddy, Bay City, Mich....
Eddy Bros. & Co., Bay City, Mich.....
Ely, Foster, Syracuse, N. Y.....
Empire Coarse Salt Co., Syracuse, N. Y..
Empire Dairy Salt Co., Warsaw, N. Y....
Enterprise Salt Wks., Brussels, Ont.....
Espy, D. A., Wellington, Kan.....
Fitch, E. S., Bay City, Mich.....
Folsom & Arnold, Bay City, Mich.....
Gandy, Barton, St. John, N. B.....
Garate, Mariano, Talpa, Mex.....
Genesee Salt Co., New York.....
Gleason, Lucius, Liverpool, N. Y.....
Hardin, Daniel & Co., Saginaw, Mich.....
Hartford City S. Co., Hartford City, W. Va.
Harvey, Robt., Troy, N. Y.....
Hauert, Henry, Appleton, Wis.....
Hawley Salt Co., Warsaw, N. Y.....
Hays, M. R., Syracuse, N. Y.....
Hendricks, G. W. & C.B.,Plumweseep,N.B.
Highland Coarse Salt Co., Syracuse, N. Y.
Hine, Theo., West Bay City, Mich.....
Holland & Emery L.Co.,East Tawas,Mich.
Holliday Salt Co., St. John, Ill.....
Hope Salt & Coal Co., Mason, W. Va.....
Howland, N., South Dartmouth, Mass....
Huron Dairy S. Co., Sand Beach, Mich...
Hutchinson Salt Co., Hutchinson, Kan...
Inland Crystal Salt Co., S. L. City, Utah..
Iosca Brine Supply & Salt Co., Ltd., East Tawas, Mich. .....
Jeremy & Co., Salt Lake City, Utah.....
Johnston, C. C., Salt Lake City, Utah....
Juhler, John J., Pomeroy, Ohio.....
Kidd, Joseph, Goderich, Ont.....
Killian, W., Syracuse, N. Y.....
Kingman Salt Co., Kingman, Kan.....
Leicester S. & Mg. Co., Cuylerville, N. Y.
Linton Mfg. Co., Saginaw, Mich.....
Liverpool S. & Coal Co., Hartford, W. Va.
Lone Star Salt Co., Colorado, Tex.....
Loud, H. M. & Sons, L. Co., Oscoda, Mich.
Lynch, D., Syracuse, N. Y.....
Lyon, T. R., Ludington, Mich.....
Lyons Rock Salt Co., Lyons, Kan.....
McGarva, John, Clinton, Ont.....
McGavock Bros., Beloit, Wis.....
McGraw, T. H. & Co., Bay City, Mich....
McKeever, A., Syracuse, N. Y.....
McKindley, Judson, Liverpool, N. Y.....
McMillan, Kittridge & Co., Petrolea, Ont.
Maddox, I. W. L., Stockbridge, Ga.....
Madrigal, Francisco, Ixtlan, Mex.....
Maloney, J., Syracuse, N. Y.....
Manitowoc L. & Salt Co., Manitowoc, Wis.
Mara, R., Syracuse, N. Y.....
Marchand, Zephirin, Three Forks, Que...
Marine City Salt & Brick Works, Marine City, Mich. .....
Marine City Stave Co., Marine City, Mich.
Martin, A., Syracuse, N. Y.....
Mathieson, Peter, San Lorenzo, Cal.....
Meade County S. Wks., Brandenburg, Ky.
Michigan Dairy Salt Co., Saginaw, Mich..
Michigan Pipe Co., Bay City, Mich.....
Michigan Salt Co., Saginaw, Mich.....
Midland Salt & Lum. Co., Midland, Mich.
Miller Salt Co., Warsaw, N. Y.....
Mitchell & McClure, Saginaw, Mich.....
Nephi Salt Mg. & Mfg. Co., Nephi, Utah..
Nessen, J. O., Manistee, Mich.....
Nevada Salt & Borax Co., San F., Cal....
Newton & Donnelly, Hartford, W. Va....
North Amer. Chemical Co., Goderich, Ont.
O'Donnell, W. A., East Saginaw, Mich...
Ogilvie, R. C., Port Hope, Mich.....
Ogilvie & Hutchinson, Goderich, Ont... ..
Ohlson, F., Mt. Eden, Cal.....
Olliver, Mrs. E. A., Mt. Eden, Cal.....
Oscoda Salt & L. Co., Oscoda, Mich.....
Pacific M. & M. Co., Virginia City, Nev..
Pack, Woods & Co., Oscoda, Mich.....
Peck, P. W., Syracuse, N. Y.....
Peery Fine Salt Co., Buffalo, N. Y.....
Pendergast, Patrick, Syracuse, N. Y.....
Pennsylvania Salt Mfg.Co.,Philadelphia,Pa.
Percy, Thomas, Ludington, Mich.....
Pere Marquette L. Co., Ludington, Mich..
Peter, Wm., Columbiaville, Mich.....
Queen City Salt Wks., Hutchinson, Kan..
Ransford, R. & J., Clinton, Ont.....
Reitz Salt & L. Co., Manistee, Mich.....
Rouse, W. B., Essexville, Mich.....
Royal Salt Co., Springfield, Ohio.....
Royal Salt Co., Mt. Morris, N. Y.....
Sage, H. W. & Co., Ithaca, N. Y.....
Saginaw L. & S. Co., Saginaw, Mich.....
Salina C. & F. Salt Co., Syracuse, N. Y..
Salina Salt Co., Salina, Utah.....
Salt Lake Gilsonite Co., S. L. City, Utah..
Salt Springs Solar Coarse Salt Co., Syracuse, N. Y. .....
Sands, Louis, Manistee, Mich.....
Smallys & Woodworth, Bay City, Mich...
Smith, J. & P., Liverpool, N. Y.....
Solomon Solar Salt Co., Solomon, Kan...
South End L. & S. Co., Bay City, Mich...
Stewart, Jas. & Co., Saginaw, Mich.....
Texas Salt Co., Colorado, Tex.....
Thomson Bros., Port Sanilac, Mich.....
Toledo Salt Co., Marine City, Mich.....
Tucksen, J. P., Mt. Eden, Cal.....
Tyler, S. W. & Son, Saginaw, Mich.....
Union L. & Salt Co., Stronach, Mich.....
United Salt Co., Cleveland, Ohio.....
Utah Forwarding Co., Salt L. City, Utah.
Utah Salt Co., Ogden, Utah.....
Wells, Stone & Co., Saginaw, Mich.....
Western Coarse Salt Co., Syracuse, N. Y..
Williams, E. Y. & Co., Bay City, Mich...
Windsor Salt Works, Windsor, Ont.....
Worcester Salt Co., New York.....

SILICA:

Chicago Floated Silica Co., Chicago, Ill...
Nottingham Silica Mg. Co., Chicago, Ill..
Whitton, W. H., St. Helena, Cal.....
Wright, J. A. & Co., Troy, N. H.....

SLATE:

Acme Slate Co., Bangor, Pa.....
Adams Slate & Tile Co., Northfield, Vt...
Aiken & Co., Pittsburg, Pa.....
Ainsworth, Hiram, Middle Granville, N. Y.
Albemarle Slate Co., Woodridge, Va.....
Allen, S. & Co., Fairhaven, Vt.....
Alpha Slate Co., Windgap, Pa.....
American Bangor Slate Co., Bangor, Pa..
American Black S. Co., New Jersey, Vt..
Amherst State Quarry, Chestnut, Va.....
Anchor Slate Co., Delta, Pa.....
Armifian Slate Co., Poultney, Vt.....
Auld & Congor, Bangor, Pa.....
Bacon Bros., Montreal, Que.....
Baker Red S. Co., North Granville, N. Y..
Bailliet, Paul E., Slatington, Pa.....
Baltimore & Peach Bottom Slate Co., Delta, Pa. .....
Bangor Central Slate Co., Bangor, Pa....
Bangor Centralia Slate Co., New York..
Bangor Co-op. Slate Wks., Bangor, Pa...
Bangor Excelsior Slate Co., Bangor, Pa..
Bangor Royal Slate Co., Bangor, Pa.....
Bangor Southern Slate Co., Bangor, Pa...
Bangor Superior Slate Co., Bangor, Pa...
Bangor Union Slate Co., Bangor, Pa.....
Bartlett, G. H., New York.....
Beck, Shoemaker & Roberts, Berlinsville, Pa. .....
Beedle, V. R., South Gardiner, Me.....
Beidler, S. M., Sands, Va.....
Biechy, Henry, & Co., Danielsville, Pa...
Big Quarry Slate Co., Arvonia, Va.....
Billings Slate Co., Hydeville, Vt.....
Bind, Ed., Placerville, Cal.....
Black Diamond Slate Co., Aquashicola, Pa.
Blanchard Slate Mg. Co., Blanchard, Me..
Bloss, H. W., Slatedale, Pa.....
Blue Diamond Slate & Ref. Co., Slatington, Pa. .....
Blue Valley Slate Co., Slatington, Pa.....
Bogler Bros., Castleton, Vt.....
Bomey, Arthur, & Co., Pen Argyl, Pa.....
Bonville Bros., Fairhaven, Vt.....
Bower S. & Pencil Quarry Co., New York.
Boyer, Beck & Co., Treichlers, Pa.....
Boysen, Dr. Thos., San Francisco, Cal.....
Bradin, R. W., Irene, Va.....
Bray, J., East Bangor, Pa.....
Bridgeport Slate Mantel Co., Bridgeport, Conn. .....

Brockway & Hughes, Granville, N. Y....
Brown, Washington, Slateford, Pa.....
Brown & Halesinger, Agnew, Pa.....
Brownville, Me., Slate Co., Brownville, Me.
Buckeye Slate Co., Poultney, Vt.....
California Slate Co., San F., Cal.....
Canawen Slate Co., Slatington, Pa.....
Carbon Slate Co., Slatington, Pa.....
Carvey & Mohr, Poultney, Vt.....
Caskie, Samuel, Slatington, Pa.....
Caskey & Emack, Berlinsville, Pa.....
Central Slate Co., Philadelphia, Pa.....
Chapman Slate Co., Chapman Quarries, Pa.
Chester County S. Co., Weaversville, Pa..
Chester Slate Co., Easton, Pa.....
Clayton, Alex., Granville, N. Y.....
Cloquett Slate Quarries, Cloquet, Minn..
Columbia Bangor Slate Co., Bangor, Pa...
Columbia Slate Co., Slatington, Pa.....
Cons. Lehigh Slate Co., New York.....
Coulman & Westcott, Fairhaven, Vt.....
Custard, Levi, Slatington, Pa.....
Danville Slate Quarry, Richmond, Que...
Danville Slate & Asbestos Co., Ltd., Danville, Que.
Davies, G. R. & Sons, Slatington, Pa....
Davis, G. R., Aquashicola, Pa.....
Delaware & Penryn S. Co., Slateford, Pa.
Denison, S. C., West Pawlet, Vt.....
Deslauriers Slate Co., Blanchard, Me....
East Bangor Con. S. Co., East Bangor, Pa.
East Bangor Northern Slate Co., East Bangor, Pa.
Edelman Bros., Edelman, Pa.....
Edelman's Hard Vein S. Co., Easton, Pa.
Edelman, J. A., Easton, Pa.....
Edwards & Roberts, Gate City, Va.....
Ellis Slate Co., Slatington, Pa.....
Enterprise Slate Co., Lynnport, Pa.....
Erb, D. W., Manheim, Pa.....
Eureka Slate Mfg. Co., Ltd., Slatington, Pa.
Evans, Edward W. & Co., West Bangor, Pa.
Florcey, S. & Co., Danielsville, Pa.....
Flory & Leho Hard Vein Slate Co., Easton, Pa.
Fox, J. H., Fairhaven, Vt.....
Francis & Thomas, Fairhaven, Vt.....
Frey, Enos, & Co., Delta, Pa.....
Fuller Brick & Slate Co., Pinegrove Furnace, Pa.
Fulmer, Henry, Slatington, Pa.....
Galt, J. & Sons, New York.....
Gap Slate Co., Slatington, Pa.....
Gardner, John, Portland, Pa.....
Georgia Slate Co., Knoxville, Tenn.....
Globe Hard Vein S. Co., Portland, Pa....
Goodwin, Metcalf & Co., Fairhaven, Vt..
Gorb, G. & Sons, New York.....
Griesemer & High, Reading, Pa.....
Griffith, Idwal, Danielsville, Pa.....
Griffith & Nathaniel, Poultney, Vt.....
Griffiths, T. R., Pawlet, Vt.....
Grigg, J. W., Boston, Mass.....
Hallfel Slate Co., Scranton, Pa.....
Hamlett Slate Co., Esmont, Va.....
Hanger R. Slate Wks., Hydeville, Vt.....
Hard Vein Slate Co., Belfast, Pa.....
Harding, Reimel & Co., Windgap, Pa.....
Harding, Wm. & Co., Pen Argyl, Pa.....
Harford Peach Bottom Slate Mfg. Co., Delta, Pa.
Hart, John, Allegheny, Pa.....
Harvey, B. F., Slateford, Pa.....
Hatch Hill Red. S. Wks., Whitehall, N. Y.
Hatch Hill Slate Wks., Fairhaven, Vt....
Hathenbruck, F. W. C., Provo City, Utah.
Hazard Slate Co., Fairhaven, Vt.....
Hebard, H. S., Rochester, N. Y.....
Henry, J. K., Lynnport, Pa.....
Henry, R. & Co., Danielsville, Pa.....
Hetzel, David B., Newton, N. J.....
Hottell, W. & J., Meadow Mills, Va.....
Hower, Franklin M., Danielsville, Pa.....
Hughes Slate Co., Belfast, Pa.....
Hughes Slate Co., Brownville, Me.....
Hughes, W. H., Pawlet, Vt.....
Hyatt School Slate Co., Bethlehem, Pa..
Imperial Slate Co., Windgap, Pa.....
Indian Creek Slate Co., Slatington, Pa...
Jackson Bros., Pen Argyl, Pa.....
Jackson Slate Co., Pen Argyl, Pa.....
Jervis Inlet Slate Quarry Co., New Westminster, B. C.
Jeter, J. T. & Co., Bethlehem, Pa.....
Johnson, E. J., Edelman, Pa.....
Johnson, E. J. & Co., New York.....
Jones, E. D. & Co., New Canton, Va.....
Jones, J. B., Lynnport, Pa.....
Jones, J. J., Castleton, Vt.....
Jones, Owens & Co., Fairhaven, Vt.....
Jones, R. L. & Co., Delta, Pa.....
Jones, R. Raymond, Walnutport, Pa.....
Jones, Robt. R. & Co., Slatington, Pa....
Jones, R. R. & Co., Middle Granville, N. Y.
Jones Slate Co., Windgap, Pa.....
Jones, W. W., Rockmart, Ga.....
Kays, H. K. & Co., Granville, N. Y.....
Keath, J. & Co., Bangor, Pa.....
Keck, M. J. & Co., Bangor, Pa.....
Kegerise, B. H., Reinholds Station, Pa...
Kendall & Jenkins, Fairlee, Vt.....
Kootenay Mg. & Smelt. Co., Pilot Bay, B.C.
Kern & Fuller, Slatington, Pa.....
Keystone Paint Co., Muncy, Pa.....
Keystone Slate Co., Chapman Quarries, Pa.
Keystone State Granite Co., Shenandoah, Pa.
Kilgore, G. L., Nicklesville, Va.....
Krauss, W. F., New Tripoli, Pa.....
Krauss & Sieger, New Tripoli, Pa.....
Krum, W. P., Krumsville, Pa.....
Kuntz, Henry, Slatington, Pa.....
Lackawanna Slate Co., Pen Argyl, Pa....
Lake Bomoseen Slate Co., Hydeville, Vt..
Lake Shore Slate Co., New Castleton, Vt..
Lakeside Slate Co., Monson, Me.....
Le Bar, Amos, Delaware Watergap, Pa....
Lehigh Coal & Hdwe. Co., Lehighton, Pa..
Lehigh Slate Co., Slatington, Pa.....
Lewis, John, Brodbecks, Pa.....
Litchfield, N. A., Hydeville, Vt.....
Lloyd, N. E., Slate Co., Poultney, Vt....
Lloyd, R. E., Fairhaven, Vt.....
Lloyd & Jones, Fairhaven, Vt.....
Lloyd & Jones, Poultney, Vt.....
Lobb, Wm. & Sons, Pen Argyl, Pa.....
Lomar, E., Dayton, Va.....
Lupton, W. B. & Co., Pittsburg, Pa.....
Luzerne Slate Co., Slatington, Pa.....
McDowell, G. & Co., Slatington, Pa.....
McHenry, Martin, Granville, N. Y.....
McHose, A. F., Lynnport, Pa.....
Magruder, H. E., Keswick, Va.....
Maley, M. & J., Fairhaven, Vt.....
Masters Bros., East Bangor, Pa.....
Masters, Wm., Pen Argyl, Pa.....
Mathews, H. H., Boston, Mass.....
Mayfield Slate Co., Solon, Mo.....
Meadow Brook Slate Co., Slatington, Pa..
Merrick, W. G., Esmont, Va.....
Merrill, A. A., Bangor, Me.....
Merrill Brownville S. Co., Brownville, Me.
Messinger, G. Frank, Belfast, Pa.....
Metropolitan Slate Co., Slatington, Pa....
Mettowell Red Slate Co., Granville, N. Y..
Meyer, W. H., Sharpsburg, Pa.....
Michigan Slate Co., Lansing, Mich.....
Middle Granville Slate Co., Middle Granville, N. Y.
Midvale Slate Co., Bangor, Pa.....
Miller, A. D., Phelps, N. Y.....
Minogue & Greer, Poultney, Vt.....
Monarch Slate Co., Bangor, Pa.....
Monson Lakeside Slate Co., Portland, Me.
Monson Maine Slate Co., Boston, Mass...
Moore, W. H., Gardiner, Me.....
Murphy, T. J. & Co., New York.....
Mutton, Anthony & Co., Newton, N. J....
National Slate Co., New York.....
Neff & Houck, Bangor, Pa.....
New Boston Red S. Co., Granville, N. Y..
New Empire Slate Co., Poultney, Vt.....
New Rockland Slate Co., Montreal, Que..
New Wales Hard Vein S. Co., Easton, Pa.
New York Slate Co., Bangor, Pa.....
Nightingale, R. & Co., Nanaimo, B. C.....
Nixon Red Slate Quarry Co., New York..
Noel, J. R., Byrdville, Va.....
Nolhacker, Chas., Scranton, Pa.....
Northampton Hard Vein Slate Co., Easton, Pa.
Northampton Slate Co., Bangor, Pa.....
Northfield Slate & Tile Co., Northfield, Vt.
North Bangor Slate Co., Bangor, Pa.....
North Bend Slate Co., Middle Granville, N. Y.
Norton Bros., Granville, N. Y.....
Old Bangor Slate Co., Bethlehem, Pa....
Old Lehigh Slate Co., Slatington, Pa.....
Owens & Closs, South Poultney, Vt.....
Owens, O. W., Sons, Pawlet, Vt.....
Parker, G. & Son, Poultney, Vt.....
Parry & Jones, Poultney, Vt.....
Peach Bottom Slate Co., Delta, Pa.....
Peerless Slate Co., Delta, Pa.....
Pennsylvania Hard Vein Slate Co., Easton, Pa.
Penryn Slate Co., New York.....
Pierce, C. H., Salem, N. Y.....
Pierce, O. J. & Co., Fairhaven, Vt.....
Pinkham & Co., Boston, Mass.....
Pitts, A. L., Orebank, Va.....
Portland Slate Co., Belfast, Pa.....
Prendergast Bros., Troy, N. Y.....
Price, M. S., Price's Fork, Va.....
Provo Slate Co., Provo, Utah.....
Quinn, Thos., Hydeville, Vt.....
Reading Slate Co., Wanamakers, Pa.....
Rehr & Fricker, Steinsville, Pa.....
Reliance Slate Co., Bangor, Pa.....
Reynolds, J. T., St. Stephens Church, Va.
Riley, H. & Son, Boston, Mass.....
Rising & Nelson, Pawlet, Vt.....
River Bend Slate Co., Treichler, Pa.....
Riverside Slate Co., Fairhaven, Vt.....
Roberts, J. J. & Co., Orebank, Va.....
Roberts, J. W. & Co., Poultney, Vt.....
Roberts, W. E., Wells, Vt.....
Robertson, Mary D., Vesuvius, Va.....
Rockmart Slate Co., Rockmart, Ga.....
Ronig & Oberholzer, Hatfield, Pa.....
Rowland, Owen, Lafayette, N. J.....
Rudolph, J. H., Walnutport, Pa.....
Ryan Slate Co., Bethlehem, Pa.....
St. Francis Slate Qy., Richmond, Que....
Saegersville Slate Quarrying & Mfg. Co., Slatington, Pa.
Saunders, C. J., Rockymount, Va.....
Sayre, John W. & Co., Bangor, Pa.....
Schwartz, L. & Co., Buffalo, N. Y.....
Scotch Hill Slate Co., Fairhaven, Vt.....
Scranton Iron & Coal Co., Slateford, Pa..
Seek No Further S. Co., East Bangor, Pa.
Seem, Sam. & Co., Edelman, Pa.....
Seiger, Amedus, New Tripoli, Pa.....
Sellers, J., Abbott, Va.....
Shaeffer, W. S. & Co., Sternsville, Pa...
Shannon & Co., Newburg, N. Y.....
Shark, P. B., Peters Creek, Pa.....
Sheridan, W., New York.....
Simpson, Jas. H. & Sons, Pen Argyl, Pa..
Slate Eng. & Mfg. Co., Portland, Me.....
Slates, J., Chautauqua, Kan.....
Slatington Slate Co., Slatington, Pa.....
Snowden Slate Co., Slateford, Pa.....
Snyder, Cornelius, Sandlake, N. Y.....
Southern Slate Co., Rockmart, Ga.....
Standard Slate Co., East Bangor, Pa.....
Stanley Slate Quarry, New London, N. C.
Staples & Co., Delaware Watergap, Pa....
Star Slate Co., East Bangor, Pa.....
State of Maine Slate Co., Blanchard, Me..
Staton & Jones, Lafayette, N. J.....
Stay, John, Moores, Pa.....
Steckel, A. P., Slatington, Pa.....
Stephens, Jackson & Co., Pen Argyl, Pa..
Stickley, A., Meadow Mills, Va.....
Stoneback, W., New York.....
Strahle, Jacob, Slate Co., San Francisco, Cal.
Susquehanna Slate Co., Delta, Pa.....
Sussex Slate Co., Newton, N. J.....
Taylor, Frank, Dublin, Md.....
Taylor, W. M., Castleton, Vt.....
Taylor & Jones, Castleton, Vt.....
Underhill, J. W., New York.....
Union Slate Co., Northfield, Vt.....
U. S. Slate Co., Bangor, Pa.....
Vail, M. H., Fairhaven, Vt.....
Valley Slate Co., Fairhaven, Vt.....
Vermont Slate Mg. Co., Poultney, Vt.....
Vermont Red Slate Co., Fairhaven, Vt..
Vermont Union Slate Co., Fairhaven, Vt..
Virginia Slate Mg. Co., Lynchburg, Va...
Walters, W., Philadelphia, Pa.....
Washington Slate Co., Slatington, Pa....
Waugh, J. B., Oldtown, Va.....
Weidenheimer, J. S., Kutztown, Pa.....
Weller, M., Portland, Pa.....
Welsh Slate Co., Delta, Pa.....
Welsh Slate Co., Fairhaven, Vt.....
West Bangor Slate Co., Bangor, Pa.....
Wheaton Quarry Co., Pittsford, Vt.....
White, T. H., St Louis, Mo.....
Whiteford, C. H. A., Delta, Pa.....
Whiteford & McLaughlin, Castlefin, Pa...
White Oak Slate Co., New York.....
Whitesell, Theo. & Co., Easton, Pa.....
Williams, B. A. & G. N., New York.....
Williams, David, Slatington, Pa.....
Williams, D. R., Fairhaven, Vt.....
Williams, Mrs. G., Granville, N. Y.....
Williams, Jasper, Chambersville, Va.....
Williams, J. M., Salem, N. Y.....
Williams, J. R. & Co., Richmond, Va....
Williams, J. W. & Co., Fairhaven, Vt....
Williams, Wm., Hyattstown, Md.....
Williams, W. E., West Bangor, Pa.....
Williams, W. H., Slateford, Pa.....

SLATE—Continued.

Williams Bros., Bangor, Pa.....
Williams Bros. Slate Co., Snowden, Va....
Williams, G. G. & Co., Walnutport, Pa...
Williams, J. E. & Co., West Bangor, Pa..
Williams & Schmid, Granville, N. Y.....
Williams Slate Co., Slateford, Pa.....
Wind Gap Slate Co., Windgap, Pa.....
Winsboro, W. A., New York.....
Wise, C. C., Bangor, Pa.....
Woodward, A. H. & Co., New York.....
Woodward, C. F. & Co., New York.....
York & Peach Bottom Slate Co., York, Pa.
Young, A. B., Fairhaven, Vt.....
Yule Creek S. M. Co., Colo. Spgs., Colo..
Zeller, Kehm & Kahn, Walnutport, Pa....
Ziegenfuse Slate Co., Seemsville, Pa.....

SMELTERS:

Alder, M. M. & S. Co., Council Bluffs, Iowa.
Amador Red. Wks., Suttercreek, Cal.....
American Cyanide G. & S. Red. Co., Florence, Colo. .....
American Economic Red. Wks., Florence, Colo. .....
American Smelt. Wks., Leadville, Colo..
Anchor Concentrat'g Co., Bingham, Utah.
Argo Smelting Co., Argo, Colo.....
Arizona Cop. Co., Ltd. (Con.), Clifton, Ariz.
Arizona Ore Co., Prescott, Ariz.....
Arkansas Val'y Smelter, Leadville, Colo.
Aspen Union Smelting Co., Aspen, Colo..
Austin Mg. Co. (Con.), Austin, Nev.....
Balbach Smelt. & Ref. Co., Newark, N. J.
Baltimore Mg. & Smelting Co., Baltimore, Md. .....
Bay Horse Smelter, Bay Horse, Idaho....
Beaumier Bros., Brenham, Tex.....
Belle of Titusville (Con.), Crystal, Colo...
Billings, J., Socorro, N. Mex.....
Bi-Metallic Smelt. Co., Leadville, Colo...
Bonehill, Louis & Co., St. Louis, Mo.....
Boston & Colo. Smelt. Co., Denver, Colo..
Boulder Smelt. Co., Helena, Mont.....
Bridgeport Copper Co., Bridgeport, Conn.
British Columbia Smelting & Refining Co., Trail Creek, B. C.....
Brooklyn Smelt. & Ref.Co., Brooklyn, N.Y.
Bullion Beck Concentrator, Eureka, Utah.
Carson Smelting Works, Butte, Mont.....
Chamberlain, W. J., Boulder, Colo.....
Central Ore Samp. Co., Pueblo, Colo.....
Chicago & Aurora S. & R. Co., Chicago..
Christian & Wilkie (Con.), Idaho Springs, Colo. .....
Collins, A. L. (Con.), Central City, Colo..
Colorado Smelting Co., Pueblo, Colo.....
Compania Minera Fundidora Afinadora, Monterey, Mex. .....
Conklin Sampling Wks., Salt Lake, Utah.
Consolidated Kansas City Smelting & Refining Co., Argentine, Kan. .....
Cowles Elec. Smelt. & Ref. Co., Lockport, N. Y. .....
Creedmoor M. & M. Co., Amethyst, Colo..
Crown Smelting Co., Chester, Pa.....
Cyanite Milling Co., Deadwood, S. D.....
Deadwood & Delaware Smelt. Co., Deadwood, S. D. .....
Deming Ore Co., Deming, N. Mex.....
Denver Public Sampling Works, Denver, Colo. .....
Detroit Copper Mg. Co., Morenci, Ariz...
Dixie Mg. & Smelt. Co., St. George, Utah.
Duquesne Mg. & Red. Co., Pittsburg, Pa.
Elgin Smelt. Co., Leadville, Colo.....
Elling, H. (Con.), Everett, Wash.....
Everett Smelt. & Ref. Co., Everett, Wash.
Falls Mine Concentrator, Igo, Cal.....
Fort Pitt Smelting Co., Pittsburg, Pa.....
Fullerton, John, Philadelphia, Pa.....
Fundidora y Afinadora Cia. Minera, Monterey, Mex. .....
Galena Smelter, Bingham, Utah.....
Germania Smelter, Salt Lake City, Utah..
Glendale Smelter, Glendale, Mont.....
Globe Smelting Co., Windsor, Colo.....
Globe S. & Ref. Co., Denver, Colo.....
G. & S. Ext. Co. of America, Ltd., Denver, Colo. .....
Golden Reward Mg. Co. Chlorination Works, Deadwood, S. D.....
Grant & Wilcox Con., Keystone, S. D....
Hall, G. W. & Co., Georgetown, Colo.....
Hall Mines, Ltd., Nelson, B. C.....
Hanauer Smelter, Salt Lake City, Utah..
Hardinge & Co., Denver, Colo.....
Harrison Red. Works, Leadville, Colo....
Heinze Smelting Co., Butte, Mont.....
Helena Mg. & Red. Co., East Helena, Mont. .....
Hidalgo Smelt. Co., Sultepec, Mex.....
Hogh Ore G. Mg. & Smelt. Co., Spokane, Wash. .....
Holden Smelt. & M. Co., Aspen, Colo.....
Jefferson Co. Mg. & Ore Co., Birmingham, Ala. .....
Juniper Cop. Mg. & S. Co., Sprucemont, Nev.
Kansas Zinc & Smelt. Co., Girard, Kan..
Keystone Custom (Stamp) Mill Co., Keystone, S. D. .....
Kilton G. Extraction Co., Denver, Colo...
Lanyon, Robert & Co., Pittsburg, Kan....
Lanyon, S. H. & Bro., Pittsburg, Kan....
Lanyon W. & J., Pittsburg, Kan.....
Lawrence Red. Wks., Cripple Creek, Colo.
Lead Mill Concentrator, Bingham, Utah..
Manuel, Moses, Helena, Mont.....
Mexican Ore Co., El Paso, Tex.....
Mingo Smelt. Co., Salt Lake, Utah.....
Mt. Vernon Mg. & Smelt. Co., Mt. Vernon, Wash. .....
National Base Ore Red. Co., San F., Cal..
National Smelting & Ref. Co., Chicago, Ill.
New Mex. & Ariz. Smelter, Ivanhoe, N. M.
New Tintic M. & S. Co., Chicago, Ill.....
Niagara M. & S. Co., Philadelphia, Pa....
N. W. Smelt. Works, Wallace, Idaho....
Omaha & Grant Sm. Co., Denver, Colo..
Orford Copper Co., New York.....
Pennsylvania Smelt. Co., S. L. City, Utah.
Perry, G. A., Philadelphia, Pa.....
Pettijean, T., Grass Valley, Cal.....
Phi-Kappa Concentrator, Stickney Mills, Idaho .....
Phoenix Copper Co., Phoenix, Mich.....
Pilot Bay Smelter, Pilot Bay, B. C.....
Pioneer Reduction Co., Nevada City, Cal..
Pittsburg Red. Co., Pittsburg, Pa.....
Pittsburg Smelt. & Ref. Co., Pittsburg, Pa.
Platt, Chas. S. (Ref.), New York.....
Pueblo Ore Samp. Wks., Pueblo, Colo...
Pueblo Smelt. & Red. Co., Pueblo, Colo..
Puget Sound Red. Co., Everett, Wash....
Rico Smelting & Refining Co., Rico, Colo.
Rio Grande Smelt. Wks., Socorro, N. M..
Rocky Mt. Mg. Co. (Smelt.), Black Hawk, Colo. .....
St. Louis & Colo. S. Co., E. St. Louis, Ill.
St. Louis S. & R. Co., St. Louis, Mo.....
San Juan Smelting Co., Durango, Colo....
Selby Smelt. Works, San Francisco, Cal..
Silverton Smelt. & Mg. Co., Silverton, Colo. .....
Sinaloa Smelt. & Ref. Co., Chicago, Ill...
So. Cal. Smelt. & Ref. Co., Los Angeles, Cal.
Spokane Smelter, Spokane, Wash. .....
Standard G. Mg. Co. (Smelt.), Hillsboro, N. Mex. .....
Standard Smelt. & Ref. Co., Durango, Colo.
Stockton Concentrator, Eureka, Utah.....
Summit Mg. Co., Denver, Colo.....
Tacoma S. & Ref. Co., Tacoma, Wash....
Thies Process Conc., Creighton, Ga.....
Tucson Mg. & Smelt. Co., Tucson, Ariz..
Tucson Sampling Wks., Tucson, Ariz....
Union Mg. & Smelt. Co., St. Louis, Mo....
Union Ore Sampling Wks., Denver, Colo.
Union Smelter, Leadville, Colo.....
United Smelting & Ref. Co., New York..
United States Pub. Samp. Co., Helena, Mont. .....
Wythe L. & Z. Mg. Co., Austinville, Va.

SULPHUR:

Arminius Sulph. Mg. Co., Tolersville, Va.
Davis Sulphur Ore Co., Rowe, Mass.....
Dickert & Meyers, Salt Lake City, Utah..
High Falls Sulphite Pulp & Mining Co., Pyrites, N. Y. .....
Purl, Miguel, Guanajuato, Mex.....
Sulphur Mines Co. of Va., Richmond, Va.

TALC:

Cohutta Talc Co., Spring Place, Ga.....
Haile, Fred H., Edwards, N. Y.....
Haile, F. H., Gouverneur, N. Y.....
Kinsey, A., Kinsey, N. C.....
Notte Con. Marble, Iron & Talc Co., Kinsey, N. C. .....
Rickard & Hewitt, New York.....
Spanish River Talc & Nickel Mining Co., North Bay, Ont. .....
Tweed River Talc Co., Stockbridge, Vt....

TIN:

Black Hills Mg. Co., Rapid City, S. D....
Black Hills Mg. & Smelt. Co., Rapid City, S. D.....
Brooks, A., Carbonate, S. D.....
Burr, Geo., Hill City, S. D.....
Clark, Wood & Co., Custer, S. D.....
Coates, G. W., Hill City, S. D.....
Courier, Victor, Hill City, S. D.....
Engle, Aug. & Co., Hayward, S. D.....
Everly & Price, Etta Mine, S. D.....
Francis & Co., Rapid City, S. D.....
Franklin, Mrs. Wm., Etta Mine, S. D.....
Gaylord & Russell, Custer, S. D.....
Girard & Co., Etta Mine, S. D.....
Good, John, & Co., Hill City, S. D.....
Hanna, J. W., Custer, S. D.....
Harney Pk. Tin M. & M. Co., New York.
Hebert, Frank, Hill City, S. D.....
Hennessey & Co., Bear Gulch, S. D.....
Herbert, Frank, Custer, S. D.....
Hues, H. & Co., Hayward, S. D.....
Hunt, E. L., Custer, S. D.....
Hydliff, Mark, Bear Gulch, S. D.....
Irish Creek Mine, Montebello, Va.....
Janassey & St. John, Bear Gulch, S. D....
Jensen & Jackson, Bear Gulch, S. D....
Kleeman & Co., Custer, S. D.....
McLaughlin & Co., Custer, S. D.....
McMaken & Co., Bear Gulch, S. D.....
Miller, C., Bear Gulch, S. D.....
Nigger Hill Tin Mg. Co., Bear Gulch, S.D.
Olds, Wm. & Co., Custer City, S. D.....
Ottershager, B., Hayward, S. D.....
Phelaw, J. & Co., Hill City, S. D.....
Reed, J. T., Etta Mine, S. D.....
Rhinebaater & Co., Lead City, S. D.....
Scott & Ward, Rapid City, S. D.....
Stephens Tin Co., Scranton, Pa.....
Sweeney & Co., Rapid City, S. D.....
Thomas, M., Hayward, S. D.....
Virginia Tin Mg. & Mfg. Co., Lexington, Va.
Von Woehrmann, C., & Bartley Bros., Hill City, S. D. .....
Wheelock, T. & Co., Etta Mine, S. D.....
Wheelock & Everly, Harney City, S. D..
White & Jensen, Bear Gulch, S. D.....
Woods & Co., Rapid City, S. D.....

DETAIL LIST BY STATES, TERRITORIES AND TOWNS

—OF—

Mining, Quarrying, Kindred and Dependent Industries

IN THE

UNITED STATES.

ALABAMA

ALDRICH, Shelby Co. Pop. 20. Ry. 279. Banking town Montevallo or Birmingham.
B.Coal—Montevallo Coal & Transportation Co. Montevallo mine. Slope. 35,000 tons. Steam.

AMERICA, Walker Co. P.O. and Ry. Hewitt, 838. Banking town Jasper.
B.Coal—American Coal & Coke Co.

ANNISTON, Calhoun Co. Pop. 10,100. M.O. Tel. Ry. 479; 838.
Gold—Anniston Gold Mining Co.
R.M.Fur.—Anniston Iron & Steel Co.
Lm.Coal—Anniston Lime & Coal Co.
Stone—Simon Jewell.
Iron—Marcus Stacks.
Roll.M.—United States Car Co., New York. One single, six double puddling. Six heating and one scrap furnace. Two trains rolls, one 18-inch muck and bar train. Five hammers, two 4,000 pounds, one 6,000 pounds. Car axles and merchant bar iron, 15,000 tons.
B.Fur.—Woodstock Iron Works. John D. Prest, pres.; Hoffman Atkinson, v. pres.; Thos. Glover, sec.; Wm. L. Doane, treas.; J. W. McCulloch, gen. man. Cap. stk., $2,000,000. Two charcoal, two coke furnaces (idle).

ARBACOOCHEE, Cleburne Co. Pop. 60. Ry. Heflin, 838. Banking town Edwardsville.
Gold—Arbacoochee Placer Mining Co.

ARKADELPHIA, Blount Co. Pop. 210. M.O. Ry. Blount Springs, 479. Banking town Warrior.
B.Coal—J. W. Lowry.

ATTALLA, Etowah Co. Pop. 1,275. M.O. Tel. Ry. 7; 193.
Iron—Attalla Mining & Manufacturing Co., Chattanooga, Tenn. Attalla mine. Tunnel, 275 feet; 50,000 tons; 275 days; 100 employes. Horse. J. K. Freeman, mine supt.
B.Coal—Thos. McCord.
Iron—Morange Mining Co.
Stone—W. H. Rhea.
B.Fur.—Southern Iron Co., Nashville, Tenn. Attalla Furnace; one stack, 55x11. Red and brown hematite ores. Car wheel pig. Annual capacity, 17,500 tons. Brand, "Attalla."
Iron—Stowers Mining Co. H. B. Walker, pres.; B. H. Stowers, sec.; W. F. Stowers, treas., gen. mgr. and buyer. Cap. stk., $2,000, pd. up. Tunnel 385 feet; 30,000 tons; 300 days; 40 employes. Mule tram cars. B. H. Stowers, mine supt.

BANGOR, Blount Co. Pop. 70. M.O. Tel. Ry. 479. Banking town Birmingham.
Stone-L.—J. W. Worthington, Birmingham, limestone, lime kilns.

BESSEMER, Jefferson Co. Pop. 4,530. M.O. Tel. Ry. 7; 279; 479.
Roll.M.—Alabama Rolling Mill Co. Twenty-three single puddling furnaces; three trains rolls. Bars, bands and light T rails. Capacity, 24,000 tons.
B.Coal—H. Begg.
B.Coal—Bessemer Land & Improvement Co.
Iron—Tennessee Coal, Iron & Railroad Co., Nashville, Tenn. Ishkooda, Redding, Wares, Fossil, Muscoda and Readers mines. Open pit. Slope, 1,500 feet. Red and brown ores; 1,500,000 tons; 300 days; 2,500 employes. Steam.

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BESSEMER—Continued.
B.Fur.—Coke, five stacks, four 75x17, one 60x12. Sixteen Whitewell stoves. Pig iron. Brand, "De Bardeleben."

BIRMINGHAM, Jefferson Co. Pop. 26,200. M.O. Tel. Ry. 7; 131; 415; 479; 503a; 838.
B.Fur.—Alice Furnace Co. (See Tenn. C. I. & Ry. Co.)
B.Coal—Birmingham Coal & Coke Co.
Roll.M.—Birmingham Railway Supply Co. Southern Rolling Mill. Twenty-five single puddling, three heating furnaces; three trains rolls. Merchant bar. Daily capacity, 50 tons.
Roll.M.—Birmingham Rolling Mill Co., Louisville, Ky. Ten double, three single puddling furnaces; seven annealing; six trains rolls. Bar, plate and sheet steel, 58,000 tons.
Coal-I.St.—Black Warrior Coal, Iron, Steel & Navigation Co.
B.Coal—Cahaba Southern Mining Co., 1st Ave. and 19th St. T. H. Aldrich, pres. and treas.; P. B. Thomas, v. pres. and gen. mgr.; J. N. Campbell, secy. Cap. stk., $30,000, pd. up. Mine at Blocton.
B.Coal—Coal City Coal & Coke Co.
B.Coal—Corilla Coal Co.
Stone—D. W. East & Co. Limestone.
Iron—Helen-Bess Mining & Quarrying Co., 2717 Av. G. F. E. Downey, pres.; E. J. McCrossin, M. E., secy. treas. and buyer; W. P. McCrossin, gen. mgr. Cap. stk., $10,000, pd. up. Red hematite ore.
Stone—Sandstone and "chert." Ship 30 cars daily.
B.Coal—Horse Creek Coal & Coke Co.
B.Coal—H. O. Hoyt.
B.Coal—Ivy Leaf Coal & Coke Co., 119½ N. 20th St. Walter Moore, pres.; John J. Moore, v. pres.; Thos. B. Hazelton, secy. and treas.; R. L. Williamson, m. e., supt.; J. S. Moore & Co., buyer of supplies. Pd. up cap. stk., $100,000. Operate 2½ miles R.R.. Mine at Horse Creek, Ala.
Smelter—Jefferson Co. Mining & Ore Co.
Roll.M.—Jefferson Steel Co. One 15-ton basic open hearth steel furnace. Steel ingots. Capacity, 8,000 tons.
Coal-I.—Lady Ensley Coal, Iron & R.R. Co.
B.Coal—Sterling S. Lanier.
B.Coal—Little Warrior Coal Co.
B.Coal—McKnight & Co.
Coal—McNamara Bros.
B.Coal—Mary Lee Coal & Railway Co., 2017 First Ave. J. A. Montgomery, pres.; Geo. W. Wash, v. pres.; F. M. Frazier, secy.; J. A. Montgomery, receiver. Mines at Lewisburg.
B.Fur.—Mary Pratt Furnace Co.
Iron—Morris Mining Co. Belton Gilreath, pres., gen. mgr. and buyer; J. M. Cartwright, secy. and treas. Cap. stk., $100,000. Mine at Redding.
B. Coal—Moss & Morson.
Ch.M.E.—J. H. Pratt, chemist and mining engineer, 1826 Third Av. Specialty: Phosphate. Properties examined and reported on.
M.E.—Erskine Ramsay, mining engineer, 1916½ Morris Av. Coal mining, washing, etc.
B.Coal—M. Rutter & Co.
Coal-I.—Sheffield & Birmingham Coal, Iron & R.R. Co.
Coal-I.—Sloss Iron & Steel Co. Thomas Sedden, pres.; E. W. Rucker, v. pres.; W. H. Sims, secy. and treas.; W. A. Major, buyer. Cap. stk., $4,000,000 in bonds. Iron ore, steam and coking coal. 1,250,000 tons. 3,000 employes; 4 washers; 800 coke ovens, 360,000 tons an. cap.
B.Fur.—Pig iron blast furnace. 4 coke furnaces; 4 stacks; 216,000 tons cap.; consumption raw material, 1,300,000 tons annually. Priestley Toulmin, chief engineer. Mines at Brookside, Coalburg and Blossburg.

BIRMINGHAM—Continued.
Iron—Smith Mining Co.
Coal-I.—Robert Stephens. Mines at Spaulding.
B.Coal-I.—Tennessee Coal, Iron and Ry. Co., Nashville, Tenn. Nat Baxter, jr., pres.; A. M. Shook, v. pres.; A. M. Adger, sec.; James Bowron, treas.; G. B. McCormack, gen. mgr.; W. F. Tyler, buyer of supplies. Cap. stk., $21,000,000. Operates 65 miles R.R.; 31 locomotives, 424 cars. Mines at Bessemer, Pratt City, Blocton, Blue Creek, Ala., and Tracy City, Tenn. Shafts, slopes and drifts: 3,500,000 tons; 300 days; 7,000 employes. Steam. Washer. 3,269 coke ovens, 900,000 tons. A. E. Barton, John Dowling, mine supts.
B.Fur.—Alice furnaces. Coke. Two stacks, one 75x15 and one 75x18. Three Gorden-Whitwell-Cowper stoves and three Whitwell stoves. Pig iron. 81,600 gross tons. Brand, "Alice." G. Hillman, furnace supt.
B.Coal—Thomas Coal Co. (Richard Thomas, W. E. Thomas and Wm. Bibby); partnership. Richard Thomas, gen. mgr. Mine at Little Warrior.
B.Coal—Turner Coal Co., Steiner Bldg. Chas. Turner, pres. and gen. mgr.; A. Latady, secy. and treas. Cap. stk., $20,000. Mine at Palos, Ala.
B.Fur.—W. T. Underwood.
B.Fur.—Vanderbilt Steel and Iron Co., New York. Coke furnace; one stack, 65x15½. Capacity, 22,000 tons pig. (Idle.)
B.Coal—Virginia & Alabama Coal Co. Mines at Patton.
B.Fur.—Williamson Iron Co.
Coal-I.—Worthington, Elliott & De Bardeleben.
Iron-St.—J. W. Worthington & Co.

BLOCTON, Bibb Co. M.O. Tel. Ry. 7; 479; 838.
B.Coal—Cahaba Coal Mining Co.
B.Coal—Cahaba Southern Mining Co., 1st Av. and 19th St., Birmingham. No. 1 mine; slope; 50 employes. Steam.
B.Coal—Tennessee Coal, Iron and Railroad Co., Nashville, Tenn. J. G. Moore, mine supt.

BLOSSBURG, Jefferson Co. Pop. 700. M.O. Tel. Ry. 838. Banking town Birmingham.
B.Coal—J. C. Patterson. West Pratt Mine. Slope and drifts, 2,500 ft.; 205,225 tons; 300 days; 300 employes. Washer.
B.Coal—Sloss Iron and Steel Co., Birmingham. Blossburg mines 1 and 2. Drift, 2,500 ft. 200,000 tons; 200 days; 400 employes. Steam. Washer. 150 coke ovens. 40,000 tons. (Leased to E. M. Tutwiler.)
Iron—Tutwiler Coal, Coke & Iron Co.

BLOUNTSVILLE, Blount Co. Pop. 288. M.O. Ry. Bangor. Banking town Warrior.
B.Coal—Z. Cornelius.

BLUE CREEK JUNCTION, Jefferson Co. P.O. Bessemer. Ry. 479.
B.Coal—Tennessee Coal, Iron and Railroad Co., Nashville, Tenn. Blue Creek mine. Jas. Cowie, mine supt.

BLUFFTON, Cherokee Co. Ry. 838. Banking town, Piedmont.
Iron—Bluffton Iron Co.
Iron—M. J. Linn.
Iron—V. Womack.

BRITISH, Bibb Co. Pop. 25. Ry. Randolph. Banking town Montevallo, Ala.
Iron—Shelby Iron Co., Shelby.

BROKEN ARROW, St. Clair Co. (See Coal City.)

BROOKSIDE, Jefferson Co. Pop. 380. M.O. Tel. Ry. 838. Banking town Birmingham.
B.Coal—Isaac Price & Co.
B.Coal—Sloss Iron and Steel Co., Birmingham. Brookside, Brazil and Cardiff mines. Drifts, 100 to 2,000 ft.; 250,000 tons; 200 days; 600 employes. Steam. Washer. 100 coke ovens, 30,000 tons. T. C. Culverhouse, mine supt.
B.Coal—E. M. Tutwiler.

BROOKWOOD, Tuscaloosa Co. M.O. Tel. Ry. 479. Banking town Tuscaloosa.
B.Coal—Standard Coal Co.

CARBON HILL, Walker Co. Pop. 568. M.O. Tel. Ry. 415. Banking town Jasper.
B.Coal—Jas. Bynum.
B.Coal—Carbon Hill & Lost Creek Coal Co.
B.Coal—Lost Creek Coal Co.
B.Coal—McDonald Coal Co. Duncan McDonald, pres., secy.-treas. and buyer; Alex. McDonald, v. pres.; Jno. McDonald, gen. mgr.; Jas. Gallacher, M. E., mine supt. Cap. stk., $20,000, pd. up. McDonald mine. Shaft, 55 ft. 35,000 tons; 270 days; 75 employes.
B.Coal—Morris-Goss Mining Co.

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CARDIFF, Jefferson Co. Pop. 200. Ry. 838. Banking town Birmingham.
B.Coal—Price & Co.

CEDARBLUFF, Cherokee Co. Pop. 194. M.O. Tel. Ry. 834. Banking town Gadsden.
B.Coal—Alabama Land, Mining & Mfg. Co.
Iron—Round Mountain Furnace.
Iron—J. R. Sewell.

CHAMPION, Blount Co. Tel. Ry. 479. Banking town Birmingham.
B.Coal—Champion Mining Co.

CLEMENTS DEPOT, Tuscaloosa Co. Pop. 40. Ry. 7.
B.Coal—Gould & Son.
B.Coal—Warrior River Coal Co.

COALBURG, Jefferson Co. Pop. 842. M.O. Tel. Ry. 838. Banking town Birmingham.
B.Coal—Sloss Iron and Steel Co., Birmingham. Coalburg mine. Drifts, 100 to 5,000 ft. 420,000 tons; 250 days; 700 employes. Steam. Washer. 280 coke ovens. G. W. Sherling, mine supt.
M.E.—Priestley Toulmin, mining engineer.

COAL CITY, St. Clair Co. M.O. Tel. Ry. 271. Banking town Birmingham.
B.Coal—Coal City Mining Co.

COALDALE, Jefferson Co. Pop. 729. Ry. 918a. Banking town Birmingham.
B.Coal—Coaldale Brick & Tile Co.
B.Coal—Warrior Coal & Coke Co.

COALING, Tuscaloosa Co. Pop. 200. Tel. Ry. 7. Banking town Tuscaloosa.
B.Coal—Coaling Coal & Coke Co. Perkins mine. Slope. Steam.
B.Coal—Wm. Gool & Co.

COAL VALLEY, Walker Co. Pop. 400. Ry. Oakman. Banking town Jasper.
B.Coal—Virginia & Alabama Coal Co., Birmingham.

COLLINSVILLE, Dekalb Co. Pop. 367. M.O. Tel. Ry. 7. Banking town Fort Payne.
Iron—W. H. Denson.
B.Coal—W. L. Watson. 100 tons. (Local.)
B.Coal—Wright & Adams.

CONNELLSVILLE MINES, Jefferson Co. Ry. 479.
B.Coal—Alabama Connellsville Coal & Coke Co.
B.Coal—Jos. Caning.

CORONA, Walker Co. Pop. 140 M.O. Tel. Ry. 838. Banking town Jasper.
B.Coal—Corona Coal & Coke Co.
Coal-I.—Corona Coal & Iron Co.

COTTONDALE, Tuscaloosa Co. Pop. 420. M.O. Tel. Ry. 7. Banking town Tuscaloosa.
Coal—W. W. Prude, jr.

CRUDUP, Etowah Co. Pop. 500. Ry. 7. Banking town Gadsden.
Iron—Etowah Mining Co. (see Attalla Mg. & Mfg. Co.), Chattanooga, Tenn. Etowah mine. Tunnels and slopes, 800 to 1,000 ft. 100,000 tons; 285 days; 300 employes.
Iron—G. W. Nixon.

CULLMAN, Cullman Co. Pop. 1,017. M.O. Tel. Ry. 479.
B.Coal—Fuller, Parker & Co.
B.Coal—Parker Coal Co.
B.Coal—Marcell Schmitt Coal Co.

DALE, Blount Co. Ry. 479.
Stone—Dale Limestone Co.
Stone—Pioneer Mining and Manufacturing Co., Thomas. Furnace fluxing limestone. 120,000 tons.

DARLINGTON, Franklin Co. Tel. Ry. 612.
Stone—The T. L. Fossick Co., Sheffield. Darlington quarries. Oolitic limestone; 50,000 cubic ft.; 290 days; 75 employes. Steam. Two stone mills, eight gangs each. 400 cubic ft. daily capacity.

DOGWOOD, Shelby Co. Ry. 838. Banking town Columbiana.
B.Coal—Harrison Coal Co.

DOLOMITE, Jefferson Co. Pop. 100. Banking town and Ry. Bessemer.
Iron—Woodward Iron Co.

EASTLAKE, Jefferson Co. Pop. 308. M.O. Ry. Woodlawn. Banking town, Birmingham.
Geol.—A. M. Gibson. Assistant Geologist Alabama Geological Survey.

EDGEWOOD, Elmore Co. Ry. Prattville. Banking town Montgomery.
Ochre—Gayle & Semple, Montgomery. 300 tons.

EDWARDSVILLE, Cleburne Co. Pop. 446. M.O. Tel. Ry. 838.
Gold—J. B. Merrill & Co.

ENSLEY, Jefferson Co. M.O. Tel. Ry. 415; 479; 838. Banking town Birmingham.
B.Coal—Robt. Stephens.
B.Coal—Tennessee Coal, Iron & R.R. Co., Nashville, Tenn.
B.Fur.—Ensley furnaces. Coke. Four stacks, 80x20 each. Four Gordon-Whitwell-Cowper stoves to each furnace. Pig iron. 239,000 gross tons. Brand, "Ensley." E. A. Barton, furnace supt.

FARILL, Cherokee Co. Ry. 838.
Iron—Z. T. Lawrence.

FLORENCE, Lauderdale Co. Pop. 6,012. M.O. Tel. Ry. 479; 506.
B.Fur.—J. Overton Ervin.
B.Fur.—Florence Cotton & Iron Co.
Iron—Florence Land, Mg. & Mfg. Co. Iron ore lands.
I.Fur.—Spathite Iron Co.

FT. PAYNE, Dekalb Co. Pop. 4,698. M.O. Tel. Ry. 7.
Roll.M.—Alabama Steel Works.
B.Fur.—Bay State Furnace Co.
Coal-I.—Fort Payne Coal & Iron Co.
B.Fur.—Fort Payne Furnace Co.

GADSDEN, Etowah Co. Pop. 4,110. M.O. Tel. Ry. 7; 145; 324; 479; 570; 838.
Iron—T. M. Anderson.
B.Coal—O. Christopher. $3,000. Little Gem Mine. Slope, 400 ft. 6,000 tons; 250 days; 8 employes. Steam.
B.Coal—C. A. Clayton.
B.Coal—Sam Clayton Coal Co.
B.Coal—Samuel Coin.
Iron—Fitzgerald & Smith. Lay mine. Tunnel, 500 ft. Red fossiliferous ore. 20,000 tons; 300 days; 25 employes. Horse. P. S. Fitzgerald, M. E. Lewis Smith, mine supt.
B.Fur.—Gadsden-Alabama Iron Furnace.
B.Fur.—Gadsden Iron Co., Gadsden, Ala.
Iron—J. W. Hammond.
Iron—Jas. G. Thompson.

GALLOWAY, Walker Co. M.O. Tel. Ry. 414; Carbon Hill. Banking town Jasper.
B.Coal—Galloway Coal Co., Memphis, Tenn.

GATE CITY, Jefferson Co. Pop. 508. M.O. Ry. 479. Banking town Birmingham.
Roll.M.—Alabama Rolling Mill Co.
B.Coal—Birmingham Mining & Mfg. Co.
Stone—M. Cabot.

GOETHITE, Tuscaloosa Co. Ry. name Gothite; 479.
Iron—Pioneer Mining and Manufacturing Co., Thomas. Goethite mine. Open pits. Brown hematite. 60,000 tons; 300 days. Washer.

HEFLIN, Cleburne Co. Pop. 383. M.O. Tel. Ry. 838. Banking town Edwardsville.
M.E.—Wm. M. Brewer, mining engineer. Specialty, mineralogy. Residence, Heflin; office, 819 Equitable bldg., Atlanta, Ga.
Gold—A. J. Mendenhall & Co.
Gold—Pinetucky Gold Mg. & Min. Land Co. Pinetucky mine. Leased to A. J. Mendenhall & Co. 10-stamp mill. Steam power.

HELENA, Shelby Co. Pop. 518. M.O. Tel. Ry. 479. Banking town Birmingham.
B.Coal—Echols Coal Co., 4 Main St. J. E. Ruffin, pres. and gen. mgr.; J. D. Ruffin, secy., treas. and buyer of supplies. Cap. stk., $5,000; pd. up, $3,500. Echols mines. Tunnel, 500 ft.; 5,000 tons; 260 days; 25 employes. J. E. Ruffin, mine supt.
B.Coal—H. Rich & Co.
Roll.M.—Shelby Rolling Mill Co.
Coal-I.—South Birmingham Coal & Iron Co.
B.Coal—Zenida Coal Co.

HISSOP, Coosa Co. Pop. 62. Ry. Kellyton, 131. Banking town Alexander City.
Gold—F. M. Darsey. Open pit. (Developing.)

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HORSECREEK, Walker Co. M.O. Tel. Ry. 415. Banktown Jasper.
B.Coal—Dora Coal Mining Co.
B.Coal—Ivy Leaf Coal & Coke Co., Birmingham. Ivy mines. Drift, 4,000 ft. 150,000 tons; 300 days; 300 employes. Steam. Breaker and washer. 200 coke ovens, 90,000 tons capacity. 2½ miles railway; 2 locomotives; 10 cars. R. L. Williamson, mine supt.
B.Coal—Thos. Price & Co.
B.Coal—Victor Coal Co.

HUFFMAN, Jefferson Co. Ry. Woodlawn, 131; 716; 838. Banking town Birmingham.
Iron—Stevens & Co.

IRONATON, Talladega Co. Pop. 563. M.O. Tel. Ry. 479.
Roll.M.—Alabama Iron & Steel Co.
B.Fur.—Clifton Iron Co.

IRONDALE, Jefferson Co. M.O. Tel. Ry. 7; 131; 838. Banking town Birmingham.
Stone—F. M. Cabot.
B.Fur.—Sloss Iron & Steel Co., Birmingham.

JACKSON, Clarke Co. Pop. 210. M.O. Tel. Ry. 544. Banking town, Mobile.
Ochre—Jackson Golden Ochre Co. A. M. Wing, pres.; A. Prim, secy. and treas. Cap. stk., $10,000. Jackson mine. Yellow ochre. Five tons daily. Steam.

JACKSONVILLE, Calhoun Co. Pop. 1,137. M.O. Tel. Ry. 271; 838.
Iron-St.—Jacksonville Iron & Steel Co.
Iron—Jacksonville Mining & Mfg. Co.

JASPER, Walker Co. Pop. 780. M.O. Tel. Ry. 415; 612a.
B.Coal—J. H. Hayes & Co.
B.Coal—Sims & McCormick.
B.Coal—Townley Coal & Coke Co. J. C. Neely, pres.; E. W. Cole, v. pres.; J. B. Carrington, M. E., secy., treas. and gen. mgr.; B. S. Williams, buyer. Cap. stk., $400,000, pd. up. Gamble mine. Slope, 40 ft. 150,000 tons; 280 days; 150 employes. Steam and compressed air. 300 coke ovens. A. P. Van Fleet, mine supt.

JENIFER, Talladega Co. Pop. 323. M.O. Tel. Ry. 479; 839.
B.Fur.—Jenifer Iron Co.

JOHNS, Jefferson Co. Ry. 479. Banking town Bessemer.
Iron—Tennessee Coal, Iron & R.R. Co., Nashville, Tenn.

KAOLIN, Dekalb Co. Ry. name Ragan, 716.
Iron—J. M. Cox.

LEONARD, Cherokee Co. Ry. Bluepond, 145.
B.Coal—David T. Adams.

LEWISBURG, Jefferson Co. Ry. 503a. Banking town Birmingham.
B.Coal—W. J. Gilmore & Bro.
B.Coal—Mary Lee Coal & Railway Co., 2017 First Av., Birmingham. J. A. Montgomery, receiver. Mary Lee No. 1 mine. Slope, 1,800 ft. 150,000 tons; 200 days; 380 employes. Steam. Coke ovens, 40,000 tons. Mine No. 2, 1 mile N.E. Operate 8 miles of ry.; 1 locomotive; 21 cars. John Reed, M. E., mine supt.

LIBERTY, Blount Co. Pop. 178. Ry. Bangor, 479. Banking town Cullom.
B.Coal—D. Bales.

LITTLEVILLE, Colbert Co. Ry. 73. Banking town Tuscumbia.
Iron—Linwood Mining Co.

LITTLE WARRIOR, Blount Co. Pop. 70. Ry. Swansea, 479. Banking town Birmingham.
B.Coal—Thomas Coal Co., Birmingham. Little Warrior mine. Slope, 1,000 ft.; 100 tons per day; 5 days week; 50 employes. Mules. Wm. Bibby, mine supt.

MEMPHIS, Pickens Co. Pop. 120. Banking town Macon, Miss.
B.Coal—Galloway Coal Co.

MICAVILLE, Cleburne Co. Ry. 838. Ship Heflin.
Gold—Alabama Gold Belt Mining Co., 44-70 La Salle St., Chicago. Pinetucky mine. Vertical shaft 90 ft. Tunnel, 200 ft. Free and refractory ore. 300 days; 10-stamp mill, 20 tons daily capacity. Steam. John Driesbach, M. E., mine supt.

MOBILE, Mobile Co. Pop. 31,076. M.O. Tel. Ry. 479; 544; 545a; 545.
Phos.—Mobile Phosphate Mfg. Co.
Atty.—Elliott G. Rickarby, attorney at law. General commercial practice and insurance law. Refers to any wholesale firm in Mobile. Compiler of the laws of Alabama for the RECORD. 74 St. Francois St.

MONTEVALLO, Shelby Co. Pop. 572. M.O. Tel. Ry. 838.
B.Coal—Montevallo Coal & Mg. Co.

MONTGOMERY, Montgomery Co. Pop. 22,500. M.O. Tel. Ry. 8; 131; 332a; 479; 930.
Ochre—Gayle & Semple. Mine at Edgewood.

MORRIS, Jefferson Co. Pop. 156. Tel. Ry. 475. Banking town Birmingham.
B.Coal—J. F. Rogers.

NATURAL BRIDGE, Winston Co. Ry. 612a. Banking town Jasper.
B.Coal—R. L. Blanton.
B.Coal—Natural Bridge Coal Co.

NAUVOO, Walker Co. Pop. 70. Ry. 73. Banking town Jasper.
B.Coal—Black Creek Co-operative Coal Co.
B.Coal—Tupelo Coal Co.

NEWCASTLE, Jefferson Co. Pop. 318. Tel. Ry. 479.
B.Coal—Milner Coal and R.R. Co. John T. Milner, pres.; H. W. Milner, secy. and treas. Cap. stk., $200,000, pd. up. Slope, 950 ft.

NEW DECATUR, Morgan Co. Pop. 3,655. M.O. Tel. Ry. 479.
B.Fur.—Decatur Land Co.

OAKMAN, Walker Co. M.O. Tel. Ry. 838.
B.Coal—Gaslight Coal Co.
B.Coal—Mountain Valley Coal & Coke Co.

OXMOOR, Jefferson Co. Pop. 560. Ry. 479. Banking town Birmingham.
B.Fur.—Tennessee Coal, Iron & Railroad Co., Nashville, Tenn. Eureka furnaces. Coke. Two stacks, 75x17. Seven Whitwell stoves. Pig iron. Brand, "De Bardeleben."

PALOS, Jefferson Co. Tel. Ry. 415. Banking town Birmingham.
B.Coal—Turner Coal Co., Birmingham. Turner mines. Slope. 30,000 tons; 60 employes.

PATTON, Walker Co. Pop. 378. M.O. Tel. Ry. 838. Banking town Jasper.
B.Coal—Deer Creek Coal Co. John G. Crooke, propr. Deer Creek mine. Drift. 60,000 tons; 200 days; 125 employes.
B.Coal—Virginia & Alabama Coal Co., Birmingham.

PRATT CITY, Jefferson Co. Pop. 2,000. M.O. Ry. via Ensley.
B.Coal—Tennessee Coal, Iron and Railroad Co., Birmingham. Erskine Ramsay, M. E., mine supt.

QUINTON, Jefferson Co. Ry. 415. Banking town Birmingham.
B.Coal—Reid & Glover.

RAGLAND, Saint Clair Co. Pop. 513. M.O. Tel. Ry. 271. Banking town Birmingham.
B.Coal—Brown Bros.
B.Coal—Hudson & Co.
B.Coal—Ragland Coal & Coke Co. W. T. Brown, pres., and secy.; A. Brown, v. pres. and buyer; J. R. Brown, treas. and gen. mgr. Cap. stk., $50,000; $25,000 pd. up. Ragland mine. Slope; 100 employes. Steam. Washers. Ten coke ovens, 50 tons daily capacity. J. R. Brown, supt.
B.Coal—St. Clair Coal Co.

REDDING, Jefferson Co. Pop. 474. M.O. Tel. Ry. 479. Banking town Birmingham.
Iron—Morris Mg. Co., Birmingham. Redding No. 2 mine. Slope 950 ft. Capacity 125,000 tons. Steam. (Idle.)

RENDALIA, Talladega Co. Ry. 479. Banking town Talladega.
Iron—Reynolds Iron Co.

ROCK RUN, Cherokee Co. Pop. 350. Ry. 838. Banking town Piedmont.
B.Fur.—Bass Furnace Co.
B.Fur.—Rock Run Furnace.
Iron—Rock Run Iron & Mining Co.
Baux.—Southern Bauxite Mining & Mfg. Co., Wilmington, Del.

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ROCKSPRING, Etowah Co. Ry. 479. Banking town Gadsden.
Stone—E. G. Eaton. Limestone quarry. Product used for fluxing ores and manufacture of lime.

ROUND MOUNTAIN, Cherokee Co. Pop. 255. Ry. 838. Banking town Gadsden.
B.Fur.—Round Mountain Furnace Co.

SCOTTSBORO, Jackson Co. Pop. 959. M.O. Tel. Ry. 506.
Gold—Jesse Brown.

SHEFFIELD, Colbert Co. Pop. 2,731. M.O. Tel. Ry. 479; 506; 612a.
Roll.M.—Alabama Iron & Railway Co.
Stone—The T. L. Fossick Co. T. L. Fossick, pres.; Geo. E. Fossick, v. pres.; Ed. T. Dunkerley, secy. and treas. Quarry at Darlington.
B.Fur.—Lady Ensley Coal & Iron Railway Co.
B.Fur.—Sheffield Coal, Iron & Steel Co.

SHELBY, Shelby Co. Pop. 762. M.O. Tel. Ry. 479. Banking town Columbiana.
B.Fur.—Shelby Iron Co. Mine at British.

SILURIA, Shelby Co. Pop. 76. Tel. Ry. 479. Banking town Birmingham.
Stone—R. E. O'Brien.

SLOSS, Jefferson Co. Pop. 265. Ry. 479. Banking town Birmingham.
B.Fur.—Sloss Iron & Steel Co., Birmingham.

SPAULDING, Jefferson Co. P.O. Birmingham. Ry. 479.
Iron—Pioneer Mining & Manufacturing Co., Thomas. Spaulding mine. Tunnel. Red hematite. 60,000 tons; 300 days. Steam and compressed air.
Iron—R. Stephens, Birmingham.

STEVENS, Jefferson Co. Ry. 479.
Iron—Pioneer Mining & Manufacturing Co., Thomas. Red Hematite mine. Tunnel. Red hematite ore. 50,000 tons; 300 days. Gravity planes.

TALLADEGA, Talladega Co. Pop. 2,063. M.O. Tel. Ry. 71; 479; 839.
Coal-I.—Alabama Construction Mining Co.
Iron—D. M. Rogers.
Iron—W. H. Skaggs.
B.Fur.—Talladega Furnace Co.
Gold—Talladega Gold Mining Co.
Stone—Tonawanda Tripoli Co., Tonawanda, N. Y.

TECUMSEH, Cherokee Co. Pop. 287. Tel. Ry. 838. Banking town Piedmont.
B.Fur.—Tecumseh Iron Co.

THOMAS, Jefferson Co. M.O. Tel. Ry. 479. Banking town Birmingham.
Iron—Pioneer Mining & Manufacturing Co. Edwin Thomas, pres. and gen. mgr.; Samuel Thomas, v. pres.; Geo. H. Myers, secy. treas.; Jno. H. Adams, M. E., buyer and mine supt. Operate 4 miles railroad; 7 locomotives. Two furnaces, 17x25. 110,000 tons foundry pig and coke iron. Mines at Goethite, Stephens and Spaulding. Limestone quarry at Dale.

TRUSSVILLE, Jefferson Co. Pop. 462. M.O. Tel. Ry. 7; 479. Banking town Birmingham.
Stone—W. N. Martin.
Iron—J. M. Sims.
B.Fur.—Trussville Furnace & Mining Co. R. D. Smith, pres. and gen. mgr. Cap. stk. $100,000, paid up.
Stone—Trussville quarry. Limestone. 40,000 tons; 20 employes.
B.Coal—Harry Wadkins.

TUSCALOOSA, Tuscaloosa Co. Pop. 4,215. M.O. Tel. Ry. 7; 893a.
B.Coal—Alabama Insane Hospital.
B.Coal—A. Durie.
B.Coal—Tide Water Coal Co. Geo. A. Searcy, pres., gen. mgr. and buyer; R. C. McCalla, Jr., v. pres.; J. M. Foster, secy. Cap. stk., $24,000. Tide Water mine. Slope. 300 days; 30 employes; 5 cars; 2 flat boats.

UNIVERSITY, Tuscaloosa Co. M.O. Ry. Tuscaloosa, 716.
Geol.—Eugene Allen Smith, A. M., Ph. D., Prof. of Geology, University of Alabama, State Geologist of Alabama, member A. A. A. S.; Geological Society of America; Alabama Industrial and Scientific Society.
Geol.—Henry McCalley, A. B., C. E. Assistant State Geologist of Alabama. A. B. and C. E. University of Virginia; member A. A. A. S.; American Institution of Mining Engineers; Geological Society of America; Alabama Industrial and Scientific Society.

WARRIOR, Jefferson Co. Pop. 1,237. M.O. Tel. Ry. 479.
Coal-I.—Hoene, Warrior & Jefferson Coal Co.
B.Coal—Mabel Mining Co. T. M. Davidson, pres. and treas.; L. K. Moss, secy., supt. and buyer. Capital stk., $50,000; $30,000 pd. up. Mabel mine. Tunnel 1,300 ft.; 50,000 tons; 200 days; 100 employes. Horse.
Coal-I.—Pearson Coal & R.R. Co.
Coal-I.—Watts Coal & Iron Co.

WOODSTOCK, Bibb Co. Pop. 147. M.O. Tel. Ry. 7; 861a. Banking town Blocton.
B.Fur.—Edwards Iron Co.

WOODWARD, Jefferson Co. Pop. 795. M.O. Ry. 415, 479. Banking town Birmingham.
Iron—Woodward Iron Co. Mine also at Dolomite.

ALASKA

ADMIRALTY ISLAND, ship. and P.O. Juneau.
Gold—Denver-Summit Gold Mining Co., 19 Pearl St., Boston, Mass. Denver, Summit, Fissure and Binder mines. Tunnel 100 ft. Free ore. Steam and water. Majloir Le Page, mine supt.

COAL BAY, Cooks Inlet.
C.Coal—Alaska Coal Co., 216 Sacramento St., San Francisco, Cal.
C.Coal—North Pacific Mining & Trans. Co., 216 Sacramento St., San Francisco, Cal.

DOUGLAS, Pop. 400.
Gold—Alaska-Mexican Gold Mining Co.
Gold-S.—F. Cook.
Gold—Drum Lummon Mining Co.
Gold-S.—Peter Johnson.
Gold-S.—Mexican Mining & Milling Co.
Gold-S.—Pansy Mining Co. Pansy mine. Tunnel. Free ore.
Gold-S.—Prof. Shutze.
Gold—Lytton Taylor.

DOUGLAS ISLAND, Pac. Coast Str.
Gold—Alaska-Treadwell Gold Mining Co., Mills Bldg., San Francisco, Cal. Alaska-Treadwell mine. Shaft and tunnel, 220 ft. Free ore. 240,000 tons; 300 days; 200 employes. Concentrator. 240-stamp mill; 660 tons daily capacity. Steam and water. Robt. Duncan, Jr., mine supt.

JACKSON, Pop. 100.
Gold-S.—Isaac Bomter.
Gold-S.—W. D. McLeod.

JUNEAU, Pop. 1,500. Pacific coast steamer.
Gold-S.—Alaska Improvement Co. F. D. Nowell, pres.; Jno. F. Maloney, v. pres., secy. and treas.; F. C. Hammond, gen. mgr. Cap. stk., $10,000, pd. up. Silver Queen mine. Tunnel. Free ore. 4,000 tons; 200 days; 25 employes. Ten stamp mill, 25 tons daily capacity. Water.
Gold—Alaska United Gold Mining Co.
Gold—Alaska-Willoughby Gold Mining Co.
Gold-S.—Aylward & McLaughlin.
Gold-S.—Bear & Comet mine.
Gold-S.—W. M. Bennet.
Gold-S.—Berners Bay Mining & Milling Co.
Gold-S.—Henry Boursin.
Gold-S.—Archibald Campbell.
Gold-S.—Carroll, Murray, Fuller & Wells.
Gold-S.—Eastern Alaska Mill & Mining Co.
Gold—Ebner Gold Mining Co. Wm. M. Ebner, pres., gen. mgr. and buyer; C. W. Young, v. pres.; B. M. Behrends, secy. and treas. Cap. stk., $500,000, pd. up. Tanka Group. Tunnel, 340 ft. and open pit. Free ore; 8,000 tons; 300 days; 24 employes; 10 stamp mill; 22 tons daily capacity. Water.
Gold-S.—Grainger & Co.
Gold-S.—Kamontaros Mining Co.
Gold-S.—Last Chance Placer.
Gold—Wm. McLernon.
G.S.L.—A. M. Noyes. Glacier mine. Gold, silver and lead. Refractory ore; 300 tons; 300 days; 7 employes.
Gold-S.—Silver Bow Basin Mining Co.
Gold-S.—Silver Queen Mining Co., Searchlight Bldg. A. K. Delaney, pres.; H. W. Sawyer, v. pres.; E. O. Sylvester, secy. and gen. mgr.; W. R. Curtis, treas. Cap. stk., $1,360,000. Silver Queen mine. Two

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JUNEAU—Continued.
shafts, 100 ft. each. Three tunnels, 700 ft. Refractory ore. 2,000 tons; 210 days; 30 employes. Concentrator. Thirty-five stamp mill, 10 tons daily capacity. Water. One and a quarter miles tramway; 3 cars.
Gold-S.—Starr & Reed.
Gold-S.—Takou Consolidated Mining Co.
Gold-S.—W. T. Webster.
Gold-S.—Willoughby & Weir.
Gold-S.—H. S. Wyman.

KILLISNOO, Pop. 100.
Gold-S.—Jas. McClaskey.

KODIAK, Pop. 500.
Gold-S.—Cooper Mining & Trading Co.

LORING, Pop. 225.
Gold-S.—Orlando Grant.
Gold-S.—Samuel Gullett.
Gold-S.—Richard Stack.

OMILAKVILLE, ship. Golovine Bay, Norton Sound.
G.S.L.—Omilak Gold & Silver Mining Co., 401 California St., San Francisco, Cal. Omilak mine. Shaft, 75 ft. Tunnels, 250 ft. Smelting ore.

SITKA, Pop. 2,000. Pac. Coast S.S.
Gold-S.—R. Allenstone.
Gold-S.—J. A. Becker.
Gold-S.—J. G. Brady.
Gold-S.—Eureka Mine.
Gold-S.—Nicholas Haley.
Gold-S.—Haley & Rogers.
Gold-S.—Hofstad Bros. & Co.
Gold-S.—P. L. Hope.
Gold-S.—Indian River Mining Co. (Wm. Millmore, A. E. Austin and T. S. Newell, owners). Wm. Millmore, gen. mgr. and supt. Cap., $10,000. New Archangel mine. Shaft, 200 ft. Tunnel. Free ore. Four employes. Also Thetis, Manhattan, Crown Point mines, and 5 extensions. Free ore. Gold and silver. (Developing).
Gold-S.—W. J. Jack.
Gold-S.—Lake Mountain Mining Co.
Gold-S.—Lucky Chance Mining & Milling Co.
G.S.N.—Wm. Millmore. Gold, silver and nickel.
Gold-S.—T. R. Mooney.
Gold-S.—Capt. Pande.
Gold—Silver Bay Mine.
Gold—Stewart Mine & Mill Co.
Gold—A. P. Swineford. Cap., $75,000. Lucky Chance mine. Shaft, 120 ft. Tunnel, 300 ft. Free ore. Frue concentrator. Five stamp mill, 12½ tons daily capacity. Water. J. C. Becker, mine supt.
Gold-S.—W. F. Turner.
Gold-S.—P. C. Weittenheller.

SUMDUM.
Gold-S.—Bald Eagle Mining Co., San Francisco, Cal. Bald Eagle and other mines. Tunnels, 250 ft. Free and concentrating ore. 3,500 tons; 250 days; 35 employes. Concentrator. Four stamp mill, 21 tons daily capacity. Water. P. Maul, mine supt.

UNGA, Unga Island. Pop. 175. Unga Island Str.
B.Coal—Coal Harbor Coal Mining Co., 401 California St., San Francisco, Cal. Coal Harbor mine. Bituminous and lignite. Shaft, 300 ft. (Idle).

ARIZONA

AGUA FRIA, Yavapai Co. Pop. 37. P.O. Ry. and banking town Prescott, 796.
Gold-S.—Hudson Bros.
Gold-S.—Frank McCabe. Gladstone mine. Shaft. Refractory ore.
Copper—Geo. Rohpeter.
Gold-S.—Willard Rice. Cornucopia mine. Shaft. Free ore.

ARIVACA, Pima Co. Pop. 250. Banking town and Ry. Tucson, 841.
Silver—Ates & Wieck. Redrock mine. Shaft. Free ore.
Gold-S.—Bogan & Trescott.
Gold-S.—W. Clark. Horn Silver mine. Shaft. Free and refractory ore.
Gold-S.—H. F. Diehe.
Gold-S.—J. P. Hedigan. Hedigan mine. Tunnel. Free ore. Stamp mill. Steam.
Gold-S.—New Colorado Mining Co.
Gold-S.—Salvador Pignatori.
Gold-S.—John Sexton.
Gold-S.—Silver Queen Mining Co.
Gold-S.—Frank Stegall.
Gold-S.—W. W. Wallace.
Gold-S.—Yellow Jacket Mining Co.

BISBEE, Cochise Co. Pop. 1,550. M.O. Tel. Ry. 23. Banking town Tombstone.
Copper—Copper Queen Consolidated Mining Co., 99 John St., New York. Copper Queen mine. Shaft. Refractory ore. Douglas smelting furnaces and processes. Ben. Williams, supt. and western buyer.

CEDAR, Mohave Co. Ry. Hackberry, 31. Banking town Prescott.
Gold-S.—Diamond Joe Mining Co.

CHERRY, Yavapai Co. Banking town and Ry. Prescott, 796.
Gold-S.—Jas. E. & J. Allen. Wheatley mine. Shaft. Free ore. Stamp mill. Water.
Gold-S.—F. Biffas.
Gold-S.—Jos. E. Brockman.
Gold-S.—Willis Cross.
Gold—Richard De Kuhn. Cap., $12,000. Mocking Bird and Alert mines. Shaft. Refractory and free ore. Steam. 10 stamp mill, 15 tons daily capacity. Wasp mine. Shaft, 200 ft. Refractory and free ore. Steam. 10 stamp mill, 15 tons daily capacity. Mine also at Prescott.
Gold-S.—Etta Mining & Milling Co.
Gold-S.—E. R. Hotsenpiller.
Gold-S.—Richard Lyon.
Gold-S.—Sutton McWhorton.
Gold—Mocking Bird Mining Co. (See R. DeKuhn.)
Gold-S.—G. H. B. Smith.

CLIFTON, Graham Co. Pop. 1,000. M.O. Tel. Ry. 22. Banking town Deming, N. Mex.
Copper—Arizona Copper Co. Ltd. Longfellow and other mines. Shafts and tunnels. Smelting and siliceous ores. Water and steam. Water jacket furnace and concentrator.
Gold-S.—Gold Cliff Mining & Reduction Co., 35 Broadway, New York. Micawber mine. Shaft, 120 ft. Free and refractory ore.

CONGRESS, Yavapai Co. Pop. 245. Tel. Ry. 796. Banking town Prescott.
Gold—Congress Gold Co. E. B. Gage, pres., treas. and gen. mgr.; F. M. Murphy, v. pres.; A. N. Gage, secy. Cap. stk., $1,000,000. Incline shaft, 1,400 ft. Gold and silver. Refractory ore. 40,000 tons; 300 days; 300 employes; 40-stamp mill, 110 tons daily capacity. W. F. Staunton, M. E., mine supt.

COPPER BASIN, Yavapai Co. Pop. 25. P.O. and Ry. Prescott, 796.
Iron—G. K. W. McNary.

COTTONWOOD, Yavapai Co. Pop. 30. Ry. Jerome, 902. Banking town Prescott.
Gold-S.—Munds, Campbell & Olden.

CROWNKING, Yavapai Co. Pop. 63. M.O. Banking town and Ry. Prescott, 796.
Gold-S.—Crowned King Mining Co.

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CURTIS, Yavapai Co. P.O. Big Bug. Ry. 841.
Gold-S.—Commercial Mining Co.

GILABEND, Maricopa Co. Pop. 165. M.O. Tel. Ry. 841.
Gold—Kosser Gold Mining Co.

GLOBE, Gila Co. Pop. 805. M.O. Tel. Ry. 891.
Gold-S.—Joseph Brewster.
Gold-S.—Jos. Henry.
Gold-S.—R. E. Humphrey. Shaft. Free ore.
Gold-S.—Geo. Kingdon.
Silver—McMillin Silver Mining Co., Santa Rosa, Cal. Steam. Stamp mill. (Idle).
Copper—P. Oates.
Gold-S.—Rescue Mining Co.
Gold-S.—C. Ruckelshausen. London mine. Shaft. Free ore.
Copper—Alex. Tripple.
Gold-S.—Wilson & Ikenberry.
Gold-S.—W. H. Woodson.

GOLD BASIN, Mohave Co. P.O. White Hills. Ry. Kingman, 30.
Gold-S.—Chas. Hand.
Gold-S.—S. C. Rome.
Gold-S.—M. Scanlon.
Gold-S.—Henry Schaefer. Mountain View mine. Shaft. Free ore.

GREATERVILLE, Pima Co. Pop. 68. Ry. Pantano, 841. Banking town Tucson.
S.-Lead—Anderson Bros. (J. E. and J. B.) Conglomerate mine. Shaft, 50 ft. Slope, 500 ft. Galena and lead carbonate. 150 days; 2 employes.
Gold-S.—E. B. Blumberg.
Gold-S.—F. F. Childers.
Gold-S.—P. J. Cuyn.
Gold-S.—Thos. Deering. Belmont mine. Tunnel. Refractory ore.
Gold-S.—Daniel Johnson.
Gold-S.—Robinson Bros.
Gold-S.—J. Saunders.
Gold-S.—Thos. W. Steele.

HARQUA HALA, Yuma Co. Pop. 796. Ry. Aztec, 841. Banking town Phoenix.
Gold-S.—Bonanza & Golden Eagle Mining Co. Gold Mountain mine. Shafts. Free ore. Stamp mill. Steam.
Gold—Hubbard & Bowers. Harqua Hala and other claims. Shaft. Free ore. Stamp mill. Steam.

KINGMAN, Mohave Co. Pop. 330. M.O. Tel. Ry. 36. Banking town Prescott.
Gold-S.—Bowers & Co. Night Hawk mine. Tunnel. Refractory ore.
Gold-S.—F. S. Dennis & J. J. Jerome.
Gold-S.—J. Lynch & F. S. Dennis.
S.-Lead—Manuel Martinez. Diamond Joe mine. Shaft, 240 ft. Three tunnels, 910 ft. Silver and lead. Smelting ore. (Idle).
Silver—Primrose Mining Co. Primrose mine. Shaft. Refractory ore.

MAMMOTH, Pinal Co. Pop. 50. Banking town and Ry. Tucson, 841.
Gold-S.—E. B. Jago.
Gold—Mammoth Gold Mine, Ltd., 257 Winchester House, E. C., London, Eng. Chas. Goodyear, secy. Cap. stk., $2,500,000: $2,000,000 pd. up. Mammoth mine. Shaft. Free ore. Stamp mill. Steam.

MINERAL PARK, Mohave Co. Pop. 70. Ry. Kingman, 30. Banking town Prescott.
Gold-S.—C. E. Sherman. Distaff mine. Shaft. Refractory ore. Steam.
Gold—Stephen Smith. Samoa mine. Refractory ore.

MORENCI, Graham Co. Pop. 760. M.O. Tel. Ry. Clifton, 22. Banking town Deming, N. Mex.
M.E.—Wythe Denby, mining engineer, care Arizona Copper Co., Ltd., Clifton, Ariz.
Copper.—Detroit Copper Mining Co. Wm. Church, pres.; Louis L. Sweeny, gen. mgr. and buyer. Shafts, tunnels and open cuts. Free and refractory ore. 3,600 tons; 250 employes. Concentrator. 200 tons daily capacity.

MORENCI—Continued.
Smlt.—Detroit Copper Mining Co. Copper smelter; 4 furnaces; 3 miles railway; 2 locomotives; 20 cars. Steam. Gordon McLean, mine supt.
Copper—Detroit Copper Mining Co. of Arizona, 99 John St., New York. Detroit mine. Shaft. Refractory ore. 200 employes. Developing.
M.E.Sur.—George M. Robison, mining engineer and United States deputy mineral surveyor.

NOGALES, Pima Co. Pop. 1,196. M.O. Tel. Ry. 30.
Copper—Arizona Copper Co.
Gold-S.—Henry Criss.
Silver—H. A. Reed.

ORO BLANCO, Pima Co. Pop. 50. Ry. Tucson, 841.
G.S.L.—Jenkins & Hacker. Silver Prince mine. Gold, silver, lead.
Gold-S.—Old Glory Mining Co.

PANTANO, Pima Co. Pop. 36. Tel. Ry. 841. Banking town Tucson.
Copper—N. B. McCleary.

PHOENIX, Maricopa Co. Pop. 4,000. M.O. Tel. Ry. 501; 796.
Gold-S.—Coyle & Coyle.
Gold-S.—Harqua Hala Gold Mining Co.
Onyx—McCasey & Luhrs. Commercial Hotel. (John McCasey and G. H. N. Luhrs.) Open pit.
Copper—Maricopa Copper Co.
Gold-S.—Phoenix Mining Co.

PRESCOTT, Yavapai Co. Pop. 2,000. M.O. Tel. Ry. 796.
Gold-S.—Alice Mining & Developing Co.
Gold-S.—J. W. Archibald & A. Korzik.
Assyr.—Arizona Ore Co. Sampling works.
Onyx—Big Bug Onyx Co.
Silver—Catocin Silver Mining Co.
Gold-S.—Chas. M. Clark.
Gold—Rich. DeKuhn, Cherry, Ariz. Alert mine. Shaft, 196 ft. Steam. 10 stamp mill, 15 tons daily capacity.
Gold-S.—Illinois Mining Co.
Copper—Jerome Mining Co.
Gold-S.—Lynx Creek Gold & Land Co.
Gold-S.—Lynx Creek Hydraulic Mines.
Gold-S.—John Mackin & John J. Philbin, Jr., 87 N. State St., Chicago. Gold Flake mine. Slope, 200 ft. Tunnels, 28, 45 and 70 ft. Free ore. 300 days; 32 employes. Ten stamp mill; 30 tons daily capacity. Steam. Jno. R. Murphy, mine supt.
Onyx—Wm. O. O'Neill. O'Neill onyx quarry. 11,000 cubic ft; 300 days; 7 employes.
Gold-S.—Senator Mining Co.
Gold-S.—Shuley & Webber.
Gold—Venezia Mining & Milling Co., 308 People's Bank Bldg., Denver, Colo. Tunnels, 2,500 ft. Refractory and free ore. 300 days; 10 employes. 25 stamp mill. 10 tons daily capacity.
Gold-S.—Webb & Meyers.

ROSEMONT, Pima Co. Ry. Pantano, 841.
Copper—Rosemont Smelting & Mining Co. L. J. Rose, pres.; W. B. McCleary, gen. mgr. and buyer. Cap. stk., $90,000, pd. up. Group of 30 mines. Shaft and tunnel. Free ore.
Smlt.—Smelter. 60 tons daily capacity. Steam.

SAN SIMON, Cochise Co. Pop. 30. Tel. Ry. 841.
Silver—T. R. Brandt. Animas mine. Incline shaft, 500 ft. Refractory Galena ore. 360 tons; 300 days; 3 employes.

SIGNAL, Mohave Co. Ry. Yucca, 31. Banking town Flagstaff.
Silver—Lester Mining Co., 204 Sansome St., San Francisco. 20 stamp mill. (Idle).

SILVERKING, Pinal Co. Pop. 215. Ry. Casa Grande, 841. Banking town Phoenix.
Gold-S.—Jessie H. Brown.
Gold-S.—Geo. Labb.
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SILVERKING—Continued.
Gold-S.—Jno. M. McCaffery.
Gold-S.—Jno. Paul.
Gold-S.—Jacob Pengilly.
Gold-S.—Dan'l Regan.
Gold-S.—Geo. Sarlich.
Gold-S.—Sam Thorpe.
Gold-S.—Richard Trevethan.
Gold-S.—R. S. Wright.

SKULL VALLEY, Yavapai Co. Tel. Ry. 796.
Gold-S.—Paul Laske.

STANTON, Yavapai Co. Ry. Congress, 796. Banking town Prescott.
Gold-S.—J. A. Conlee.

TOMBSTONE, Cochise Co. Pop. 1,900. M.O. Tel. Ry. Fairbank, 31; 23.
Gold-S.—Old Guard Mining Co.
Silver—Tombstone Mill & Mining Co., 139 S. 4th St., Philadelphia, Pa. 1,217 tons of ore; 20 employes.

TUCSON, Pima Co. Pop. 5,175. M.O. Tel. Ry. 841; 891a.
Geol.M.E.—William P. Blake, geologist and mining engineer. Director Arizona School of Mining.
Attny.—Charles Bienman, attorney and counsellor at law. Land, mining and commercial law. Compiler of the Laws of Arizona for the "Record."
Mica—Carl Bock.
Gold-S.—El Grupo Mining Co. F. G. Condon, pres.; Jesus M. Zepeda, v. pres.; G. D. James, secy.; Wm. P. Blake, gen. mgr. and buyer. Cap. stk., $1,000,000. Mine at Sonora, Mex.
Copper—J. N. Gooding.
Gold-S.—Quijota Mining Co.
Gold—Red Hill Mining Co.
Gold-S.—H. S. Stephens.
Stone—M. J. Sullivan.
Smelt.—Tucson Mining & Smelting Co. Principal office, 2 Gresham Bldg., London, Eng. John Foster, secy.; J. Francis, buyer. Pacific Water Jacket smelter. Two stacks, 30 tons capacity each. Copper bullion and matte. 60 days; 24 employes. Steam. J. Francis, supt.
Samp.—Tucson Sampling Works. Ore sampling.
Copper—H. D. Underwood.

VULTURE, Maricopa Co. Pop. 70. Ry. 796.
Gold-S.—Vulture Mining & Milling Co.

WHITE HILLS, Mohave Co. Ry. Kingman, 36. Banking town Flagstaff.
Gold-S.—Jno. Barnett.
Gold-S.—D. Bonelli, Rioville, Nev. Climax, Diadem and Isabella mines. Shaft. Tunnel, 70 ft. Galena ore. (Developing).
Gold-S.—Carey & Merill.
Gold-S.—John Fox.

WICKENBURG, Maricopa Co. Pop. 51. Tel. Ry. 796.
Smelt.—Premier Extraction Co.

WILLIAMS, Coconino Co. Pop. 105. M.O. Tel. Ry. 36. Banking town Flagstaff.
Stone—Altman Quarry.

YARNELL, Yavapai Co. Ry. Congress, 796.
Gold-S.—Yarnell Mining Co.

YUMA, Yuma Co. Pop. 1,896. M.O. Tel. Ry. 841. Banking town Tucson.
Gold-S.—Blossom Mining Co.
Gold—Gila Mountain Gold Mining Co.
Gold-S.—Golden Cross Mining Co.
S.Lead—Hodges Bros.
Gold-S.—Lapar Mining Co.
Gold-S.—P. P. Mathieson.
Gold-S.—Morning Star Gold & Silver Mining Co.
Gold-S.—Pasadena Mining Co.
Gold-S.—People's Milling, Mining & Investment Co.
Gold-S.—Frank Vomicil.

ARKANSAS

ANTIMONY, Howard Co. Ry. and banking town Nashville, 24.
Anti.—United States Antimony Co. (Claim). S. B. Richards, 836 Drexel Bldg., Philadelphia, pres.; Otto Eckert, secy. (Idle; waiting for railroad to be built to Antimony.)

BALDKNOB, White Co. Pop. 322. M.O. Tel. Ry. 771. Banking town Searcy.
Stone—Bald Knob quarry.

BATESVILLE, Independence Co. Pop. 2,160. M.O. Tel. Ry. 771.
Iron—Jesse M. Bartlett.
Stone—Jesse M. Bartlett.
Stone—Frank Joblin.
Iron—J. H. Patterson & Bro.
Iron—M. W. Reeves.

BEAVER, Carroll Co. Pop. 200. Banking town Eureka Springs. Ry. name The Narrows, 294.
Stone—Beaver Stone Co., Eureka Springs. Beaver quarry. Limestone. 500 cars. J. W. Walden, quarry supt.

BENTON, Saline Co. Pop. 670. M.O. Tel. Ry. 771.
Silver—S. H. Whitthorne, Rabbit Foot mine. Open pit. Silver, nickel and cobalt. Smelting ore. (Developing).

BRYANT, Saline Co. Pop. 300. M.O. Ry. 771. Banking town Benton.
Gr.Bau.—Jordan Nethercutt. Granite and bauxite. (Developing).

BUFFALO, Marion Co. Ry. West Plains, Mo., 414.
Gold—Chicago & Little Rock Mining Co.
Lead-Z.—Dry Bone Mining Co. Lead and zinc.

COALHILL, Johnson Co. Pop. 830. M.O. Tel. Ry. 771. Banking town Clarksville.
B.Coal—Aulta Coal Co.
B.Coal—Black Diamond Coal Co.
B.Coal—Stewel & Co.
B.Coal—R. M. Winn & Co.
B.Coal—Western Coal & Mining Co., St. Louis, Mo.

CRYSTAL SPRINGS, Montgomery Co. Pop. 35. Ry. and banking town Hot Springs, 371.
Gold-S.—Crystal Springs Mining Co.
Gold-S.—C. H. Jacobs.

ENTERPRISE, Sebastian Co. Pop. 30. Banking town Fort Smith.
B.Coal—Jno. W. Buzan. Cap. $5,000. Buzan mine. Slope, 460 ft. Steam.

EUREKA SPRINGS, Carroll Co. Pop. 4,000. M.O. Tel. Ry. 294.
Stone—Beaver Stone Co. W. M. Duncan, pres. and treas.; W. I. Sanford, v. pres.; M. D. Jordon, secy. Limestone. Quarry at Beaver.
Stone—Beaver White River Stone & Mining Co.

FAYETTEVILLE, Washington Co. Pop. 3,200. M.O. Tel. Ry. 766.
B.Coal—J. N. Clark.
Gold-S.—J. C. England.
Gold-S.—Fayetteville Mining Co.
Gold-S.—D. M. Harbison.
B.Coal—Wm. Idson.
Gold-S.—C. T. Kuman & Co.
B.Coal—S. A. Lamons.
Gold-S.—C. T. Lang.
Gold-S.—W. H. Lang.
Gold-S.—Stephen Lemons.
Gold-S.—Wm. Patterson.

GREENWOOD, Sebastian Co. Pop. 630. M.O. Tel. Ry. 771. Banking town Ft. Smith.
Stone—W. F. Blakemore.
Stone—W. B. W. Hertsill.
B.Coal—Myrtle Coal & Mining Co. Jas. Stores, pres.; W. H. Ming, v. pres.; Thos. Miller, secy.; W. M. Jones, treas. Slope. 10 employes. Steam. Commenced shipping August, 1895.
B.Coal—South Western Coal Mining Co.

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HACKETT, Sebastian Co. Pop. 460. M.O. Tel. Ry. 766. Banking town Ft. Smith.
Coal—J. D. Binder.
B.Coal—National Coal Co.
Stone—A. J. Scott.

HOT SPRINGS, Garland Co. Pop. 9,150. M.O. Tel. Ry. 371.
F.Clay—Arkansas Coal, Gas, Fire Clay & Mfg. Co.
Stone—Jas. A. Smith, 805 Central ave.
Stone—J. J. Sutton. Whetstone rock. 200 tons; 15 employes.
Stone—A. Whittington, 19 Park ave. Oil stones. Open pit.

HUNTINGTON, Sebastian Co. Pop. 896. M.O. Tel. Ry. 766.
B. Coal—J. J. Alexander.
B. Coal—G. M. Anderson.
Gold-S.—J. M. Ferguson.
B.Coal—D. A. Foley.
B.Coal—D. Harrellson.
Stone—Heartley Stone Co.
B.Coal—G. A. Hutchinson.

JENNY LIND, Sebastian Co. M.O. Tel. Ry. 771. Banking town Ft. Smith.
B.Coal—Peter McMillan.
B.Coal—E. B. Petty.

LAMAR, Johnson Co. M.O. Tel. Ry. 771. Banking town Littlerock.
Stone—L. L. Bishop. Cabin Creek quarry. Sandstone.

LIONHILL, Marion Co. Pop. 100. Ry. West Plains, Mo., 414.
Zinc—Arkansas Mining Co., Adams Express Bldg., Chicago. Lionhill mine. Tunnel, 75 ft. Free ore. 20 employes. Concentrator, 100 tons daily capacity. Operate one-eighth mile railway; 3 cars.

LITTLE ROCK, Pulaski Co. Pop. 25,900. M.O. Tel. Ry. 473; 771; 775.
Stone—Arkansas Steatite Mfg. Co.
Stone—Arkansas Stone Co.
Grnite—Braddock Land & Granite Co., cor. Broadway and Markham st. John S. Braddock, pres., treas., gen. mgr. and buyer; P. E. Brugman, v. pres.; A. L. Douthit, secy. Cap. stk., $300,000, pd. up. Braddock quarry. Output, $50,000. 300 days; 40 employes.
Stone—Fred Hanger.
Grnite—Little Rock Granite Co.
Attny—C. B. Moore, attorney and counsellor at law. Commercial law, collections and mining claims specialties. Ex-Attorney General of the State of Arkansas. Compiler of Laws of Arkansas for the "RECORD." (Notary public in office). 112 W. Markham st.
Gold—Pearl Mining & Smelting Co.
B.Coal—Stillwell & Co.

LONEROCK, Baxter Co. Ry. West Plains, Mo., 414.
Stone—W. J. Sword.

MONTREAL, Sebastian Co. Pop. 150. Ry. 766.
A.Coal—Kniffin Coal, Coke & Mining Co., 302 Security Bldg., Dallas, Texas. Montreal No. 1 mine. Shaft, 40 ft. Semi-anthracite coal. 30,000 tons; 30 employes. Steam. H. B. Elder, mine supt.

PETTY, Sevier Co. Ry. Chapel Hill, 871.
Gold-S.—Wm. Davis.
Gold-S.—C. C. Hughes.
Gold-S.—A. A. Pence.
Gold-S.—J. W. Wingfield.
Gold-S.—W. E. Wingfield.

POWELL, Marion Co. Ry. West Plains, Mo., 414.
Lead—J. W. Bradley & Co.
Lead—Davis & Linton.
Lead—Linton, Black & Co.
Lead—J. B. Milum & Co.
Lead—R. J. Pierce & Co.
Lead—Powell Mining Co.
Lead—Reader Bros.

RUSSELLVILLE, Pope Co. Pop. 1,380. M.O. Tel. Ry. 239; 771.
Stone—Ernest B. Kramer.
B.Coal—A. Popkiss.
B.Coal—Russellville Coal Mining Co.

SEXTON, Washington Co. Ry. Westville, I. Ter., 418.
Stone—G. A. Reynolds.

SILOAM SPRINGS, Benton Co. Pop. 832. M.O. Tel. Ry. 418.
Gold—Siloam Springs Mining & Prospecting Co.

SILVER, Montgomery Co. Pop. 56. Ry. Hot Springs, 371.
Gold-S.—Bull of the Woods Mining Co.
Gold-S.—Mrs. Lulu Gill.
Gold-S.—King & Fisher.
Gold-S.—Minnesota Mining Co.
Gold-S.—Narrow Gauge Mining Co.
Copper—Frank Pease.
Gold-S.—Pease & Hughlett.
Gold-S.—Silver Hill Mining Co.
Gold-S.—Walnut Mining & Milling Co.
Gold-S.—Waterloo Mining Co.

SILVERHILL, Sevier Co. Ry. Chapel Hill, 871.
Gold-S.—W. T. Bullard.
Gold-S.—Ivan Cossell.
Gold-S.—Lee Davis.
Gold-S.—M. C. Duggan.

SILVERHILL—Continued.
Gold-S.—David Hankins.
Gold-S.—B. F. Wolf.
Gold-S.—W. H. Wolf.

STRICKLER, Washington Co. Pop. 28. Ry. West Fork, 31. Banking town Fayetteville.
Stone—Joe Crawley.
Stone—S. F. Dale.
Stone—Wm. Dale.
B.Coal—A. B. Hodge.
B.Coal—H. Lee.
B.Coal—J. R. Smith.

WAVELAND, Yell Co. Ry. Altus, 541. Banking town Dardanelle.
Coal—Blue Mountain Oil & Min. Co.

YELLVILLE, Marion Co. Pop. 370. M.O. Ry. West Plains, Mo., 414.
M.E.—W. Albert Chapman, assayer and mining engineer. Examinations and reports on mineral properties.
Lead—Morning Star Mining Co.

CALIFORNIA

ACTON, Los Angeles Co. Ry. 841. Banking town Los Angeles.
Stone—Acton Sandstone Co.
Gold—E. Beckman. Padre Mine. Shaft. Free ore. Stamp mill. Steam.
Gold—Black Cat Mining Co.
Gold—S. Black.
Gold—E. Brough. Last Chance Mine. Shaft, 50 ft. Tunnel, 100 ft. Free ore. (Idle.)
Gold—G. Cruger.
Gold—Dump Mining Co.
Gold—Mt. Gleason Mining & Milling Co.
Gold—E. B. Millar. Red Rover group. Two shafts, 400 and 600 ft. Free ore. 300 days; 15 employes. Steam. 10 stamp mill, 24 tons daily capacity. E. Brough, gen. mgr. and supt.
Gold—Mount Gleason Mining & Milling Co. Mount Gleason mine. Tunnels. Free and refractory ore. Stamp mill.
Gold—R. E. Nickel. Gold mine and red sandstone quarry.
Gold—Red River Gold Mining Co.
Gold—Red River Mining Co.
Gold—Tegunda Mining Co.

ADIN, Modoc Co. Pop. 382. M.O. Tel. Ry. Redding, 841.
Gold—Aulve Mining Co.
Gold—Blue Bell Mining Co.
Gold-S.—Harbert & Lewis.
Gold-S.—Hayden Hill Tunnel Co.
Gold—Hopkins, Nash & Co.
Gold—S. Lewis.
Gold—Frank Vanderlist.

AETNA SPRINGS, Napa Co. P.O. Pope Valley.
Qsr.—Aetna Quicksilver Mining Co., Boston, Mass. Aetna mines. Cinnabar. Steam and compressed air. Furnaces.

AGLAND, Shasta Co. P.O. Ono.
Gold—G. A. Grigsby.

AGUA CALIENTE, Sonoma Co. Ry. 794; 841.
Stone—M. K. Cady. Basalt quarry. Open pit.
Stone—Mary T. Hayes. Basalt quarry.
Stone—W. B. Read. Basalt quarry.
Gold—Shipsey Bros.

ALAMEDA, Alameda Co. Pop. 11,265. M.O. Tel. Ry. 841.
C.M.E.—J. W. Higginbottom, civil and mining engineer. Examination as to bona fides of reports of gold properties on Pacific Coast. Late member of Mining Institute, England.

ALLEGHANY, Sierra Co. Pop. 120. Ry. Nevada City, 578. Banking town Forest City.
Gold—Crafts & Son.
Gold—J. Fessler.
Gold—J. Freeborough.
Gold—Golden King Mining Co., 208 California st., San Francisco. 25 employes.
Gold—W. F. Hanley.
Gold—O. Owens.

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ALTA, Placer Co. Pop. 140. Ry. 841. Banking town Dutchflat.
Gold—Towle Bros. & Gould.

ALTAVILLE, Calaveras Co. P.O. Angel's Camp. Tel.
Gold—D. D. Demarest.

ALVARADO, Alameda Co. Pop. 645. M.O. Tel. Ry. 841. Banking town Ivington.
Salt—American Salt Co. Salt marsh. Evaporation.
Stone—J. Quigley. Sandstone.
Stone—J. San Clair. Blue rock.

AMADOR CITY, Amador Co. Pop. 995. M.O. Tel. Ry. Ione, 841. Banking town Sacramento.
Gold—Bunker Hill Gold Mining Co. Bunker Hill mine. Shaft. Free ore. Water and steam. Stampmill.
Gold—Eclipse Gold Mining & Milling Co.
Gold—Grover Mining Co., San Francisco. Grover mine. Shaft. Free ore. Water, steam and electricity. Stamp mill.
Gold—N. Hamberger. Shaft. Horse.
Gold—Keystone Cons. Mining Co., San Francisco. Keystone mine. Shafts. Free ore. Steam and water.
Gold—North Grover Mining Co.
Gold—South Spring Hill Gold Mining Co. G. F. Morse, pres.; N. Harwood, v. pres.; W. J. Knowlton, secy.; L. H. Goodnow, treas.; J. R. Tregloan, M. E., gen. mgr. and buyer. Cap. stk., $120,000. South Spring Hill mine. Shaft, 900 ft. Free ore. 24,000 tons; 300 days; 70 employes. Concentrator. Forty-stamp mill, 75 tons daily capacity. Steam and water.
Medean mine. Shaft, 300 ft. Free ore. 18,000 tons; 250 days; 22 employes. Concentrator. Ten and 15-stamp mills, 30 tons daily capacity. Steam and water. J. R. Tregloan, mine supt.

AMALIE, Kern Co. Ry. Caliente, 841.
Gold—McKay & Stuter. (A. D. C. McKay and P. B. Stuter.) Jaun Dosie mine. Shaft, 130 ft. Tunnel, 90 ft. 100 tons. Free ore. 200 days. Steam. Arrastre.

AMEDEE, Lassen Co. M.O. Tel. Ry. 577. Banking town Reno, Nev.
Silver—Cottonwood Mining & Milling Co., Fort Bidwell. Cottonwood mines. Shafts, 50 to 400 ft., and tunnels. Free and refractory ore. 5-stamp mill. Steam.

ANDERSON, Shasta Co. Pop. 530. M.O. Tel. Ry. 841. Banking town Redding.
Gold—Jas. Beecher.

ANGELS CAMP, Calaveras Co. Pop. 930. M.O. Tel. Ry. Milton, 841. Banking town Stockton.
Gold—Altaville Quartz Mining & Milling Co.
Gold—Angels Camp Gold Mining Co., Moorgate Court, Moorgate st., E. C., London, England. Angels Camp mine. Slope, 90 ft. Free ore. 10 employes. Steam. J. H. Roberts, M. E., mine supt. (Developing.)

ANGELS CAMP—Continued.
Gold—Bald Hill Mining Co.
Gold—T. L. Birney.
Gold—F. Bruner.
Gold—Calaveras Consolidated Gold Mining Co.
Gold—Jos. Canepka.
Gold—Carson Creek Mining Co., 309 Montgomery st., San Francisco. Carson Creek mine. Shaft, 660 ft. 8 concentrators. 40-stamp mill, 80 tons daily capacity. M. D. Howell, supt.
Gold—S. Cook.
Gold—Eclipse Mining Co., 530 California st., San Francisco. Eclipse mine. Shafts, 180 ft. Free ore. 300 days; 10 employes. Water. Concentrator. Theo. E. Flagg, mine supt.
Gold—Godbe Mining Co.
Gold—Gootschalk Gold Mining & Milling Co.
Gold—L. Graham.
Gold—Hardy & Osborn.
Gold—New Calaveras Mining Co.
Gold—S. V. Ryland.
Gold—Charles Smythe.
Gold—South Carolina Mining Co.
Gold—E. K. Stevenot. Chaparral Hill group. Tunnel, 400 ft. Free ore. Water.
Gold—Tarbut, Bickle & Co.
Marb.—Allen Taylor. Marble.
Gold—Thorpe Mining Co.
Gold—Jas. Tullock.
Gold—Turner Mining Co.
Gold—W. H. Worden.

ANTIOCH, Contra Costa Co. Pop. 638. M.O. Tel. Ry. 841.
B.Coal—Empire Coal Mine & R.R. (M. W. Belshaw, owner), 402 Front st., San Francisco. Central Star and Empire mines. Shaft. Slope. 30,000 tons. Operate 7 miles R.R.; 2 locomotives; 34 cars.

ARCATA, Humboldt Co. Pop. 965. M.O. Ry. 644.
Stone—E. Turner. Sandstone.

ASTI, Sonoma Co. Ry. 794.
Gold—Asti Mining Co.

AUBERRY, Fresno Co. Pop. 110. Ry. Pollasky, 841.
Gold—W. Dolph.
Gold—J. Golden.
Gold—Johnson & Sullivan (J. S. Johnson, Visalia, Cal., and Henry Sullivan). Inyo mine. 4 shafts, 90 ft. each; 3 tunnels, 150, 200 and 300 ft. Free ore. 200 tons. Stamp mill, 3 tons daily capacity. Steam.
Gold—N. Sullivan.
Gold—R. Welch.
Gold—J. R. Whittaker.

AUBURN, Placer Co. Pop. 1,695. M.O. Tel. Ry. 841.
Gold—J. M. Bryan.
Gold—Corwin, Ough & Lozano. Mountain View mine. Tunnel. Refractory ore.
Gold—Col. Davis.
Gold—G. F. Deetken.
C.M.E.—Russell L. Dunn, civil and mining engineer. Specialty, gold placer mining.
Gold—J. Hamilton.
Gold—Frank Hartley.
Gold—Haskell Gold Mining Co., Nevada blk., San Francisco. Osborn & Gaylord. Drift gravel mines. Tunnel, 500 ft. 300 days; 21 employes. H. B. Gaylord, mine supt.
Gold—Mammoth Bar Gold Mining Co. W. S. Davis, gen. mgr.; H. W. Davis, supt. and buyer. Mammoth Bar placer. Hydraulic elevator; capacity, 2 tons sand and gravel per minute 50 ft., and pumps 300 inches of water.
Gold—Mayflower Gold Mining Co.
Gold—Morning Star Gold Mining Co.
Gold—Mountaineer Gate Gold Mining Co.
Gold—J. R. Nickerson.
Gold—Paragon Gold Mining Co.
Gold—Pioneer Gold Mining Co.
Gold—Red Point Gold Mining Co.
Gold-S.—Chas. F. Reed. Mines at Ophir and Forest Hill.
Gold—Smith & Fulwerler.
Atty.—Ben. P. Tabor, mining attorney. Special attention to examination of mining titles. Compiler of the Laws of California for the RECORD.
M.E.—W. R. Wallace, mining engineer.
Gold—J. W. White.

AUCKLAND, Tulare Co. Ry. Visalia, 911a; 912.
Gold—H. D. Barton.
Gold—Kirkland Bros.

BAKERSFIELD, Kern Co. Pop. 2,416. M.O. Tel. Ry. 835.
Gold—D. V. Burton. Mines at Kernville and Havilah.
Gold—A. Hammersly.
Gold—Whitney View Mining Co. Mine at Havilah.

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BANGOR, Butte Co. Pop. 290. M.O. Tel. Ry. Marysville, 841. Banking town Oroville.
Gold—Bishop Mining Co. Bishop gravel mine. Shaft. Steam.
Gold—Blue & Gold Mining Co. Blue and Gold mines. Shafts. Free ore. Steam. Stamp mill.
Gold—British Gravel Mining Co.
Gran.—May & Clark Mining Co.

BANNER, San Diego Co. Pop. 75. M.O. Tel. Ry. Lakeside, 790. Banking town San Diego.
Gold—Chas. Bacon.
Gold—L. N. Bailey, 1628 7th st., San Diego. Kentuck S. mine. Shaft, 100 ft. Free ore.
Gold—Boswell, Bright & Walker.
Gold—W. W. Boswell.
Gold—J. L. Carl.
Gold—Cincinnati Bell Gold Mining Co.
Gold—Hubbard Mining & Milling Co.
Gold-S.—Ready Relief Mining & Milling Co.
Gold—Ruby Mining & Milling Co.
Gold—Schapparell Mining Co.
Gold—Benjamin Simmons.

BANNING, Riverside Co. Pop. 325. M.O. Tel. Ry. 835. Banking town Colton.
Gold—C. R. Barker.

BARSTOW, San Bernardino Co. Pop. 98. M.O. Tel. Ry. 797; 839. Banking town San Bernardino.
Gold-S.—Waterman & Porter.

BATH, Placer Co. Pop. 175. M.O. Tel. Ry. Colfax. Banking town Forest Hill.
Gold—California Mining Co. (Sellier & Adams, props.) Mine at Sunny South. (P.o. Michigan Bluff.)
Gold—Sellier & Sons. Washington mine. Tunnel, 500 ft. Free ore. Five employes. Water. J. B. Sellier, mine supt.

BAYLES, Shasta Co. Pop. 75. M.O. Ry. 835. Banking town Redding.
Gold—Butler & Son.
Gold—Johnson & McMillan.
Gold—H. Richard.
Gold—E. Sanders.

BEAR VALLEY, Mariposa Co. Pop. 175. Ry. and banking town Merced, 841.
Gold—Badger Mining Co.
Gold—Burt & Bach. Green Stone mine. Shaft. Free ore. Steam. Stamp mill.
Gold—Cathey Bros. Jubilee mine. Shaft. Free ore.
Gold—F. E. Hall.
Gold—Hall & McFadden.
Gold—D. R. Moran.
Gold—Wittingly Mining & Milling Co., San Francisco. Catching mine. Shaft, 200 ft. 3,000 tons; 150 days; 20 employes. Free ore. Steam. F. R. Catching, mine supt.

BEAUMONT, Riverside Co. Pop. 420. M.O. Tel. Ry. 841. Banking town Colton.
Gold—B. W. Smith.

BECKWITH, Plumas Co. Pop. 75. M.O. Tel. Ry. 830a. Banking town Reno, Nev.
Gold—E. McNeal.

BELLEVIEW, Medera Co.
Gold—Belleview Mining & Agricultural Co.

BENICIA, Solano Co. Pop. 2,380. M.O. Tel. Ry. 841.
Cement—J. G. Johnson.

BENTON, Mono Co. Pop. 215. Ry. 125. Banking town Carson City, Nev.
Gold—W. G. Couch.
Gold—Jno. King.
Gold-S.—Little Emily Mining & Milling Co., 148 Market st., Chicago. Little Emily mine. Tunnel, 1,050 ft. Free ore. John A. Wilson, mine supt. (Not operating account litigation.)
Gold—McNamara & Dowd.
Silver—J. F. Milner. Cornucopia mine. Shaft and tunnels. Refractory ore. 300 days; 10 employes. Wm. Calnon, mine supt.
Borasco mine. Slope and tunnel, 3,000 ft. Refractory ore. 300 days; 10 employes. Geo. Fisher, mine supt.
Silver—Phenix Mining & Milling Co., Nevada Block, San Francisco. Queen mine. Shaft and tunnel. Refractory ore. 300 days; 20 employes. Steam. A. Farrington, mine supt.
Gold-S.—Wai Wern Mining & Milling Co., 309 Montgomery st., San Francisco. Wai Wern mine. Tunnel. (Developing.)
Gold-S.—Garner C. Williams.

BERDAN, Butte Co. Ry. and banking town Chico, 841.
Gold—R. Diller.
Gold—M. D. Morris.
Gold—Chas. Smith.

BERKELEY, Alameda Co. Pop. 5,110. M.O. Tel. Ry. 107; 841.
Stone—J. J. Dunn. Blue trap rock.
Stone—Oakland Rock Co., Oakland. Iron Rock Mountain quarry. Blue trap. 60,000 cubic yards; 240 days; 27 employes. 4,500 ft. gravity tramway. Steam. Operate 10 miles of ry.; 2 locomotives; 14 cars. J. D. Schackey, quarry supt.

BIEBER, Lassen Co. Pop. 500. M.O. Ry. Redding, 841. Banking town Susanville.
Gold-S.—Hayden Hill Consolidated Mining Co. C. J. McCoy, Adin, pres. and gen. mgr.; Geo. H. Knight, v. pres.; N. Bieber, secy., treas. and buyer. Cap. stk., $10,000, $5,000 pd. up. Mine at Hayden Hill.

BIG OAK FLAT, Tuolumne Co. Pop. 265. Ry. and banking town Oakdale, 841.
Gold—A. Conrad.
Gold-S.—H. A. Conrad. Shaft, 30 ft. Tunnel, 200 ft.
Gold—Harper Bros. Grizzly mine. Shaft, 60 ft. Tunnel, 100 ft. Value annual output, $5,000. Two employes.
Gold—James Harper. Eureka mine. Tunnel, 85 ft. Value annual output, $7,000. Two employes.
Gold—D. F. Longfellow.
Gold—J. C. McLaughlin. Mississippi mine. Shaft, 50 ft. Tunnel, 200 ft. Steam.
Gold-S.—Albert Mack Mining Co. Shaft, 130 ft. Six employes. Steam. (Developing.)
Gold—H. M. Stanley.

BIGPINE, Inyo Co. Pop. 140. M.O. Tel. Ry. Alvord, 125. Banking town Tulare.
Gold—Antonia Conha.
Gold—J. McCarthy.
Gold—J. M. McSouty.
Silver-L.—S. P. Roberts. Mine at Bishop, Cal.
Gold—Upton Tracy.

BISHOP, Inyo Co. Pop. 350. M.O. Ry. 125. Banking town Tulare.
Gold—O. H. Hill. Georgia mine. Tunnel. Free ore. 5-stamp mill. Steam.
Silver-L.—S. P. Roberts, Bigpine. Baltic mine. Incline shaft, 189 ft. Tunnel, 295 ft. Refractory ore. 230 tons; 300 days; 10 employes.
Gold—Geo. Storey.

BISHOP CREEK, Inyo Co. P.O. Laws. Tel. Ry. 125.
Gold—J. H. Bulpit.
Gold—Owen Neylor.

BLACKBEAR, Siskiyou Co. Ry. Yreka, 965a.
Gold—Black Bear Quartz Mining Co. John Daggett, supt. of U. S. mint at San Francisco, pres.; J. F. Nesmith, secy.; Bank of Cal., treas.; Ben. F. Daggett, gen. mgr. Black Bear mine. Tunnell. Free ore. 60 employes. Water. Stamp mill.
Gold—J. Cannon.
Gold—Geo. L. Fauch.
Gold—Hearson & Murray.
Gold—J. J. Smith & Co.

BOCA, Nevada Co. Pop. 265. M.O. Tel. Ry. 841. Banking town Reno, Nev.
Gold—T. C. Sharp.

BODIE, Mono Co. Pop. 598. M.O. Ry. Hawthorne, Nev., 125.
Gold—Bodie Consolidated Mining Co.
Gold—Booker Flat Cyanide Co.
M.E.—Robert Gilman Brown, mining engineer.
Gold—Finley Cameron.
Gold—Cane, McCone & Kelly.
Gold—Mono Mining Co.
Gold—Parr & Tynck.
Gold-S.—Reese & Co.
Silver—A. Soldiering.
Gold-S.—Standard Consolidated Mining Co. P. N. Lilienthal, pres.; W. H. Oscanyan, v. pres.; J. W. Pew, secy. and buyer; R. G. Brown, m.e., gen. mgr. Cap. stk., $10,000,000. Standard mine. Shaft, 1,200 ft. Tunnel, 2,000 ft. Free ore. 12,000 tons; 300 days; 75 employes. 20-stamp mill, 40 tons daily capacity. Electricity from water power 12 miles distant. R. G. Brown, mine supt.

BONNY DOON, Santa Cruz Co. Ry. Santa Cruz, 841.
Lime—Davis & Cornell.

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BRANDY CITY, Sierra Co. P.O. Camptonville. Ry. Nevada City.
Gold—Rocky Peak Mining Co., Camptonville. Monterey mine. Tunnel, 700 ft. Gravel. 150 days; 4 employes. James Arnott, sr., mine supt.

BRIDGEPORT, Mono Co. Pop. 224. M.O. Ry. Hawthorne, Nev., 125. Banking town Carson City, Nev.
Gold—Peter Anderson.
Gold—A. F. Bryant.
Onyx—California Travertine & Onyx Co.
Gold—A. Fitzpatrick.
Gold—Interstate Consolidated Mining Co.
Gold—Andy Sayers.

BROWNS VALLEY, Yuba Co. Ry. and banking town Marysville, 841.
Gold—Caballer & Co.
Gold—Hibbard & Burris.
Gold—Jefferson Gold Quartz Mining Co., Marysville. Jefferson mine. Shaft, 700 ft. Free ore.
Gold—J. Leferty.
Gold—New Era Gravel Mining Co. Placer.

BROWNSVILLE, Yuba Co. Pop. 275. M.O. Ry. and banking town Marysville, 841.
Gold—J. C. Campbell.
Gold—H. L. Clark.
Gold—Reuben Clark, Monticello. R. C. mine. Shaft, 215 ft. Tunnels, 800 ft. Free ore. 10-stamp mill, 20 tons daily capacity. Water.
Gold—H. A. Conwell.
Gold—Jas. Elliott.
Gold—Johnson Mining Co. Johnson mine. Shaft and tunnel. Free and refractory ore. 5-stamp mill. Water.
Gold—New York House Mining Co.
Gold—T. H. Steele.

BUCKS RANCH, Plumas Co. P.O. Buck. Ry. and banking town Oroville, 841.
Gold—Edman & Co.
Gold—Gold Water Mining & Milling Co.
Gold—Harrison Gold Mining Co.
Gold—J. B. Peck.
Gold—Jos. Peppin.
Gold—See & Jolly. Mine at Granite Basin.

BUENAPARK, Orange Co. M.O. Tel. Ry. 841. Banking town Santa Ana.
Lime—G. A. Whitaker.

BUTTE VALLEY, Plumas Co. Pop. 34. Ry. Oroville, 841. Banking town Chico.
Gold—R. Bemrick.
Gold—Jos. Buffington.
Gold—A. N. Cameron. River View mine. Tunnel. Placer.
Gold—Jno. Castello.
Gold—Cub Mining Co.
Gold—Duryea & Co.
Gold—Dutch Hill Mining Co.
Gold—Jno. Filosie.
Gold—Jas. Firmstone. Daisy mine. Placer.
Gold—J. W. Gardner.
Gold—J. H. Hunter.
Gold—Hugh Kelly.
Gold—Frank Koffler.
Gold—A. G. Leaterman.
Gold—C. H. Lee.
Gold—John McMullin.
Gold—F. C. Mandeville.
Gold—R. Mather.
Gold—N. Meadows. Allen Cove mine. Tunnel.
Gold—Sam'l. Olson.
Gold—T. W. Orton.
Gold—B. Paggoni.
Gold—Hamilton Palmer.
Gold—William Peck.
Gold—J. Perein.
Gold—J. Pollard.
Gold—H. W. Retfut. Bamboo mine. 4 employes. Water.
Gold—A. G. Rupe. Cincinnati Hill mine. Placer.
Gold—Savercool Bros.
Gold—Fred Scott, Prattville. Scott placer mine. Tunnel. Gravel.
Gold—Jack Sorsolie.
Gold—A. W. Vanderpool.
Gold—Edward Ware.
Gold—Dr. Henry White.
Gold—T. Willner. Lulu mine. Tunnel. Placer.
Gold—Wm. Wilson.

CAHUILLA, Riverside Co. Ry. Temecula Station, 31. Banking town Elsinore.
Stone—G. Spitter.
Stone—Joe Thomas.

CAJON, San Bernardino Co. Tel. Ry. 839. Banking town San Bernardino.
Gold—G. T. Frost.
Gold—J. S. Geer.
Gold—R. J. Wilton.

CALICO, San Bernardino Co. Pop. 320. M.O. Tel. Ry. Daggett, 31. Banking town San Bernardino.
Silver—Bismarck Silver Mining Co.
Marble—Borax Mining Co.
Silver—DeSoto Mining Co. DeSoto mine. Shafts and tunnels. Free ore.
Silver—Garfield Silver Mining Co.
Gold—Goodwin & Sullivan.
Gold—Thos. Gray.
Gold—Robt. Green.
Gold—Louis Hertsinger.
Gold—Carl Knack.
Gold—James McGlurchy.
Silver—O'Dessa Silver Mining Co.
Silver—Occidental Silver Mining Co.
Silver—Oriental Silver Mining Co.
Gold—Dr. A. H. Rhea.
Gold—Runover Quartz Mining Co.
Silver—Silver King Mining Co., Ltd., 55 and 56 Old Broad st., E. C., London, Eng. Directors: Sir Samuel Canning, Kt., chairman; Hon. Henry Stanhope, T. Carr, E. Bigland and L. H. De Friese. E. B. Samuel, secy. Oriental and other mines. Shafts, tunnels and drifts. Free ore. Stamp mill. Steam.
Silver—T. N. Stebbins. Shaft and tunnels. Free ore. Stamp mill. Steam.
Silver—Waterloo Silver Mining & Milling Co. Waterloo and other mines. Shafts and tunnels. Free ore. Stamp mill. Steam.
Gold—J. S. Weaver.

CALIENTE, Kern Co. Tel. Ry. 841.
Gold—Hugh Mann.
Gold—C. Mohr.
Gold—Sansert & Windheim.
Gold—Shipey Bros.
Gold—A. Souser.
Gold—W. B. Walker.

CALISTOGA, Napa Co. Pop. 1,145. M.O. Tel. Ry. 841.
Qsr.—Black Bear Consolidated Quicksilver Mining Co. Black Bear mine. Tunnel and shaft.
Lime—Callustro Co., 621 Market st., San Francisco. Lime and callustro.
Gold—Grisby & Johnson.
Qsr.—C. H. Holmes, Kellogg, Cal. Yellow Jacket mine. Shaft, 110 ft. Tunnel, 250 ft. 25 ton furnace. Water.
Gold—Knapp Cons. Mining Co.
Gold—J. McFarling.
Gold—Palisade Mining Co.
Qsr.—A. Rocca.
Gold—Silverado Mining Co.

CALLAHAN, Siskiyou Co. M.O. Tel. Ry. Gazelle, 841. Banking town Fort Jones.
Gold—F. C. Benders.
Gold—Jean Bolongeat.
Gold—C. F. Boye.
Gold—R. Crawford.
Gold—J. H. Cummings. Cummings Consolidated mine. Shaft, 40 ft. Tunnel, 700 ft. Free ore. 1,000 tons; 5 employes. Water. 2-stamp mill, 4 tons daily capacity. W. F. Short, mine supt. (Developing.)
Gold—Denny, Flak & Co.
Gold—G. H. Hayes.
Gold—Jos. Henry.
Gold—P. Holden.
Gold—J. W. McMahon.
Gold—E. Nolan.
Gold—Jacob Pollard.
Gold—W. F. Short. Extension mine. Shaft, 40 ft. Tunnel, 100 ft. Free ore. 4 employes. Water. (Developing.)
Gold—George W. Smith. Sugar Hill mine. Drift placer.
Gold—H. Smith.
Gold—J. Smith.
Gold—Summit Placer mine. 100 days; 10 employes. Hydraulic.
Gold—W. Walters & Co.
Gold—G. Welker. Placer. 180 days; 6 employes. Water.

CAMBRIA, San Luis Obispo Co. Pop. 288. M.O. Tel. Ry. San Simeon, 645.
Iron—Black Hawk Mining Co.

CAMP BADGER, Tulare Co. Pop. 169. P.O. Badger. Ry. Visalia, 911a; 912.
Gold—E. S. Balam.
Gold—E. D. Barton.
Gold—Jas. Butts.
Gold—E. Walters.

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CAMPO SECO, Calaveras Co. Pop. 110. Ry. Valley Springs, 841. Banking town Stockton.
Gold—C. Borger.
Gold—Campo Seco Quartz Mining Co.

CAMPTONVILLE, Yuba Co. Pop. 380. M.O. Tel. Ry. Nevada City, 578.
M.E.—James Arnolt, Jr. Mining engineer.
Gold—Brandy City Hydraulic Mining Co.
Gold—E. C. Cochrane.
Gold—F. W. Haley.
Gold—E. T. Jackson.
Gold—W. B. Meek.
Gold—Rocky Peak Mining Co. James Arnott, Sr., pres. and gen. mgr.; James Arnott, Jr., M. E., secy. and treas. Cap. stk., $240,000. Mines at Brandy City and Port Wine.
Gold—W. S. Russell.
Gold—Jerry Watts. Watts mine. Placer. Tunnel and drifts.

CARPENTERIA, Santa Barbara Co. Pop. 206. M.O. Tel. Ry. 841. Banking town Santa Barbara.
Asph.—Alcatraz Asphaltum Mining Co.
Gold—California Co.

CECILVILLE, Siskiyou Co. Ry. Redding, 841. Banking town Yreka.
Gold—S. Conzetti.
Gold—W. H. George.
Gold—J. J. Rhinebold.
Gold—Geo. Sightman.

CEDARVILLE, Modoc Co. Pop. 600. M.O. Ry. Redding, 841.
Gold—Cottonwood Mining Co.

CENTERVILLE, Alameda Co. Pop. 560. M.O. Ry. 841.
Gold—Plummer Bros.

CERRO GORDO, Inyo Co. Pop. 42. P.O. and Ry. Keeler, 125.
Gold—Jno. Dunphy.
Gold—C. Margras.

CHAPARRAL, Butte Co. P.O. Inskip. Ry. Oroville, 841.
Gold—Butte K. & Q. Consolidated Mining Co.

CHAPHARED HOUSE, Butte Co. P.O. Inskip. Ry. Oroville, 841.
Gold—J. B. Dogle.
Gold—J. Hedges.
Gold—Jones Bros.

CHICO, Butte Co. Pop. 2,898. M.O. Tel. Ry. 841.
Marble—Babble & Bruce.
Gold—Bank of Chico.
Lime—Fordham & Cole.
Lime—J. A. Walker.

CHINESE CAMP, Tuolumne Co. Pop. 340. M.O. Tel. Ry. Oakdale, 841.
Gold—Samuel Allen.
Gold—A. M. Baker.
Gold—N. Currie.
Gold—C. Dresher.
Gold—Grant Gold mine, 64 and 65 Chronicle bldg., San Francisco. Grant mine. 2 shafts, 100 ft. 2 tunnels, 190 ft. Free ore.
Gold—Benjamin Heath.
Gold—F. Knopp.
Gold—C. McManus.
Gold—J. R. Moffitt.
Gold—G. Seagle.
Marble—Sidney Flat Mining Co.
Gold—Chas. Waterman.
Gold—Geo. A. Webster.

CLAYTON, Contra Costa Co. Pop. 270. M.O. Ry. Concord, 841. Banking town Martinez.
Copper—J. Donner.
Stone—J. Marsh.
B.Coal—Jas. Muir.

CLINTON, Mono Co. P.O. Sweetwater, Nev. Banking town and Ry. Carson City, Nev. 110.
Gold—P. E. Flotsam.
Gold—Andrew Kilpatrick.
Gold—Rattler Mining Co.

CLIPPER MILLS, Butte Co. Pop. 130. Ry. and banking town Oroville, 31.
Gold—Beehive Mining Co.

CLOVERDALE, Sonoma Co. Pop. 780. M.O. Tel. Ry. 794.
Stone—Geo. Black. Basalt quarry.
Man.—J. E. Shaw. Manganese.

COALINGA, Fresno Co. M.O. Ry. 841.
B.Coal—California Coal Co.

COLES, Siskiyou Co. Ry. 841.
Gold—E. T. Bartlett.
Gold—A. Cavin.
Gold—P. Flett.
Gold—J. Frisby.
Gold—T. Henry.
Gold—Patterson Bros.
Gold—Perrier & Evans.
Gold—M. Romaine.
Gold—Frank Todd.
Gold—J. D. Willey.

COLEVILLE, Mono Co. Pop. 94. Ry. and banking town Carson City, Nev., 910.
Gold—M. P. Snow. Antelope mine. Tunnel, 400 ft. Refractory ore. (Developing.)

COLFAX, Placer Co. Pop. 680. M.O. Tel. Ry. 578; 841. Banking town Auburn.
Gold—Big Oak Tree Mining Co.

COLOMA, Eldorado Co. Pop. 220. Tel. Ry. Placerville, 841.
Gold—C. Schulze.
Gold—Schulze & Patrick.

COLTON, San Bernardino Co. Pop. 1,400. M.O. Tel. Ry. 839; 841.
Cemt.—California Portland Cement Co., Los Angeles.
Lime—Colton Lime Co.

COLUMBIA, Tuolumne Co. Pop. 820. M.O. Tel. Ry. Milton, 841. Banking town Oakdale.
Gold-S.—Argentum Gold & Silver Mining Co.
Gold—Nate Arnold.
Gold—Thos. Bluett.
Gold—T. C. Buney.
Gold—Conlin & Graham. Shaft, 100 ft. Tunnel, 200 ft. Free ore. 3 employes. Water. 4-stamp mill. 8 tons daily capacity. Angus S. Graham, mine supt.
Gold—Davis & Co.
Gold—Diego, Lorenzo & Co.
Gold—Louis Dondero.
Gold—Eagle Mill Mining Co.
Gold—Engelke & Co. Experimental mine. Shaft and tunnels. Free ore. 10-stamp mill. Water.
Gold—Hamilfield Mining Co., San Francisco. Defiance, Ham and Birney mines. Tunnels, 1,950 ft. Free ore. 7,000 tons; 300 days; 16 employes. Concentrator. 10-stamp mill, 20 tons daily capacity. Water. Wm. Shurwood, mine supt.
Gold—Hilton, McPherson & Co.
Gold—Lechman & Co.
Gold—McKenna, Hastings & Co.
Gold—McKenna & Kanig.
Gold—McMahon & Jennings.
Gold—McPherson & Hilton.
Gold—G. L. Meade.
Gold—A. O'Hara & Co.
Gold—Louis Page & Co. Golden Era mine. Shaft. Free ore. Stamp mill. Water.
Gold—Peterson & Keefe.
Gold—Plummer & Co.
Gold—J. B. Pownall.
Gold—St. Gothard Gold Mining Co.
Gold—Tibbits & Green.
Gold—Vine Spring Mining Co. Vine Spring mine. Shaft. Free ore. Stamp mill. Water.

COLUSA, Colusa Co. Pop. 1,440. M.O. Tel. Ry. 835.
Marble—Martin & Gardiner.

COMPTON, Los Angeles Co. Pop. 640. M.O. Tel. Ry. 841. Banking town Los Angeles.
Gold-S.—Harbel & Burgeron.
Gold-S.—Haylock & Carpenter.

CONCOW, Butte Co. Ry. Oroville, 841.
Gold—Duensing & Co.
Gold—Farley Bros.
Gold—Gramps & Ginder.
Gold—Little Kenshaw Mining Co.

COPLEY, Shasta Co. Ry. 841.
Gold—Bullard & Van Devere. Scottish Chief mine. Tunnel, 600 ft. Free ore. Water and steam. Mill, 10 tons daily capacity.
Gold—Andrew Carlson.
Gold—H. P. Christensen.
Gold—Emmerson & Slimmer.
Gold—Thos. Foster.
Gold—Golden Calf Mining Co.
Gold—Joel Holman.
Gold—J. R. King.
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COPLEY—Continued.
Gold—Oliver Langfield.
Gold—Minnesota Mining Co.
Gold—Musser & Co.
Gold—Chas. B. Nichols.
Gold-S.—Parmelee Ore Concentrating Co., 115 Monroe st., Chicago, Ill. Minnesota mine. Tunnel, 600 ft. Free and refractory ore. Water. 10-stamp mill, 18 tons daily capacity.
Gold—David Pasenti.
Gold—Polar Star Mining Co. Polar Star mine. Tunnel. Refractory ore.
Gold—J. C. Punctney.
Gold—Reiley & Bliss.
Gold—Henry Ruhling. Indian Queen mine. Tunnel. Free ore.
Gold—Robert Stevens.
Gold—J. H. Stowell.

COPPEROPOLIS, Calaveras Co. Pop. 232. M.O. Tel. Ry. Milton, 841. Banking town Stockton.
Gold—Royal Consolidated Mining Co. Business office, 214 Pine st., San Francisco. Head office, Stockton, Cal. Royal Consolidated mine. Shaft, 450 feet. Tunnels, 2,000 ft. Free ore. An. output, $60,000; 300 days; 30 employes. Steam. Concentrator and 20-stamp mill, 32 tons daily capacity.

CORDELIA, Solano Co. Pop. 290. M.O. Tel. Ry. 841. Banking town Suisun.
Stone—Alexander McNaughton. Hayden Hill quarry. Basalt paving blocks.
Stone—E. R. Thompson.

CORRAL HOLLOW, San Joaquin Co. P.O. Tracy.
B.Coal—T. Treadwell.

COTTAGE GROVE, Siskiyou Co. Ry. Yreka, 841.
Gold—R. Auberry.
Gold—Jno. Brown.
Gold—O. Brown.
Gold—Thomas Dobbins. Dobbins placer hydraulic mine.
Gold—Elliott Bros.
Gold—Wm. Elliott.
Gold—Fieldy & Co.
Gold—A. Halvorson.
Gold—Samuel Stenshaw.
Gold—Geo. Ten Eyck. Placer hydraulic mine.
Gold—H. W. Thomas. Placer mine.

COULTERVILLE, Mariposa Co. Pop. 530. M.O. Tel. Ry. and banking town Merced, 841.
Gold-S.—Bondurant Gold Mining Co., St. Louis, Mo. Shaft and tunnel, 450 ft. Free ore. 4,000 tons; 20 employes. 10-stamp mill, 20 tons daily cap. Steam. C. F. Bruner, mine supt.
Gold—F. Bruschi.
Gold—G. Commiscona.
Gold—Cook Bros. Estate.
Gold—Hathay & Bondurant.
Gold—Jno. McLaughlin.
Gold—Martin & Walling.
Gold—C. L. Mast. Connected with P. P. Mast.
Gold-S.—P. P. Mast, Springfield, Ohio. Banderita mine. Tunnel, 1,430 ft. Free ore. Frue concentrator, 15 tons daily capacity. Ten-stamp mill, 15 tons daily capacity. Water.
Martin & Walling mines. Shaft, 650 ft. Pockets. Steam.
Horse Shoe mine. Tunnel, 600 ft. Free ore. C. L. Mast, mine supt. (All idle.)
Gold—Merced Gold Mining Co.
Gold—Jno. Metzer & Co.
G.S.—Red Bank Mining Co.
Gold—Red Cloud Gold Mining Co.
Gold—Red Cloud Mining & Milling Co.
Gold—Jas. W. Reed.
Gold—S. B. Sample.
Gold—San Francisco Gold Mining Co.
Gold—Jas. Shimer.
Gold—Tyro Mining Co.
Gold—Tyro Mining & Milling Co.

CRESCENT CITY, Del Norte Co. Pop. 920. M.O. Banking town Eureka. Ry. 645.
Qsr.—Bradford & Dedrick, quicksilver. Shaft, 30 ft. 6 employes.
Gold-S.—W. Engley & Wagner Co.
Gold—Goodrich & Co. Hydraulic placer. 15 employes.
Gold—M. Henniche. 3 employes.
B.Coal—W. H. Hodgkins.
Gold—McLaughlin & Co. Placer. Hydraulic.
Gold—Benjamin Musick.
Gold—Yates Mining Co. Black Sand mine. Placer, 8 to 10 ft. 100 days; 5 employes. Col. Yates, mine supt.

CRESCENT MILLS, Plumas Co. Pop. 300. Tel. Ry. Beckwith, 841. Banking town Reno, Nev.
Gold—Crescent Mining and Milling Co. M. L. McDonald, pres.; A. W. Whitney, gen. mgr. and buyer. Cap., $50,000. Crescent mine. Shafts, 300 ft. 30 employes. 24-stamp mill, 36 tons daily capacity. Water. A. W. Whitney, mine supt.
Gold—Green Mountain & Cherokee Mining Co., San Francisco. Green Mountain mine. Tunnel, 5,200 ft. Free ore. 3,600 tons; 300 days; 65 employes. Water power. 120-stamp mill, 60 tons daily capacity. E. J. Murray, mine supt.

CROMBERG, Plumas Co. Pop. 50. Ry. Beckwith, 830a.
Gold—I. B. Sutton. Lost Channel placer mine. Hydraulic.
Gold—L. V. Teff & Co. Lone Star placer mine. Hydraulic.

CUYAMACA, San Diego Co. Ry. Lakeside, 790.
Gold-S.—R. W. Waterman Estate.

DAGGETT, San Bernardino Co. Pop. 384. Tel. Ry. 36. Banking town San Bernardino.
Gold—Alvord Mining Co.
Gold-S.—Clark Bros. Queen of the Desert and other claims. Free ore. Steam.
Copp.—Copper Hill Mining Co.
Gold—C. B. Dunnegan.
Gold—C. W. Halberg.
Gold—Wm. Hyten.
Iron—H. W. Lake.
Gold—A. J. Laswell.
Gold—J. L. Medlin.
Gold—Ora Mountain Mining Co.
Gold—J. A. Owens.
Gold—Marcus Pluth.
Gold—J. D. Quinn.
Gold-S.—Riggs & Campbell. Banner and other claims. Shaft and tunnel. Free ore.
Gran.—A. Seymour. Granite.
Gold—W. E. Steadman.
Gold—Tip Top Mining Co.

DAMASCUS, Placer Co. Pop. 56. Ry. Colfax, 578; 841.
Gold—Breece & Wheeler.
Gold—Golden River Drift Mining Co.
Gran.—R. Lewis. Granite.
Gold—Societe Anonyme des Mines de Golden River, 24 Place Vendome, Paris, France. American office, Nevada blk., San Francisco. Red Point mine. Drift gravel. Tunnel, 3,000 ft. 110 tons daily; 300 days; 58 employes. Steam and water. Tramway; 30 cars. Chas. P. Hoffmann, M. E., supt.

DARWIN, Inyo Co. Ry. Mojave, 128. Banking town Tulare.
Gold—John Andrada. Bonanza mine. Incline shaft, 100 ft. Drifts, 200 ft. Free ore. 1 employe. Daisy Bell mine. Tunnel, 35 ft. Free ore.
Gold—Chas. Anthony.
Gold—Death Valley Mining Co. R. B. Tayor, pres. Richard Decker, M. E. Claim, 21 miles s. e. Panamint.
Silver-L.—Frank Fitzgerald. Modoc mine. Tunnel, 500 ft. Refractory ore. 3,000 tons; 300 days; 15 employes. Concentrator.
Gold—A. J. Gould.
Gold—Joseph Horry.
Silver—Hunagan & Rose.
Gold—Dan Lynch.
Gold—J. A. McKenzie.
Silver—P. Reddie. Defiance mine. Tunnel, 5,000 ft. Refractory ore. 1,000 tons; 300 days; 10 employes. Concentrator. 10-stamp mill, 10 tons daily capacity.
Gold-S.—Chas. Richardson. Good Hope mine. Shaft and tunnel. Refractory lead ore.
Gold—Waterman & Co.
Gold—Jno. Wilson.

DEADWOOD, Trinity Co. Pop. 290. Tel. Ry. Redding, 841. Banking town Weaverville.
Gold—Barted Mining Co.
Gold—J. T. Brown. Placer mine. Hydraulic.
Gold—Theodore Gruss.
Gold—Lila Mining Co. Lila mine. Tunnel. Free ore. Steam. Stamp mill.
Gold—Melton Gold Mining Co.
Gold—Jno. Melton.
Gold—D. O. Moorehead. Center mine. Slope and tunnel. Free ore. Horse.
Gold—M. Ramm.
Gold—Thorn Bros. Two Brothers mine. Shaft and tunnel. Free ore.
Gold—Watt & Martin.

DEDRICK, Trinity Co. Ry. Redding, 841.
Gold—Begel & Day.
Gold—Lewis & Keenan.

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DEDRICK—Continued.
Gold—D. L. Smith.
Gold—R. Woodburn.

DESCANSO, San Diego Co. Ry. Lakeside, 790. Banking town San Diego.
Gold—Chas. Ellis. Independence mine. Shaft and drifts. Free ore.
Gold—T. Noble & Sons. Eureka mine. Shaft and tunnels. Free ore. Water. Stamp mill.
Gold—Daniel O'Neil. Shaft. Free ore.
Gold—Gilbert L. Seybold. Cap., $2,000. Cascade mine. Two incline shafts, 45 and 50 ft. Free and refractory ore.

DIAMOND SPRING, Eldorado Co. Pop. 267. Ry. 841. Banking town Placerville.
Gold—C. F. Bryant.
Gold—Joseph Bryant & Co.
Gold—Capt. T. Buckley.
Gold—N. J. Coleman.
Gold—Dickerhoff & Goyne.
Gold—Latourette, Lawton & Tirre.
Gold—R. T. Morrison. Mathines Creek mine. Shaft and tunnel. Free ore. Water. Stamp mill.
Gold—Morrison & Galt.
Gold—Richards, Koch & Estes.
Gold—A. Tirre.

DOBBINS, Yuba Co. Pop. 47. Ry. Marysville, 841.
Gold—Enoch Bros.
Gold—Jos. Merriam.
Gold—C. E. Morey.
Gold—L. Wilder.

DOUGLAS CITY, Trinity Co. Pop. 24. Ry. Redding, 841. Banking town Weaverville.
Gold—A. S. Dunbar.
Gold—Loman & Wyld.
Gold—Mahoney & Wallace.
Gold—Mason & Thayer.

DOUGLAS FLAT, Calaveras Co. Pop. 84. Ry. Milton, 841. Banking town Stockton.
Gold—Wm. Thomas. Placer. Open pit, 60 ft. 180 days; 15 employes.

DOWNIEVILLE, Sierra Co. Pop. 1,080. M.O. Tel. Ry. Nevada City, 578.
Gold-S.—Bald Mountain Extension Mining Co. Extension mine. Tunnel, 7,000 ft. 300 days; 40 employes. Electricity. 50 cars. H. T. Briggs, mine supt.
Gold—Joseph Brand.
Gold—Bunker Hill Mining Co.
Gold—California Gold Production Syndicate, Ltd., 82 West Regent st., Glasgow, Scotland. I. M. Murray, secy.; Robert Stevenson, M. E., agent, gen. mgr. and buyer. Cap. stk., $250,000; $230,000 pd. up. (Developing.)
C.E.Sur.—L. D. Davis, C. E. United States deputy mineral surveyor.
Gold—Empire Gold Mining Co.
Gold—Excelsior Mining Co. John Costa, pres.
Gold—Germania Gold Mining Co.
Gold—Gold Bluff Mining Co. Gold Bluff mine. Tunnel. Free ore. Water. 20-stamp mill.
Gold—Gold Valley Gold Mining Co.
Gold—Golden Star Mining Co.
Gold—Goodhope Gold Mining Co.
Gold—Mabel Consolidated Mining Co.
Gold—W. A. Morse.
Gold—Mt. Moriah Quartz Mining Co.
Gold—Oxford Gold Quartz Mining Co. Oxford Quartz mine. Tunnel, 900 ft. Free ore. (Idle.)
Gold—H. H. Purdy.
Gold—H. Scamman.
Gold—Wide Awake Gold Mining Co.

DRYTOWN, Amador Co. Pop. 260. Tel. Ry. Latrobe, 841. Banking town Sacramento.
Gold—Gover Mining & Milling Co.

DUNLAP, Fresno Co. Ry. Reedley, 841.
Gold—Judge S. L. Carter, Fresno. Homestake mine. Placer. 200 days; 6 employes. Hydraulic.
Gold—J. W. Coffey.
Gold—J. W. Howell.
Stone—Howell & Kanawar.
Gold—S. C. Moore. Gilky mine. Placer. 200 days; 4 employes.
Gold—Moore & Davis. S. C. Moore, A. P. Davis. Oro Fino mine. Shaft, 70 ft. Tunnel, 100 ft. Refractory and free ore. (Developing.)

DUTCHFLAT, Placer Co. Pop. 690. M.O. Tel. Ry. 841.
Gold—W. &. P. Nicholls.

EDNA, San Luis Obispo Co. Ry. 841.
Gold—J. Moxley.

ELDORADO, Eldorado Co. Pop. 330. M.O. Tel. Ry. 841. Banking town Placerville.
Gold—Church Gold Mining Co. Church mine. Shaft and drifts. Free ore. Water. 10-stamp mill.
Gold—E. Harper.
Gold—Indian Creek Land & Mining Co.
Gold—Morgan Gold Mining Co.
Gold—Sacramento Developing Co.
Gold—Starlight Mining Co.
Gold—B. Yacom.

ELSINORE, Riverside Co. M.O. Tel. Ry. 839.
B.Coal—Cheney Coal Mining Co.
L.Coal—Elsinore Coal & Clay Co. Jas. Hill, gen. mgr. and buyer. Shaft, 80 ft. Tunnel, 1,500 ft. 6,000 tons; 15 employes. D. W. McCrea, mine supt.
Asbs.—Hoff Asbestos Mining Co. Open pit. Steam. Mill.

ENTERPRISE, Butte Co. Pop. 86. M.O. Ry. and banking town Oroville, 841.
Gold-S.—E. W. Slater.

ESCONDIDO, San Diego Co. Pop. 580. M.O. Tel. Ry. 839.
Gold—Gus Cravath.

ETNA MILLS, Siskiyou Co. Pop. 250. M.O. Tel. Ry. Yreka, 965a. Banking town Fort Scott.
Gold—Cory Bros. L. H. Cory, gen. mgr. B. B. mine. Tunnel, 160 ft. Free ore. Arrastre. Water.
Bluebell mine. Tunnel, 100 ft. Free ore. Arrastre. Water.
Bridger mine. Tunnel, 500 ft. Free ore. 200 tons. Arrastre. Water. (Developing.)
Gold—R. Fagundez.
Gold—Gee Wah Co.
Gold—Alex. Parker & Son.
Gold—Chas. Roberts.
Gold—Joseph Stevens.

EUREKA, Humboldt Co. Pop. 4,900. M.O. Tel. Ry. 280.
Stone—J. C. Bull, Jr., operator of quarry, owned by Flanigan, Brosman & Co. Sandstone. 107,500 tons; 150 days; 250 employes. Steam. C. Monahan, quarry supt.
Stone—City Street Improvement Co., Mills Bldg., San Francisco. Sandstone. 200,000 tons; 150 days. 175 employes. Steam. Operate 9 miles r.r.; 5 locomotives; 175 cars; 3 steamers. C. H. Monahan, quarry supt.
Gold—Eureka Oil Co.
Stone—Flanigan, Brosman & Co. Sandstone quarry. Operated by J. C. Bull, Jr.
Marble—Jno. O'Neil.
Stone—Pacific Coast Construction Co. Sandstone.
Stone—Simpson & Brown. Sandstone.
Lime—Trask & Crowe.

EXETER, Tulare Co. M.O. Tel. Ry. 841.
Gran.—Rocky Point Granite Works. (D. R. Griffith and R. H. Owens, props.) D. R. Griffith, gen. mgr. and buyer. Rocky Point quarry. 5,000 cords. Value, $10,000. 10 employes. D. R. Griffith, quarry supt.

FAIRFIELD, Solano Co. Pop. 550. M.O. Tel. Ry. 841. Banking town Suisun City.
Onyx—Tolenas Spring Onyx Co.

FAIRMONT, Los Angeles Co. M.O. Ry. Lancaster, 841. Banking town Los Angeles.
Marble—Antelope Valley Marble Co.

FELTON, Santa Cruz Co. Pop. 248. M.O. Tel. Ry. 841. Banking town Santa Cruz.
Lime—I. X. L. Lime Co.

FISH SPRING. P.O. Keller, Inyo Co. Ry. Alvord, 841.
Gold—James McCarty. Golden Reef mine. Tunnel, 300 ft. Free ore. 100 tons. 150 days; 1 employe. Water.

FOLSOM CITY, Sacramento Co. Pop. 700. M.O. Tel. Ry. 841.
Gran.—Capt. Chas. Aull. Granite quarry.
Stone—David Blower.
Gold—Chinese Claims.
Gold—P. Donan.
Gold—P. D. Eckhardt. Eckhardt mine. Placer. ½ mile of sluices. 300 days; 3 employes.
Gold—Folsom Water Power Co.
Marble—J. L. House.
Gold—Keefe & Mahoney. (Robt. Keefe, John Mahoney.) Placer. One mile of sluices. 280 days; 8 employes. Water.
Gold—E. M. McCue & Co.
Gold—White & Donnelly.

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FORBESTOWN, Butte Co. Pop. 230. M.O. Ry. and banking town Oroville, 841.
Gold—Beehive Mining Co. Beehive mine. Shaft and tunnel. Free ore. Steam. Stamp mill.
Gold—Mrs. M. A. G. Blake.
Gold-S.—Daniel Edgeman.
Gold—Kendall & Roberts.
Gold-S.—Nickerson & Co.
Gold—D. Reasner.
Gold—Estate of W. W. Stow. Gold Bank mine. Incline shaft, 400 feet. Free and refractory ore. 45,000 tons. 300 days; 100 employes. Water. Concentrator. 40-stamp mill. H. P. Stow, mine supt.
Gold—H. Stowe.
Gold—Syndicate Gold Mines & Mill Co., 194 Broadway, New York. Operations commenced Jan., 1896.
Gold—S. N. & T. B. Thurston.

FOREST, Sierra Co. Pop. 240. M.O. Tel. Ry. Nevada City, 578.
Gold—B. F. Dickinson.
Gold—Lucky Dog Gravel mine.
Gold—E. McCormick.
Gold-S.—Mammoth Spring Mining Co. Mammoth Spring mine. Tunnel. Free ore. Dan Devin, mine supt.
Gold—New Discovery Gold Mining Co.
Gold—South Fork Gold Mining Co.

FORESTHILL, Placer Co. Pop. 651. M.O. Tel. Ry. Colfax, 578; 841.
Gold—W. D. Cranage.
Gold—Cranage & Fiderer.
Gold—Dardanelles Gold Mining Co.
Gold—Forest Hill Divide Gold Mining Co. Tunnel. Free ore. Water. Stamp mill.
Gold—Homestake Consolidated Quarts Mining Co. Homestake mine. Tunnel. Free ore. Water. Stamp mill.
Gold—Live Oak Gold Mining Co.
Gold—Mayflower Gravel Mining Co. Mayflower mine. Tunnel. Steam and water. Stamp mill.
Gold—Paragon Mining Co.
Gold—C. F. Reed, Auburn, Drummond mine. Shaft, 300 ft. Tunnel, 1,200 ft. Free ore. Water. Concentrator. 10-stamp mill, 30 tons daily capacity.

FOREST HOME, Amador Co. Pop. 85. Ry. Latrobe, 841.
Gold—John Graham. Forest Home mine. Gravel placer. 2,000 acres. 300 days. Water. Also quartz claims at Plymouth.
Gold—Marlow Mining & Development Co.
Gold—W. C. Stanley.

FORKS OF SALMON, Siskiyou Co. Pop. 35. Ry. Yreka, 965a.
Gold—R. H. Bennett.
Gold—W. P. Bennett.
Gold—Bennett & McLaughlin.
Gold—L. Bevan.
Gold-S.—Golden Run Mining Co.
Gold—H. Grant.
Gold—Hansen & Dunnebrink.
Gold—Geo. McNeal.
Gold—P. Milich.
Gold—Shumway Bros.
Gold—L. Williams.

FORT BIDWELL, Modoc Co. Pop. 370. Ry. Redding, 841. Banking town Susanville.
Silver—Cottonwood Mining & Milling Co. E. B. Smalls, Cedarville, Cal., pres.; Wm. Whittemore, v. pres.; D. P. Brown, secy. and buyer; Max Fulcher, treas.; John Bucher, gen. mgr. Cap. stk. $50,000, pd. up. Mine and mill at Cottonwood, Nev. (Idle.)

FORT JONES, Siskiyou Co. Pop. 280. M.O. Tel. Ry. Yreka, 965a.
Gold—Geo. Baker & Sons.
Gold—R. E. Crocker.
Gold—L. J. Davis.
Gold—H. J. Diggles.
Gold—F. D. Fraser.
Gold—Last Chance Gold Mining Co. (Not incorporated). Last Chance mine. Placer. 200 days; 4 employes. S. E. Adams, mine supt.
Gold—J. A. Lincoln.
Gold—E. W. Miller.
Gold—J. Moore.
Gold—Richardson & Camp.
Gold—Schroeder & Werner.
Gold—W. Shell.
Gold—N. H. Smith.

FOSTER, San Diego Co. Tel. Ry. 790.
Grnite—Clark-Rockfellow Granite Co., 544 6th st., San Diego. Blue Crystal and Silver Gray quarries. 1,000 tons. 300 days; 5 employes.

FREEMAN, Kern Co. Ry. Mojave, 841.
Gold—Mills & Stiles.

FREESTONE, Sonoma Co. Pop. 190. Tel. Ry. 618. Banking town Valleyford.
Stone—Jos. Kane.

FRENCH CORRAL, Nevada Co. Pop. 110. Ry. and banking town Nevada City, 578.
Gold—Nichols Gold Mining Co.
Gold—Red Ledge Gold Mining Co.
Gold—Slide Quartz Mining Co.

FRENCH GULCH, Shasta Co. Pop. 220. M.O. Tel. Ry. and banking town Redding, 841.
Gold—American & Gold Hill mines, 40 and 41 Nevada Block, San Francisco. Free ore. 250 days; 10 employes. Steam. John W. Conant, mine supt.
Gold—Wm. Brown. Sibyl mine. Free and refractory ore. Water. Mill.
Gold—Celestial Mining Co. (S. W. Levy, prop.), 212 Sansome st., San Francisco. Bright Star, Iron Mask and 4 other mines. Perpendicular shaft, 120 ft. Tunnel, 210 ft. Free ore. 5-stamp mill, 10 tons daily capacity. Water. D. Desmond, mine supt. (Idle.)
Gold-S.—Ellery Bros.
Gold—Highland Gold Mining Co.
Gold—Jay I. See Gold Mining Co.
Gold—Frank Kelly & Co.
Gold—Magard Gold Mining Co.
Gold—New America Gold Mining Co.
Gold—W. T. St. Aubin.
Gold—G. W. Vanmeter.
Gold—Washington Gold Mining Co.

FRESNO, Fresno Co. Pop. 10,820. M.O. Tel. Ry. 841.
Gold—J. N. Albin.
Gold—Judge S. L. Carter. Mine at Dunlap.
Gold—J. Donohoe.
Mar.Gr.—Fresno Marble & Granite Works.
Gold—Fresno Mining & Milling Co.
Gold—Dr. J. Graham.
Gold—Frank Gross. Defiance mine. Shaft, 50 ft. Tunnel, 160 ft. 150 days; 2 employes. Water. 5-stamp mill, 5 tons daily capacity.
Gold—J. C. Hosle.
Gold—J. W. McDonald.
Gold—Ohio Gold Mining Co. Hon. Jas. E. Campbell, Hamilton, Ohio, pres.; J. A. McClurg, Sr., v. pres.; Frank Barrett, secy.; T. G. Hart, treas.; K. W. Brown, M. E., gen. mgr. and buyer. Cap. stk. $500,000. Mine at Pollasky.
Gold—O. B. Olufs.
Gyp.—D. O. Overal. Gypsum.
Gold—W. F. Roddick.
B.Coal—San Joaquin Coal Mining Co., 944 I st.
B.Coal—San Joaquin Valley Coal Mining Co.
Gold—Shepperd Bros.
Gold—W. A. Shepperd.
Gold—Smith Norris.
Gold—Smultz Bros.
Gold—Alva E. Snow.
Lime—Valley Lumber Co.
Gold—Zebra Mining Co.

GARDEN VALLEY, Eldorado Co. P.O. Georgetown. Ry. and banking town Placerville, 841.
Gold—Esperanzo Gold Mining Co., Georgetown. Esperanzo mine.
Gold—Lone Jack Gold Mining Co. Lone Jack claim. Shaft, 400 ft. (Developing.)

GARFIELD, Fresno Co. Ry. name Gordon. Ry. 841.
Gold—Logan Baird.

GASQUET, Del Norte Co. Ry. Crescent City, 645.
Gold—H. Gasquet.

GAZELLE, Siskiyou Co. M.O. Tel. Ry. 841. Banking town Yreka.
Gold—J. B. Russell.

GENESEE, Plumas Co. Ry. Beckwith, 830a. Banking town Reno, Nev.
Gold—Brandt Gold Mining Co.
Gold—Graham, Brown & Young.
Gold—Union Mining Co.

GEORGETOWN, Eldorado Co. Pop. 330. M.O. Tel. Ry. and banking town Auburn, 841.
Gold—W. Barklage. Golden State mine.
Gold—Beattie Bros.
Gold—Beattie & Parsons. Consolidated Placer Mining Co. Hydraulic. C. Beattie, supt.
Gold—A. E. Brass. Mine at Buckeye Hill, middle fork American River.

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GEORGETOWN—Continued.
Gold—E. W. Chapman. Taylor mine. Eldorado county. 40-stamp mill. Output 1895, net $80,000. Zancraft mine. 20-stamp mill.
Gold—English & Baldwin, San Francisco. Vann mine.
Gold—C. M. Fitzgerald. Woodside mine.
Gold—Jno. J. Flora. Mine at Volcanoville, Cal.
Gold—Forni & Smeder. Burt Alley. Placer.
Gold—W. C. Greer.
Gold—S. P. Kates. Norris Drift mine.
Gold—W. Kinney.
Gold—C. F. Lloyd. Mississippi Drift mine.
Gold—Chris. Raab.
Gold—Two Channel Gold Mining Co., Placerville. Several adjoining gravel placer claims, ancient river beds. Building 10-stamp mill and hydraulic works, Nov., 1895. Claims are 8 miles from Georgetown. W. C. Green, mine supt.
Gold—D. C. Webster. Webster Quartz & Grey Eagle Cliff (old channel) mines.
Gold—Whitney & Galpin. (M. E. Whitney, P. G. Galpin), 45 Crocker Bldg., San Francisco. Chanced Upon, or Darling mine. Shaft, 200 ft. Tunnel, 150 ft. Free ore. Concentrator. 10-stamp mill, 20 tons daily capacity. Steam.
Gold—A. J. Wilton. Kentucky Gravel mine.
Gold—R. S. Wilton. "W. W." Gravel mine.

GIBSONVILLE, Sierra Co. Pop. 133. Ry. Oroville, 841. Banking town Marysville.
Gold—Thos. Chapman.
Gold—Feather Fork Gold Gravel Co.
Gold—H. Tabor.
Gold—P. F. Turner.

GILROY, Santa Clara Co. Pop. 1,750. M.O. Tel. Ry. 841.
Qsr.A.—Stayton Mining Co. R. F. Knox, pres.; F. Smith, secy. and treas. Cap. stk., $5,000,000; $100,000 pd. up. Quicksilver and antimony. Mine at Hollister. (Idle.)

GLENCOE, Calaveras Co. Pop. 27. Ry. Valley Springs, 841.
Gold—E. A. Phelps, 120 Sutter st., San Francisco. Banner mine. Open pit. Free ore. Steam. 8-stamp mill, 10 tons daily capacity. (Idle.)

GLENDORA, Los Angeles Co. Pop. 170. M.O. Tel. Ry. 839. Banking town Los Angeles.
Gold—E. Pratt.

GLENVILLE, Kern Co. Pop. 89. M.O.
Gold—Burton & Sewell.

GOLDGULCH, Madera Co. Pop. 85. Ry. Madera, 841.
Gold—Conklin & McCarthy.
Gold—F. Dirks.
Gold—F. Dutchman.
Gold—Flying Dutchman Mining Co.
Gold—S. M. Jones.
Gold—Jones & Nimes.
Gold—T. Keefe.
Gold—T. Kipperdan.
Gold—Kipperdan & Murray.
Gold—J. B. Lang.
Gold—J. Lingo.
Gold—D. McClellan.
Gold—McClellan & Melvin.
Gold—H. McLaren.
Gold—Melle & Elam.
Gold—Morning Star Mining Co.
Gold—New Citizens Mining Co.
Gold—Ninnis & Jones. Carrie mine. Tunnel, 30 ft. Free ore. 2 employes. Fred. C. Ninnis, mine supt. (Developing.)
Gold—Ninnis & Morrison. Columbian mine. Shaft, 35 ft. Tunnel, 78 ft. Free ore. 600 tons; 300 days; 2 employes. Fred. C. Ninnis, mine supt.
Gold—Peterson & Jones.
Gold—Petersen & Krohn.
Gold—Plainview Mining Co., 41 I st. L. W. Krohn, pres.; J. H. Elam, v. pres.; C. L. Ripperdon, secy.; G. A. Krohn, treas.; F. W. Mellow, gen. mgr.; Ed Merrigan, buyer. Plainview mine. Shaft, 1,500 ft. Tunnel, 2,000 ft. Free ore. 42,600 tons; 300 days; 171 employes. Frue concentrators and 40-stamp mill. 640 tons daily capacity. Operate 14 miles ry.; 2 locomotives; 24 cars. Steam. John Krohn, Jr., mine supt. Niagara mine. Shaft, 400 ft. Free ore. (Developing.)
Gold—Thos. Strombeck.
Gold—Texas Flat Mining Co.

GOLD HILL, Eldorado Co. P.O. Granite Hill.
Gold—Jno. P. Jones.

GOLDRUN, Placer Co. Pop. 220. Tel. Ry. 841. Banking town Dutchflat.
Gold—Moody & Gayety.

GOODYEARS BAR, Sierra Co. Pop. 70. Ry. Nevada City, 578.
Gold—St. Charles Gravel Mining Co.
Gold—St. Charles Q. Mining Co.
Gold—J. R. Williams.

GORMAN STATION, Los Angeles Co. Pop. 35. Ry. Lancaster, 841.
Gold—Bicknell & Spence.
Gold—A. G. Caldicott.
Gold—E. P. Chilsen.
Gold—Frazier Mining Co., Los Angeles. Brown mine. Tunnel. Free and refractory ore. 2,000 tons. D. W. Menzies, mine supt.
Bunker Hill mine. Tunnel. Free and refractory ore. 1,000 tons. (Developing.)
Catasca mine. Tunnel. Free ore. 3,000 tons. Water. A. Frazier, supt.
White Mule mine. Tunnel. Free and refractory ore. Steam. J. P. Busheson, mine supt.
Gold—D. M. Menzie.

GOTTVILLE, Siskiyou Co. Ry. Yreka, 965a.
Gold—M. Freshour.
Gold—N. G. Gott.
Gold—Lee Moy Co.
Gold—J. Saxild.

GRANITEVILLE, Nevada Co. Pop. 240. Ry. Nevada City, 578.
Gold—Baltic Mining Co.
Gold—C. D. Eastin.
Gold—Erie Mining Co., 835 Manhattan Bldg., Chicago. Erie and Dublin Bay mines. Tunnel, 1,405 ft. Free ore; 300 days. 10-stamp mill. Water. G. A. Singer, mine supt.
Gold—Gambrinus Mining Co.
Gold—Jno. Hippert.
Gold—Live Yankee Gravel Mining Co. G. A. Singer, pres. and supt.; W. Mobley, v. pres.; W. McLean, secy.; S. Waldron, treas. Live Yankee mine. Placer. Tunnel, 700 ft. 300 days; 6 employes. Sluicing.
Gold—Maybank & Parsons.
Gold—D. J. Moore.
Gold—National Gold Mining Co.
Gold—P. O'Donnell.
Gold—Ozalli Bros.
Gold—E. D. Stevenson.

GRASS VALLEY, Nevada Co. Pop. 4,200. M.O. Tel. Ry. 578.
Stone—Ahearn Bros.
Marble—T. J. Ahearn.
Gold—Baltic Consolidated Mining Co. Baltic mine. Tunnel. Free ore. Water. Stamp mill.
Gold—Boston Mining Co. Granite Hill mine. Shaft. Free ore. Water.
Gold—Brunswick Gold Mining Co.
Gold—California Mining Co. California mine. Shaft. Free ore. Steam. 5-stamp mill.
Gold—Wm. Campbell. Norambaqua mine. Shaft. Free ore. Steam and water.
Gold—Centennial Quartz Mining Co. Centennial mine. Shaft. Free ore. Steam.
Gold—Central North Star Mining Co. Central North Star mine. Shaft. Free ore. Steam.
Gold—Clinch & Co.
Gold—John C. & Edward Coleman. Lucky Quartz mine. Slope. Free ore.
Gold—Conlon Gold Mining Co.
Gold—Crown Point Mining Co. (A. Gauthier.) Crown Point mine. Shaft, 400 ft. Tunnel, 380 ft. Free ore. 2,000 tons; 200 days; 16 employes. Water. Concentrator. 10-stamp mill, 8 tons daily capacity.
Gold—A. Dausse. Mont Zura mine. Tunnel, 160 ft. Free ore. 2 employes.
Gold—Henry Davis.
Gold—S. P. Dorsey.
Gold—Electric Mining Co.
Gold—Allison R. Ford.
Gold—A. Gauthier. Columbus Treasure mine. Shaft, 100 ft. Free ore. 3 employes. Steam.
Gold—Gold Bar Quartz Mining Co. Gold Bar mine. Shaft. Free ore. Steam and water.
Gold—Gold Flat Mining Co.
Gold-S.—Gold Point Consolidated Gold & Silver Mining Co. Gold Point mine. Shaft and drifts. Free ore. Water.
Gold—Golden Treasure Mining Co. Golden Treasure mine. Steam.
Gold—Good Hope Mining & Milling Co. Wm. Pascoe, pres. and treas.; Albert Gale, v. pres.; Richard Vincent, secy., gen. mgr. and buyer. Mine at Wheatland.

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GRASS VALLEY—Continued.
Gold—Granite Hill Mining Co.
Gold—Green Mountain Gold Mining Co. Green Mountain mine. Shaft. Free ore. Steam.
Gold—Hartery Consolidated Mining Co. Hartery mine. Free ore. Steam.
Gold—Hudson Bay Mining Co.
Gold—Idaho Quartz Mining Co. Idaho mine. Slope. Free ore. Water. Stamp mill.
Gold—Irish-American Mining Co. Irish-American mine. Shaft. Free ore. Horse. Stamp mill.
Gold—Jack Rabbit Milling & Mining Co., 113-116 Crocker bldg., San Francisco. Jack Rabbit mine. Incline shaft, 216 ft. Refractory ore. 18 employes. Steam.
Gold—King Solomon Mining Co.
Gold—J. M. Lakeman. Spring Hill mine. Slope. Free ore. Steam.
Gold—Lamarque Mining Co. E. G. Maltman, pres.; S. C. Thompson, treas. Lamarque mine. Shaft. Refractory ore.
Gold—McGuire & Biggs Placer Mine Co. Placer mine.
Gold—Mount George Mining Co.
Gold—Manion & Roach.
Gold—Maryland Gold Mining Quartz Co.
Gold—Menlo Mining Co. Homeward Bound and other claims. Slope. Free ore. Steam. Stamp mill.
Gold—Merrimac Gold Mining Co.
Gold—Merrimac Mining & Milling Co.
Gold—North Banner Consolidated Co.
Gold—Omaha Mining Co.
Gold—Original Pittsburg Gold Mining Co.
Gold—Orleans Mining Co.
Gold—Osborn Hill Mining Co. Osborn Hill mine. Shaft. Free ore. Steam.
Gold—Peabody Gold Mining Co.
Gold—Pennsylvania Cons. Mining Co.
Gold—Pennsylvania Gold Mining Co.
Gold-S.—Perrin Mining Co.
Smlt.—T. Pettijean. Smelter.
Gold—Providence Mining Co.
Gold—Red Hill Mining Co., Ltd.
Atty.—G. E. Riley, attorney at law.
Gold—St. Johns Gold Mining Co.
Gold—St. John Quartz Mining Co.
Gold—Shamrock Mining Co., Spreckels Bldg., San Francisco. Shamrock mine. Tunnel, 760 ft. Free ore. M. J. Farrell, M. E., mine supt.
Gold—Snechal & Richard.
Gold—South Idaho Consolidated Gold Mining Co.
Gold-S.—State Ledge Mining Co. State Ledge mine. Tunnel. Free ore. Water. Stamp mill.
Gold—H. Sylvester.
Gold—Telegraph Mining Co. Telegraph mine. Shaft. Free ore. Steam. Stamp mill.
Gold—A. Tregidlo.
Gold—H. Uphoff. Washington mine. Slope. Free ore. Steam and water.
Gold—R. Vincent.
Gold—Vulcan Mining Co. Vulcan mine. Shaft. Free ore. Horse.
Gold—White Oak Gold Mining Co. White Oak mine. Shaft and drifts. Free ore. Steam.
Gold—Williams Bros. Deer Creek mine. Tunnel and shaft. Free ore.
Gold—Wyoming Consolidated Mining Co. B. F. Runnels, pres., gen. mgr. and buyer; J. H. Manor, v. pres.; W. E. Parsons, secy.; Citizens' Bank, treas. Cap. stk., $100,000, $85,000 pd. up. Wyoming Consolidated mine. Incline shaft, 208 ft. Tunnel, 300 ft. Free ore. 270 days; 9 employes. Steam.
Gold—Yuba River Mining Co.

GREENVILLE, Plumas Co. Pop. 530. M.O. Tel. Ry. Beckwith, 830a. Banking town Reno, Nev.
Gold—Blind Lead Mining Co. Blind Lead mine. Tunnel. Free ore. D. McIntyre, supt.
Gold—Drury Pacific Consolidated Mining Co.
Gold—J. F. Emmons.
Gold—S. Firmstone.
Gold—Hibernia Mining Co.
Gold—Johnny Bull Mining Co.
Gold—McGill & Standart. Consolidated Quartz mines.
Gold—Duncan McIntyre.
Gold—Fred Scott.
Gold—Chas. Standart.
Gold—G. Standart & R. H. McGill. Cap., $20,000. Plumas Consolidated mine. Drift. Free ore. (Developing.) G. Standart, mine supt.
Gold—J. O. Toole.

GREENWOOD, Eldorado Co. Pop. 350. Ry. and banking town Auburn, 841.
Gold—Jacob Baessler. Yankee Bar. Placer.
Gold—Barklage Estate.
Gold—Belle Union Quartz Mining Co., 328 Montgomery st., San Francisco.
Gold—F. G. Bilty.
Gold—M. Bleibtrew. Invisible mine. Tunnel. Placer.

GREENWOOD—Continued.
Gold—Wm. Bordt. Flora and Bordt mines. Shaft, 20 ft. Tunnel, 60 ft. Free ore.
Gold—C. C. Bucknam.
Gold—F. Carvajal.
Gold—J. Cheney.
Gold—W. Dixon.
Gold—Juan Donozo. Free ore. Idle.
Gold—J. Gallagher.
Gold—A. Hannay.
Gold—M. Howe.
Gold—Sam'l. Kaiser.
Gold—L. E. P. Lachance. Oakland Consolidated mine. Open pit.
Gold—Lee & Wolf.
Gold—H. Linck.
Gold—T. Marson.
Gold—Revenge Mining & Milling Co. Revenge mine. Tunnel. Free ore. Stamp mill.
Gold—H. Rodbrush.
Gold—G. W. Simpers.
Gold—H. Welch.
Gold—F. Winkelman.
Gold—J. A. Wolf.

GRIDLEY, Butte Co. Pop. 690. M.O. Tel. Ry. 841.
Gold—Blue Lead Gravel Mining Co.

GRIZZLY FLATS, Eldorado Co. Pop. 55. Ry. and banking town Placerville, 841.
Gold—W. T. Armstrong.
Gold—Broks & Jennings.
Gold—Clara Gold Mining Co.
Gold—Wm. Cole.
Gold—A. J. Graham.
Gold—Mrs. Kate Hoskins.
Gold—Mrs. M. Jeffrey.
Gold—J. W. Kendall.
Gold—S. A. Laine.
Gold—L. L. Lamborn.
Gold—Lawrence, Levy & Melton.
Gold—Lawrence & Co.
Gold—McAfee, Missamore & Poor.
Gold—J. M. McLain.
Gold—J. M. McClean.
Gold—Mt. Pleasant Gold Mining Co.
Gold—J. Melton.
Gold—Moore & Claybourne.
Gold-S.—E. R. Morey.
Gold—Jno. B. Perry.
Gold—Wiley Sexton.
Gold—Springer & Johnson.
Gold—Watts & Crocker.
Gold—G. & M. Wheeler.

GROVELAND, Tuolumne Co. Pop. 186. Ry. and banking town Oakdale, 841.
Gold—Louis Cassaretto.
Gold—Cosmopolite Mining Co. Cosmopolite mine. Tunnel. Free ore. Stamp mill.
Gold—Aug. Defferam.
Gold—Foot & Co.
Gold—Winslow Hubbard.
Gold—J. P. James. Two Brothers mine. Shaft, 100 ft. Ophir mine. Tunnel, 200 ft. Free ore. 200 days; 3 employes. (Developing.)
Gold—D. Longfellow.
Gold S.—Mount Zion Mining Co. Mount Zion mine. Shaft. Free ore. Steam.
Gold—Poole, Reid & Co.
Gold—Jas. Valentine.

GRUBGULCH, Madera Co. Pop. 160. Ry. Raymond, 841. Banking town Fresno.
Gold—Crystal Spring Mining Co.
Gold—King Gulch Mining Co.
Gold—W. A. Poole.
Gold—J. E. Spencer.
Gold—Chas. Ward.

HALLECK, San Bernardino Co. Pop. 120. M.O. Tel. Ry. name Oro Grande. Ry. 839. Banking town San Bernardino.
Gold—Horace Eaton.
Copper—Horace Eaton & Co.

HAMBURG, Siskiyou Co. Ry. Yreka, 965a. Banking town Ft. Jones.
Gold—Andrews & Miner.
Gold—John H. Everill. Everill mine. Tunnel, 100 ft. Gravel. Water. (Developing.)
Gold—M. Harrigan.
Gold—W. Kettlewood.
Gold—Lain Bros.
Gold—J. S. Lowden.
Gold—R. McCrey.
Gold—Maplesden & Son.
Gold—B. F. Maplesden.
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HAMBURG—Continued.
Gold—W. Maplesden.
Gold—W. F. Myers.
Gold—A. Taylor.
Gold—Tibbits & Co.
Gold—Willard & Co.

HAPPY CAMP, Siskiyou Co. Pop. 165. M.O. Ry. Yreka, 965a. Banking town Ft. Jones.
Gold—James Bozzi.
Gold—Camp & Co.
Gold—Claussen & Co.
Gold—Cum Ah Took.
Gold—Dillon Hill Mining Co.
Gold—A. Doolittle.
Gold—J. A. Fritts.
Gold—B. Goodwin.
Gold—C. Gordon. Pennsylvania mine. Placer.
Gold—S. C. Howard.
Gold—David Huey.
Gold—Jerry Lane.
Gold—Ock & Co.
Gold—Joseph Reeves.
Gold—Mrs. Mary Reeves.
Gold—Seattle Placer Mining Co., Burke Bldg., Seattle, Wash. Seattle mine. Placer. 300 days; 12 employes. Water.
Gold—Siskiyou Hydraulic Co.
Gold—M. Smith.
Gold—Geo. Temple.
Gold—Thompson Creek Co.

HART, Shasta Co. Ry. Redding, 841.
Gold—Texas Consolidated Gold Mining Co. R. G. Hart, sr., pres. and gen. mgr.; W. M. Hart, v. pres.; I. L. Hart, secy.; Bank of Tehama Co., treas.; E. J. Sittig, buyer. Cap. stk., $1,000,000, pd. up. Texas Consolidated mine. Five tunnels, 7,750 ft. Free and refractory ore. 12,000 tons; 300 days; 110 employes. Steam. Concentrator. 20-stamp mill, 40 tons daily capacity. W. M. Hart, mine supt.

HAVILAH, Kern Co. Pop. 46. Ry. Caliente, 841.
Gold—Bald Eagle Mining Co.
Gold—D. V. Burton, Bakersfield. White Pine mine. Shaft, 40 ft. Tunnel, 50 ft. Free ore. 75 tons. 60 days; 3 employes. Water.
Gold—Jno. Hayes. Ophir and Canty mines. Shafts and tunnel. Free ore. Steam. Stamp mill.
Gold—Tracy N. Stebbins. Mine at Kernville.
Gold—E. Vaughan.
Gold—Whitney View Mining Co., Bakersville. Whitney View mine. Shaft, 50 ft. Tunnel, 40 ft. Open cut, 100 ft. Free ore. 150 tons; 125 days; 10 employes. 4-stamp mill. Water. D. V. Burton, mine supt.

HAWKINSVILLE, Siskiyou Co. Ry. and banking town Yreka, 965a.
Gold—Geo. Simmons.

HAYDENHILL, Lassen Co. Pop. 28. Tel. Ry. Amedee, 577.
Gold—Blue Bell Mining Co.
Gold—W. Dale.
Gold—Evening Star Gold Mining Co.
Gold—Golden Eagle Mining Co.
Gold-S.—Hayden Hill Consolidated Mining Co., Bieber. Big Valley Tunnel mine. Tunnel, 1,245 ft. Free ore. 250 days; 4 employes. Gas engine.
Gold—L. H. Hopkins.
Gold—W. Howard.
Gold—C. A. McBride. Placer. Hydraulic. Stamp mill.
Gold—North Star Mining Co.
Gold—S. Owens.
Gold—E. B. Preston.
Gold—Dr. Schlosser.
Gold—E. S. Shanklin. Brush Hill mine. Two shafts, 225 and 400 ft. Free ore. 3,000 tons; 300 days; 12 employes. 10-stamp mill, 10 tons daily capacity. Water. Geo. F. Stone, mine supt.
Gold—T. Summers.
Gold—Elst. F. Vander.

HEALDSBURG, Sonoma Co. Pop. 2,000. M.O. Tel. Ry. 794.
Qsr.—Cinnabar King Mining Co. J. W. Rose, pres.; Eli Bush, v. pres.; E. S. Rowland, secy.; W. P. White, treas. Cap. stk., $600,000. Cinnabar King mine. Quicksilver. Tunnels, 1,000 ft. 3 employes. (Developing.)
Min.P.—J. F. Ortman & Co., 305 Front st., San Francisco. Oxide of iron. 1,550 tons; 300 days; 10 employes. Steam. Paint mill.
Qsr.—White Bros. Quicksilver.

HEDGES, San Diego Co. Ry. Ogilby, 841.
Gold—Golden Cross Mining Co.

HENLEY, Siskiyou Co. Pop. 195. Tel. Ry. Hornbrook, 841. Banking town Yreka.
Gold—Herman Adams.
Gold—H. C. Babcock. Gold Gravel mine. Tunnel. Placer.
Gold—Blue Gravel Mining Co. Blue Gravel mine. Placer.
Gold—Brass Wire Mining Co. Brass Wire mine. Placer. Hydraulic.
Gold—S. Clarey.
Gold—S. W. Clark.
Gold—J. W. Courtney.
Gold—Crooker Bros.
Gold—W. B. Edmonson & Co.
Gold—W. T. German.
Gold—J. Griffith.
Gold—A. Harvey.
Gold—H. Hazlett & Co.
Gold—J. H. Hazlett.
Gold—J. Jacobs.
Gold—C. B. Jellison.
Gold—T. J. Keaton.
Gold—Thos. Lawler.
Gold—William Low. Placer mine.
Gold—E. McGee.
Gold—J. McGraw.
Gold—Niles Mining Co. Rocky Gulch Bonanza mine. Placer.
Gold—C. B. Pool.
Gold—J. Prince.
Gold—W. H. Ritchie.
Gold—Roberts & Thomas. Bumble Bee mine. Shaft and tunnel.
Gold—Thos. Shultz.
Gold—A. G. Smith.
Gold—W. H. Smith.
Gold-S.—Thomas & Dupre. Gold and silver.
Gold—W. A. Wright.

HILDRETH, Madera Co. Ry. Madera, 841.
Gold-S.—P. Bazinet. Bazinet mine. Incline, 25 ft. Tunnel, 100 ft. Free ore. 40 tons; 60 days. Arrastre.
Lawsuit mine. Shaft, 30 ft. Free ore. 16 tons; 45 days.
Liza Jane mine. Incline, 60 ft. Tunnel, 150 ft. 8 tons. 52 days. Horse.
Gold—J. M. Bowles.
Gold—R. P. Brownell.
Gold—J. Kirby.
Gold—Jos. Markle. Slope. Free ore. Horse.
Gold—J. H. Morris.
Gold—J. P. Newman.
Gold—W. W. Poole & Co.
Gold—J. W. Strathan.
Gold—George Sym.
Gold—E. D. Topping.
Gold—C. Williams.
Gold—Mrs. R. C. Williams. Last Chance mine and other claims. Tunnel. Placer.
Gold—Wise & Brennan.

HILLSDALE, Santa Clara Co. M.O. Tel. Ry. 841.
Gold—J. O. & E. A. Hayes.
Stone—Jacob Pfieffer.

HOBOKEN, Trinity Co. P.O. Francis. Ry. Redding, 841.
Gold—Moses Patterson.

HOLLISTER, San Benito Co. Pop. 1,240. M.O. Tel. Ry. 841.
Ant.—Jos. Bishop. Antimony mine.
Iron—Gypsy Mining Co.
Ant.—Geo. Shriver. Shriver mine. Antimony. Shaft, 250 ft. Tunnels, 1,300 ft.
Eureka mine. Antimony. Tunnel, 100 ft.
Qsr.A.—Stayton Mining Co., Gilroy. Stayton mine. Quicksilver and antimony.
Qsr.A.—George Vaughan. Quicksilver and antimony. Vaughan mine. Slope and tunnel.

HORNBROOK, Siskiyou Co. Tel. Ry. 841.
Gold—American Bar Mining Co. P.O. Box 88, Portland, Oregon. River placer. 30 employes. James Main, mine supt.
Gold—J. C. Bayer.
Gold—Black Jack Mining Co
Gold—J. L. Coyle.
Gold—E. W. Davis.
Gold—Hizlett & Coyle.
Gold—Geo. Lee.
Gold—Wm. Loe.
Gold—McGraw Bros.
Gold—A. W. Niles.
Gold—E. A. Niles.
Gold—Prince & Brown
Gold—Rummel & Co.
Gold—J. Rundals.
Gold—Silsley & Hughes.
B.Coal—Siskiyou Coal Mining Co.
Gold—Jas. Sterling.

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HORNITOS, Mariposa Co. Pop. 270. M.O. Ry. and banking town Merced, 841.
Gold—Camperdown Mining Co.
Gold—Edward P. Casterline, San Jose. Nog and Julia mines. Shaft, 480 ft. Free ore. 22,000 tons; 269 days; 74 employes. Steam. 30-stamp mill, 40 tons daily capacity.
Gold—Enterprise Gold Mining Co.
Gold—Miss Rose McCann.
Gold—M. L. Rogers.

HUENEME, Ventura Co. Pop. 790. M.O. Tel. Ry. Montalvo, 840.
Gold—Lion Oil & Asphalt Co.
Iron—San Antonio Oil Co.

HURLETON, Butte Co. Pop. 100. Ry. Oroville, 841.
Gold—R. C. Coleman.
Gold—G. C. Daley.
Gold—A. P. Frary.
Gold—W. F. Gibson.
Gold—L. C. Jacobs.
Gold—A. C. McCauley.
Gold—W. W. McMillan.
Gold-S.—J. C. O'Callaghan.
Gold—August Rosa.
Gold—T. W. Serviss.

IGO, Shasta Co. Pop. 149. M.O. Ry. and banking town Redding, 841.
Assy.—E. L. Ballou. Assaying. Specialty, concentration and chlorination.
Gold-S.—E. L. Ballou. Falls, Hope and Manzanita mines. Tunnels. Refractory ore. 3 employes. Stamp mill, 900 tons an. capacity.
Gold—W. D. Bull.
Gold—M. Christensen.
Gold—G. Doeblein.
Gold—W. Dunham.
Conc.—Falls Mine Concentrator.
Gold—J. W. George.
Gold—R. G. Harvey.
Gold—Hubbard & Kingsbury.
Gold—C. Jones.
Gold—N. C. Norris.
Silver—S. W. Robinson.
Gold—Jno. Sparks.
Gold—T. White.
Gold—J. B. Wright.

INDEPENDENCE, Inyo Co. Pop. 408. M.O. Tel. Ry. 125. Banking town Tehachapi.
Gold—Jno. Basto.
Gold-S.—A. W. Eiberhutz. Brown Monster mine. Incline shaft, 400 ft. Free and refractory ore.
Gold—L. C. Gray.
Gold—J. J. Haley.
Gold—Hirsch Mining Co.
Gold—Kersarge Mining Co.
Gold—P. Keys.
Gold—Jerry Molers.
Gold—Nathan Rhine.
Borax—Salt Wells Borax Co.

INDIO, Riverside Co. Tel. Ry. 841. Banking town Colbo.
Gold—Consolidated Dos Palms Mining Co. Dos Palms mine. Tunnel. Free ore.
Gold—Holland & Tingman.
Gold—A. G. Tingman.

INSKIP, Butte Co. Pop. 80. Ry. Oroville, 841.
Gold—J. N. Besse.
Gold—Boyer & Carpenter.
Gold—M. Bracken.
Gold—C. W. Carpenter.
Gold—Christnot & Co. Tunnel and shaft. Free ore.
Gold—Patrick Coffey.
Gold—Jno. Costa.
Gold—Davis & Cory. West Branch mine. Placer.
Gold—Manuel Enos. Ogden Revere mine. Placer.
Gold—Golden Summit Blue Gravel Mining Co. Golden Summit mine. Tunnel. Placer.
Gold—S. J. Henderson.
Gold—Thomas Henderson. Golden Thread mine. Tunnel. Placer. Water.
Gold—Daniel Klanberg.
Gold—G. W. Leeper.
Gold—Leeper & Cory.
Gold—Thos. McVeigh.
Gold—Faustina Machado. Machado mine. Placer.
Gold—Rooker & Lacey.
Gold—T. Salisbury.
Gold—J. A. Wetherbee.

INYO, Inyo Co. Ry. name Swansea. Ry. 125.
Marb.—Inyo Marble Co. Inyo quarry.
Gold—W. C. Pidge.

INYO—Continued.
Gold—R. C. Spears.
Gold—A. Standinger.
Gold—Swansea Bell Mining Co.

IONE, Amador Co. Pop. 809. M.O. Tel. Ry. 841.
Iron—Ione Coal & Iron Co.
G.S.C.—Newton Copper Co., Ranlett. Newton mine. Gold, silver and copper. Shaft, 400 ft. Levels, 2,000 ft. Smelting ore. Steam. (Idle.)
B.Coal—Sacramento & Ione Coal Co.

IVANPAH, San Bernardino Co. Pop. 75. Ry. Manvel, 579.
Gold—J. A. Bidwell.
Gold—Alton Burp.
Gold—Julius Burp.
Gold—H. W. Giezzell.
Silver—Julius Jacobs, 204 Sansome st., San Francisco. (Idle.)
Gold—B. M. Lawrence.
Gold—L. S. Lawrence.
Gold—Thos. Taylor.

JACKSON, Amador Co. Pop. 1,620. M.O. Tel. Ry. Ione, 841. Banking town Sacramento.
Gold—Alma Mining Co.
Gold—Amador Gold Mining Co., Ltd.
Gold—Anita Gold Mining Co., San Francisco. Anita mine. Incline shaft, 250 ft. Free ore. 15 employes. Steam.
Gold—Argonaut Mining Co.
Gold-S.—W. N. Bar Due, 124 9th st., San Francisco. Shaft, 400 ft. Tunnels, 1,100 ft. Refractory ore. Water. Concentrator and 20-stamp mill, 50 tons daily capacity.
Gold—S. Bright.
Atty.—John F. Davis, attorney at law. Specialty, mining law and water rights. Ex-judge of the superior court.
Gold—Jackson Gold Fields, Ltd., 11 Poultry, E. C., London, Eng. Col. F. Lean, pres.; A. J. Barnett, secy. Amador Queen No. 1 mine. Shaft, 160 ft. Free ore. 12 employes. Water. Concentrator. 60-stamp mill, 180 tons daily capacity. James E. Dye, mine supt.
Gold—Kennedy Mining & Milling Co., 404 Montgomery st., San Francisco. Kennedy mine. Shafts, 2,000 ft. Free ore. 36,000 tons; 300 days; 100 employes. Concentrator. 40-stamp mill, 100 tons daily capacity. Water. J. F. Parks, M. E., mine supt.
Gold—W. B. Moore. Doyle mine. Tunnel, 250 ft. Crosscut, 100 ft. Free ore. Water, 500 ft. fall. Starting up, Oct., '95.
Gold—Jos. Poggi & Co.
Gold-S.—South Eureka Mining Co., San Francisco. South Eureka mine. Incline shaft, 1,050 ft. Free ore. 15 employes. Water and steam. Concentrator and 20-stamp mill, 50 tons daily capacity. J. F. Parks, M. E., mine supt.
Gold—J. H. Tibbets.
Gold—Zella Mining Co. Zella mine. Free ore. Steam and water. Stamp mill and concentrator.

JACKSONVILLE, Tuolumne Co. Ry. and banking town Oakdale, 841.
Gold—C. A. J. Waterman. Golden Crystal mine. Shaft and tunnel. Free ore.

JAMESTOWN, Tuolumne Co. Pop. 385. M.O. Tel. Ry. Milton, 841. Banking town Oakdale.
Gold—App & Co. Shaft. Free ore. Water and steam. Stamp mill.
Gold—Ballard & Neville.
Gold—H. Carlin, jr.
Gold—Dutch Mining Co. Dutch mine. Shaft. Free ore. Stamp mill.
Gold—Fitzgerald & Co.
Gold—Gray Eagle Mining Co.
Gold—G. A. Leland. Nigger Hill mine.
Gold—Martha Washington Placer Mining Co. Peoria mine. Placer. Water.
Gold—Miller & Holmes.
Gold—W. E. Nevells.

JEFFERSON, Nevada Co. P.O. Washington.
Gold-S.—Geo. Tilden Co.

JENNY LIND, Calaveras Co. Pop. 80. M.O. Ry. Milton, 841. Banking town Stockton.
Gold—Calaveras Water & Mining Co.
Gold—Plymouth Rock Gold Mining Co.

JOHNSVILLE, Plumas Co. Pop. 320. M.O. Ry. Beckwith, 830a. Banking town Truckee.
Gold—Jamison Mining Co. Jamison mine. Shaft and drifts. Free ore. Water.
Gold—Little Jamison Gold Mining Co.
Assy.—Wm. F. Johns, assayer and electroplater. Supt. Plumas Eureka mine.
Gold—Plumas Eureka Gold Mining Co.

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JOLON, Monterey Co. Pop. 200. M.O. Ry. King City, 841. Banking town Gonzales.
Gold—Cruikshank Gold Mining Co.
Gold—Guisely & Co.

JULIAN, San Diego Co. Pop. 340. M.O. Ry. Lakeside, 790. Banking town San Diego.
Gold—Bailey Bros.
Gold—N. Bailey.
Gold—Ella Mining Co. (See S. N. Wilcox.)
Gold—Gold King Mining Co.
Gold—Rugby Mining Co.
Gold—Warlock Mining Co.
Gold—Horace Wilcox.
Gold—S. N. Wilcox. Ella mine. Tunnel, 700 ft. 5 employes.

JUNCTION CITY, Trinity Co. Pop. 100. Tel. Ry. Redding. Banking town Weaverville.
Gold—F. G. Haas.
Gold—T. E. Jones.
Gold—Sheriden Bros.

KEELER, Inyo Co. M.O. Tel. Ry. 125. Banking town, Tulare.
G.S.L.—Mark Hand. Gold, silver and lead.
Silver—Jas. Jenkins. Harrison mine. Tunnel and shaft. Refractory.
G.S.L.—Robt. Lockett. Landmark mine. Gold, silver and lead. Shaft and tunnel. Refractory ore.
G.S.L.—J. A. McKenzie. Gold, silver and lead.
Gold—Swansea Mining Co.

KELLOGG, Sonoma Co. Ry. Calistoga, 841.
Qsr.—C. H. Holmes. Mine at Calistoga, Cal. Quicksilver.

KELSEY, Eldorado Co. Pop. 100. Ry. Placerville, 841.
Gold—Big Sandy Mining Co.
Slate—Jacob Strahle Slate Co., 331 Montgomery st., San Francisco. Strahle quarry. Open pit. Water.
Slate—Strahle Slate Quarry. Thos. Alderson, Placerville, owner.

KENNETT, Shasta Co. Pop. 50. M.O. Tel. Ry. 841.
Gold—Clipper Gold Mining Co.
Gold—Croesus Gold Mining Co.
Lime—Holt & Gregg. Limestone and kilns.
Iron—Shasta Iron Co., San Francisco. Potter and other iron claims. Open pits. (Never operated.)

KENWOOD, Sonoma Co. M.O. Tel. Ry. 841.
Stone—P. Maroni. Basalt quarry.

KERNVILLE, Kern Co. Pop. 220. M.O. Ry. Caliente, 841. Banking town Bakersfield.
Sur.E.—Stephen Barton, surveyor and engineer.
Gold—Bob Lee Mining Co.
Gold—D. V. Burton, Bakersfield. Undershot mine. Two shafts, 40 ft. Free ore. 25 days; 2 employes. 5-stamp mill. Water. Also mine at Havilah.
Gold—Tom Lane.
Gold—Tracy N. Stebbins, Havilah. Old Keys mine. (Owned by Stephen Barton, surveyor and engineer.) Shaft, 100 ft. Free ore. Gasoline engine. (Developing.)
Gold—J. W. Sumner. Mine at Keysville.
Anti.—Sumner & Brown. Standard mine. Antimony. Shaft and tunnel.
Gold—Thede & Medina.

KEYSVILLE, Kern Co. P.O. Kernville. Ry. 841.
Gold—Keysville Gold Mining Co.
Gold—J. W. Sumner, Kernville. Mammoth mine. Shaft and tunnel. Free ore. Water.

KING CITY, Monterey Co. Pop. 260. M.O. Tel. Ry. 841. Banking town Gonzales.
Asph.—Mylan Asphalt Co.
Stone—T. J. Mylar. Basalt quarry.

KLAMATH, Humboldt Co. Ry. Arcata, 841.
Gold—Chinese Company.
Gold—F. Sebastian.

KNOXVILLE, Napa Co. Pop. 70. Ry. Tancred, 841.
Qsr.—E. Harrison. Quicksilver.
Iron—Knox & Osborne.
Qsr.—Lake Mining Co., 237 1st st., San Francisco. Quicksilver. Manhattan and Lake mines. Shafts and tunnels. Refractory ore. 4,000 tons; 200 days; 25 employes.

LAKEPORT, Lake Co. Pop. 1,000. M.O. Ry. Pieta, 794.
Qsr.—L. Boggs. Quicksilver.

LANG, Los Angeles Co. Tel. Ry. 841.
Mica—C. H. Clayton. Gov. McKinley mine. Open pit. (Developing.)
Gold—W. H. Thomas.
Gold—Jos. E. Youngblood.

LA PATERA, Santa Barbara Co. P.O. Goleta. Ry. 841.
Asph.—Santa Barbara Co.

LAPORTE, Plumas Co. Pop. 300. M.O. Ry. Oroville, 841.
Gold—Bald Mountain Gold Mining Co.
Gold—F. Cayot.
Gold—Feather Fork Gold Mining Co.
C.E.Sur.—C. W. Wendel, civil engineer. U. S. Deputy Mineral Surveyor.
Gold—C. B. Wingate. Thistle shaft. Drift, 500 ft.

LAWS, Inyo Co. Tel. Ry. Bishop, 125.
Gold—D. C. Albright.
Gold—O. E. Duenwig.
Gold—Inyo Gold Mining Co., Terre Haute, Ind. Southern Belle mine. Shaft, 450 ft. Free ore. 300 days; 10 employes. 5-stamp mill, 12 tons daily capacity. Water. O. E. Duenweg, mine supt.

LEON, Riverside Co. Ry. Menifee, 31. Banking town Perris.
Gold—Briggs Bros.

LETCHER, Fresno Co. Ry. Fresno, 841.
Gold—M. V. Ashbrook.
Gold—B. Hancock.
Gold—Mrs. M. Jensen.
Gold—S. M. Jensen. Midnight Star mine. Shaft and tunnel. Free ore.
Gold—Edward Lloyd. Confident mine. Slopes and tunnels. Free ore. Water. Stamp mill.
Gold—Hugh Nipper.
Gold—J. Vernette.

LEWISTON, Trinity Co. Pop. 190. Tel. Ry. Redding, 841. Banking town Weaverville.
Gold—Ah Jim.
Gold—Ah Sawm.
Gold—J. J. Anderline.
Gold—C. L. Blakemore.
Gold—Blakemore & Springstead.
Gold—V. M. Chamberlain.
Gold—Jno. Collopy.
Gold—J. M. Crow.
Gold—Frank Daniels.
Gold—J. J. Daniels.
Gold—J. H. Fisher.
Gold—J. Gifford.
Gold—R. Hamilton.
Gold—C. Hickey.
Gold—Chas. Ingrams.
Gold—J. Jacobie.
Gold—Lewiston Hill Placer Mine.
Gold—M. McKinney.
Gold—Jas. Norton.
Gold—M. Olsen.
Gold—Shedd & Scott. Ferry Gulch mine. Placer.
Gold—Geo. Summers.
Gold—Taylor & Tulman.

LIDELL, Napa Co. M.O. Ry. St. Helena, 841.
Qsr.—B. M. Newcomb. Quicksilver.

LIME KILN, Tulare Co. Ry. Exeter, 841. Banking town Visalia.
Lime—Payne & Son.
Lime—Pogue Bros.

LINCOLN, Placer Co. Pop. 1,000. M.O. Tel. Ry. 841.
Gran.—Byrne Bros. & McClear.
Gran.—Grimes & Co.
Gran.—T. L. Coffey.
Gran.—T. H. Jetler.
Gran.—Mrs. Keller.
Gran.—Paran Bros.

LIVERMORE, Alameda Co. Pop. 1,540. M.O. Tel. Ry. 841.
Stone—Altamont Stone Co.
B.Coal—Eureka Coal Mining Co.
Marb.—Edward Kiely.
Iron—A. Mendenhall.
Mang.—H. H. Pitcher. Manganese. 400 tons per annum. 8 employes.
B.Coal—San Francisco & San Juan Coal Co.

LONEPINE, Inyo Co. Pop. 495. M.O. Tel. Ry. 125. Banking town Tulare.
Silver—Jas. Starborough.
Gold—Victor Trapier.

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LONEPINE—Continued.
Gold—J. Wilson.
Gold—Wilson & Montano.

LOOMIS, Placer Co. M.O. Tel. Ry. 841.
Marble—Carlaw Bros., Sacramento.
Gold—W. P. Harlow.
Gran.—P. Hoy. Granite.

LOS ANGELES, Los Angeles Co. Pop. 52,000. M.O. Tel. Ry. 477; 839; 841.
Lime—Alpine Plaster Co.
Lime—Alpine Plaster & Cement Co.
Gold—Alpine Springs Land & Water Co.
C.&Hy.E.—Burr Bassell, 524 Stimson blk. Civil and hydraulic engineer. U. S. deputy mineral surveyor.
Coal—Black Diamond Coal Co.
Marb.—Brown & Ford. Marble.
Gold—J. Burnop.
Lime—Butcher & Richmon.
Cemt.—California Portland Plaster Cement Co., San Francisco.
Gold—Carbonate Mining Co.
Gold—Mortimer Curran.
Gran.—Declez Granite Co.
M.E.—F. W. Edelsten. Mining engineer and practical miner. Stimson blk.
Gold—Frazier Mining Co. J. D. Bicknell, pres.; F. C. Conant, secy. Cap. $100,000. Mines at Gorman's Sta.
Machy.—James B. Freeman, 704 S. Spring st. Manufacturer of Freeman's dry process gold separator.
Gold—Gold Consolidated Placer & Hydraulic Mining Co.
Lead-S.—Great North-Western Lead & Silver Co.
Asph.—Mrs. Ida Hancock. Asphaltum.
Gold—Prof. W. W. Hilgard.
Gold—Ibex Mining Co.
Marb.—Lane Bros.
Roll.M.—Los Angeles Iron & Steel Co., Short and Santa Fe ave. A. S. Robbins, pres.; H. L. Pinney, v. pres.; W. B. Smith, secy.; C. H. Myers, treas.; J. G. Chamberlain, gen. mgr. and buyer. Los Angeles rolling mill: One 20-inch muck train 3 high; one 22-inch 3 high; plate mill 60 inches. One train plate roughing rolls 26x60; one 22x42 sheet rolls; 275 days; 65 employes. Steam. Sheet iron, sheet steel and light plate. 3,000 tons. F. R. Harris, mill supt.
Lime—Los Angeles Lime Co.
Asbs.—Pacific Asbestos Co.
Marb.—Pacific Marble & Granite Co.
Gold-S.—Perimide Mining Co.
Stone—Porphyry Paving Co., 41 Baker blk.
Stone—W. P. Rhoades, 228 W. 2nd st. Sandstone.
B.Rock—San Luis Obispo Bituminous Rock Co., 253 S. Broadway. A. C. Bassett, pres.; Edwin H. Lamme, v. pres.; W. G. Hughes, secy. and treas. Mines at San Luis Obispo.
Gran.—Conrad Scheerer. Granite. Cap. $10,000. Quarry at Victor.
Smlt.—Southern California Smelting and Refining Co.
Marb.—W. H. Stahl & Co. Marble.
Cem.—Stornell Cement Pipe Co.
Gold—W. M. Stover.
Asph.—Tar Springs Asphalt Co., 111 S. Broadway.
Lime—Union Lime Co.
Marb.—Victor Marble Co., 237 W. 1st st. Conrad Scheerer, prop. Quarries at Victor.
M.Gr.—Victor Marble & Granite Co.
Silver—R. J. Whitton.

LOS GATOS, Santa Clara Co. Pop. 2,000. M.O. Tel. Ry. 841.
Stone—Los Gatos Lime Co., 323 Montgomery st., San Francisco. Limestone.

LOTUS, Eldorado Co. M.O. Ry. Placerville, 841.
Gold—Grube & McKinney.
Gold—C. H. Grube.

LOWELL HILL, Nevada Co. Pop. 25. Ry. Dutchflat, 841.
Gold—Barney & Welch.
Gold—Jas. Hill.
Gold—Liberty Hill Water & Mining Co.

LOWER LAKE, Lake Co. Pop. 420. M.O. Ry. Calistoga. 841.
Qsr.—J. C. Baker. Baker mine. Quicksilver. Shaft and tunnels. Horse. Retorts.
Qsr.—A. A. Gibson. Quicksilver.
Gran.—R. Mathews. Granite.
Qsr.—Sulphur Bank Quicksilver Mining Co., 306 California st., San Francisco. Open pit and shaft, 205 ft. Steam. Richard White, mine supt.
Qsr.—R. White. Quicksilver.

LUMPKIN, Butte Co. Ry. Oroville. 841.
Gold—Ketrick Bros.

LUNDY, Mono Co. Pop. 130. Ry. Hawthorne, Nev. 125. Banking town Carson City, Nev.
Gold—T. Albright.
Gold—Bryant Gold Mining Co.
Gold—M. R. Burns.
Gold—A. L. Butterfield.
Gold—M. J. Cody.
Gold—G. M. Jackson.
Gold—Jackson & Lakeview Mining Co.
Gold—D. Jones.
Gold—Lake View Gold Mining Co.
Gold—W. F. McKenzie.
Gold—Mary Lundy Gold Mining Co.
Gold—R. G. Montrose.
Silver—W. P. Onkst.
Gold—Ontario Syndicate.
Gold—F. Pierce.
Gold—H. T. Trewethan.

MADERA, Madera Co. Pop. 1,600. M.O. Tel. Ry. 841.
Gold—Hitchcock & Sinas.
Gold-S.—I. Keating. Patterson mine. Shaft, 150 ft. 280 days. 4 employes. Stamp mill, 6 tons daily capacity.

MAGALIA, Butte Co. Pop. 243. Ry. and banking town Oroville, 841.
Gold—Aurora Mining Co.
Gold—C. W. Bader.
Gold—Jno. Bader & Bro.
Gold—A. Burt.
Gold—D. D. Campbell.
Gold—F. Christian.
Gold—Mrs. C. H. Church.
Gold—J. Coad.
Gold—L. Cohn.
Gold—Collins & Dean.
Gold—D. C. Crandall.
Gold—C. H. Dewey.
Gold—Joseph Glines. Willard mine. Placer. Hydraulic.
Gold—M. A. Glover.
Gold—M. Goodday.
Gold—L. J. Lewis.
Gold—J. McDonald.
Gold—E. McKinney.
Gold—J. Maley.
Gold—T. Mayford.
Gold—Joe Moore.
Gold—W. T. Morgan.
Gold—W. J. Morris.
Gold—J. Morrison.
Gold—George E. Pary.
Gold—C. Polster.
Gold—C. H. Riffe.
Gold—B. Shipley.
Gold—R. Shipley.
Gold—C. C. Slocum.
Gold—Geo. Wyhler.
Gold—H. Wyman.

MANSFIELD, Monterey Co. Ry. King City, 841.
Gold—Grizzly Mine Co.

MARIPOSA, Mariposa Co. Pop. 400. M.O. Ry and banking town Merced, 841.
Gold—Thos. Birchard.
Gold—Champion Gold Mining Co., Chicago. Champion mine. Shaft, 100 ft. Tunnels, 210 ft. (Developing; assessment work.)
Gold—Judge Condon.
Gold—J. J. Ellingham.
Gold—Farmers' Hope Mine.
Gold—Frances Mining Co.
Gold—W. E. Gallison.
Gold—Gallison & Ridgeway.
Gold—Geo. Lacy.
Gold—Jas. Ridgeway.
Gold—Geo. Robinson.
Gold—Ward Bros.
Gold—O. W. Ward. Whitlock mine. Shaft and tunnel. Free ore. Steam.

MARKLEEVILLE, Alpine Co. Pop. 150. Ry. and banking town Carson City, Nev.
Gold—C. Coleman.
Gold—Chas. Dudley.
Gold—Al. Nelson.

MARYSVILLE, Yuba Co. Pop. 400. M.O. Tel. Ry. 841.
Gold—Black Maria Consolidated Mining Co.
Gold—Catskill Gravel Mining Co.
Marb.—David Condon.
Gold—Eastern Star Mining Co.
Gold—Fillmore Hill Mining Co.
Gold—G. Harney.
Gold—Jefferson Gold Quartz Mining Co. F. W. Johnson, pres., gen. mgr. and buyer; C. E. Swezy, v. pres.; G. W. Harney, secy.; Rideout Bank, treas. Cap. stk., $100,000, $10,000 pd. up. Mine at Brown's Valley, Cal.

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MARYSVILLE—Continued.
Gold—F. W. Johnson.
Gold—Johnson, Swezy & Brown.
Gold—H. Malloch.
Gold—Mark Antony Gold & Silver Mining Co.
Qsr.—Marysville Tunnel & Mining Co. Quicksilver.
Gold—E. E. Meek.
Gold—W. C. Ogden.
Gold—John Peffer Mining Co.
Marb.—W. H. Plymire. Marble.
Gold-S.—R. D. Rideout. Gold and silver.
Gold—E. W. Sawtelle. Black Bull mine. Tunnel. Placer.
Gold—Jas. A. Sneed.
Gold—Chas. E. Swezy.
Gold-S.—Timbuctoo Gold & Silver Mining Co.
Gold—Turner Drift Mining Co.

MAYBERT, Nevada Co. M.O. Ry. Nevada City, 578.
Gold—Blue Jay Gold Mining Co.

MEADOW VALLEY, Plumas Co. Pop. 38. Ry. Oroville, 841.
Gold—Diadem Mining Co. (A. E. Chalmlund, J. A. Edman, M. E., and C. Boysen); partnership. J. A. Edman, gen. mgr. Diadem mine. Shaft, 300 ft. Tunnels, 2,000 ft. 10,000 tons; 250 days; 12 employes. Water and steam. Roller mills, 40 tons daily capacity.
Gold—Sash Brown & Co. Mine at Spanish Ranch.

MENDOCINO, Mendocino Co. Pop. 860. M.O. Tel. Ry. 645.
Marb.—Julius Allen. Marble.

MENIFEE, Riverside Co. Ry. 839. Banking town Perris.
Gold—Luke Walker.

MERRIMAC, Butte Co. Ry. Oroville, 841.
Gold-S.—E. C. Robinson. Cap., $52,000. Mines at Quincy.
Gold-S.—J. Teppen.

MICHIGAN BAR, Sacramento Co. Pop. 120. Banking town and Ry. Sacramento, 841.
Gold—Armado & Sacramento Canal Co. Hill Top mine. Placer. Hydraulic.
Gold—Consumers' Land & Water Co.
Gold—Jas. Gordon. Gordon mine. Placer. Hydraulic.
Gold—McCullough & Hilton.
Gold-S.—J. B. Ritter.
Gold—Roger, Watson & Davis.
Gold—Taylor & Tracy.

MICHIGAN BLUFF, Placer Co. Pop. 380. M.O. Ry. Colfax.
Gold—A. J. Bishop.
Gold-S.—Columbia Gold & Silver Mining Co.
Gold—G. W. Cusick.
Gold—Damacus Mining Co., 40 and 41 Nevada blk., San Francisco. Damascus mine. Tunnel, 1,000 ft. Gravel. Placer.
Gold—Alfred Dixon.
Gold—Fissell & Co.
Gold—D. L. Gorman.
Gold—Hank & Co.
Gold—Harmeson & Co.
Gold—Hurd & Bickford. Fox Flat mine. Placer. Hydraulic.
Gold—Ed. Kavanaugh.
Gold—J. H. Keown.
Gold—C. Knopiel.
Gold—Thos. McCall.
Gold—W. B. Marshall.
Gold—Wm. Mitchell.
Gold—Moorehead & Co.
Gold—Muir Tunnel Co.
Gold—Myers & Co.
Gold—R. Noble.
Gold—S. Park & Co.
Gold—L. Podesto.
Gold—Mrs. S. A. Powers.
Gold—Wm. M. Ray & Co.
Gold—H. Shermire.
Gold—P. Shields & Co.
Gold—Stuart & Co.
Gold—Sutchiff Bros.
Gold—E. G. Thompson.
Gold—Stephen Thompson.
Gold—Turkey Hill Gold Mining Co.

MIDDLE CREEK, Shasta Co. P.O. Redding. Tel. Ry. 841.
Gold—Calumet Gold Mining Co. Calumet and Poor Man mines. Shaft, tunnel and drifts. Refractory ore. Water. Stamp mill.
Gold—Eureka Tellurium Gold Mining Co., Redding. Tellurium mine. Shaft, stopes and 1,500 ft. tunnel. Refractory ore, treated by Murdoff process.

MIDDLETOWN, Lake Co. Pop. 340. M.O. Ry. Calistoga, 841. Banking town Lakeport.
Iron—Ed. Anderson.
Gold—Bradford Quartz Mining Co.
Qsr.—Bullion Quicksilver Mining Co., Bullion mine. Shaft and tunnel. Cinnabar. Horse. Furnace.
Iron—G. W. Davis.
Iron—P. B. Graham.
Gold—Great Western Gold Mining Co.
Qsr.—Great Western Quicksilver Mining Co., San Francisco. Great Western mine. Cinnabar. Shaft, 400 ft. Quicksilver, 5,000 flasks; 300 days; 150 employes. Two furnaces, 50 tons daily capacity. Steam. Andrew Rocco, mine supt.
Iron—Thos. Hobishaw.
Gold—Mirable Quartz Mining Co.
Iron—M. Munz.
Qsr.—Munz & Ransdell, Chicago. Quicksilver mine. Shaft, 100 ft. Tunnel, 70 ft. (Developing.)
Qsr.—Napa Consolidated Quicksilver Mining Co. Oat Hill mine. Tunnel, 2,000 ft. Cinnabar. Quicksilver, 6,000 flasks; 300 days; 250 employes. Furnace, 30 tons daily capacity. B. M. Newcomb, mine supt.
Iron—Wm. H. Parsons.
Iron—Grant Read.
Iron—Andrew Rocca & Co.
Iron—Geo. A. Sacry.
Qsr.—Standard Quicksilver Min'ng Co. Mirabel mine. Shaft, 400 ft. Cinnabar. Quicksilver, 3,000 flasks; 300 days; 60 employes. Furnace, 24 tons daily capacity. Steam. Z. W. Christoffer, mine supt.
Iron—Col. F. Von Licht.

MILL CREEK, Mono Co. P.O. and Ry. Bridgeport, 279a.
Gold—Mono Lake Hydraulic Mining Co., Mill Creek.

MINERSVILLE, Trinity Co. Pop. 70. Ry. Redding, 841. Banking town Weaverville.
Gold—J. C. Bolton.

MINNESOTA, Sierra Co. P.O. Alleghany. Ry. Nevada City, 578.
Gold—Martin Mehan.

MODOCK, Inyo Co. Ry. Keeler, 125.
Gold—J. J. Gunn.

MOHAWK, Plumas Co. Ry. Beckwith, 830a. Banking town Reno, Nev.
Gold-S.—Bullion Mining Co. J. C. Knickrem, gen. mgr. Bullion mine. Shaft, 100 ft. Tunnel, 200 ft. Free ore.
Gold-S.—Mountaineer Mining Co. Mountaineer mine. Shaft, 50 ft. Tunnel, 300 ft. Free Ore. 10 employes. Five-stamp mill, 15 tons daily capacity. Steam and electricity.

MOJAVE, Kern Co. Pop. 250. M.O. Tel. Ry. 841.
Borx.—San Bernardino Borax Mining Co., San Francisco. Borax Lake. Borax obtained by evaporation from water. Steam. Seventy-five miles from Ry. Freight hauled by two 22-mule teams. Production since operations were commenced, 1,200,000 tons. (Idle at present owing to low price borax.)
Gold—W. C. Wilson.

MOKELUMNE HILL, Calaveras Co. Pop. 580. M.O. Tel. Ry. Valley Spring, 841. Banking town Stockton.
Gold—V. A. Berthel.
Gold—Black Slate Gold Mining Co., 402 Front st., San Francisco. Shaft and tunnel, 100 ft. Free and refractory ore. Water.
Gold—C. M. Burlsom & Co.
Gold—C. P. Colby.
Gold—M. Davidson.
Gold—Geo. Edwards.
Gold—Green Mountain Mining and Milling Co., Oakland. Green Mountain mine. Tunnel, 1,700 ft. Free ore. 35,000 tons; 300 days; 25 employes. Stamp mill. Water. J. J. McSorley, mine supt.
Gold—Gwin Mine Development Co., San Francisco. Gwin mine. Shaft, 865 ft. Free and refractory ore. 300 days; 30 employes. Two canal boats. Water. F. F. Thomas, mine supt.
Gold—W. T. Harris & Co.
Gold—Wm. Hutchinson.
Gold—Kee, Chong & Co.
Gold—J. J. McSorley. Why Not mine. Shaft, 100 ft. Free ore. Stamp mill.
Gold—P. Maguire.
Gold—Mokelumne & Campo Seco Canal & Mining Co., 330 Pine st., San Francisco.
Gold—S. S. Moser. Excelsior mine. Placer. Hydraulic.
Gold—Pearsall & Estrade.
Gold—South Paloma Gold Mining Co., San Francisco. Gwin mine extension. Shaft, 110 ft. and tunnel. Free ore. 9 employes. Water.
Gold—Thos. Sullivan.

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MONO LAKE, Mono Co. Ry. 80a.
Gold—Hammond Bros. Charleston Consolidated mine. Tunnel. Free ore. Water. Stamp mill.
Gold—J. P. Hammond.
Gold—E. C. Mattley.
Gold—Thompson & McNabb.

MONTICELLO, Napa Co. Pop. 250. M.O. Ry. and banking town Napa, 841.
Gold—Reuben Clark. Mines at Brownsville and Redding.

MOORE'S FLAT, Nevada Co. Pop. 105. Ry. and banking town Nevada City.
Gold—C. Hegarty.

MOUNT EDEN, Alameda Co. Pop. 160. Tel. Ry. 841. Banking town Oakland.
Salt—F. Arff.
Stone—Bahmberger & Lagon.
Stone—R. Baren.
Stone—J. Barton.
Stone—P. Christiansen.
Stone—Jno. Johnson. Basalt rock.
Stone—F. Lund.
Stone—C. Madsen.
Stone—Jno. Michelson.
Stone—P. Michelson.
Salt—F. Ohlson.
Salt—Mrs. E. A. Olliver.
Stone—D. Pestdorf & Co.
Salt—J. P. Tuckson.
Stone—L. N. Wisley.

MURPHY, Calaveras Co. Pop. 580. M.O. Ry. Milton, 841. Banking town Stockton.
Gold—D. Baratini. Roble mine. 35 days; 2 employes. Steam.
Gold—Beatrice Gold Mining Co.
Gold—Calaveras Gold Mining Co.
Gold—Carley Bros.
Gold—Cataract & Wide West Gravel Mining Co., 916 Market st., San Francisco. Cataract and Wild West auriferous gravel mines. Tunnels, shafts and drifts. (Developing.)
Gold—Collier Mining Co.
Gold—W. Collier.
Gold—Dodson & McQuoid.
Gold—McCleary & Martin.
Gold—Norfolk Gold Mining Co.
Gold—Robles Gold Mining Co.
Gold—Total Wreck Gold Mining Co.
Gold—Willard Gold Mining Co.

MUSICK, San Luis Obispo Co. Ry. Arroyo Grande, 644.
Gold—J. & F. Kessler.

NAPA, Napa Co. Pop. 4,890. M.O. Tel. Ry. 841.
Gold—Golden Rule Mining & Milling Co. B. M. Newcomb, pres.; O. H. Buckman, v. pres.; Henry Brown, secy. and treas. Cap. stk., $500,000 pd. up. Mine at Stent.
Marb.—Newman & Wing.

NASHVILLE, Eldorado Co. Pop. 90. Ry. Shingle Springs, 841.
Gold—Havilah Mining Co.
Gold—J. C. Heald.
Gold—J. M. Vandergrift.

NATIONAL CITY, San Diego Co. Pop. 1,400. M.O. Tel. Ry. 574; 839.
Gold—Cedrous Island Mining & Milling Co.

NELSON POINT, Plumas Co. Pop. 50. Ry. Beckwith, 830a.
Gold—Blue Gravel Mining & Milling Co.
Gold—W. Metcalf & Co. Texas Flat mine. Hydraulic. Placer.
Gold—Willow Creek Gold Mining Co.

NEVADA CITY, Nevada Co. Pop. 3,000. M.O. Tel. Ry. 578.
Gold—Geo. F. Allen.
Gold—Beckman Hill Gravel Mining Co. Beckman Hill mine. Shaft and tunnel.
Gold—Bell Fountaine Gold Mining Co.
Gran.—E. D. Bridges, Box 139.
Gold—Brunswick Mining Co.
Gold—Francis N. Burns. Cap., $50,000. Montana mine. Incline shaft, 400 ft. Free ore. 2,000 tons. Steam. Concentrator. T. Jones, mine supt.
M.E.—Francis N. Burns, practical mining and railway engineer. New York hotel.
Gold—Cadmus Mining Co.
Gold—Judge Caldwell.
Gold-S.—Champion Mining Co. Champion mine. Shaft. Free ore. Water. Stamp mill.
Gold—Consolidated Wyoming Mining Co.

NEVADA CITY—Continued.
Gold—Federal Loan Gold Mining Co. Federal Loan mine. Shaft and slope. Free and refractory ore. Water. 10-stamp mill.
Gold—Fountain Head Gravel Mining Co. I. J. Rolfe, pres.; Edward Muller, secy.; Citizens' Bank, treas. Cap. stk. $1,000,000. $9,000 pd. up. Fountain Head mine. Incline shaft, 97 ft. Water. (Developing.)
Gold—Harmony Gold Gravel Mining Co.
Gold—C. Hesse.
Gold—J. W. McCall.
Gold—Manzanita Consolidated Gravel Mining Co. Manzanita Consolidated mine. Placer. Water.
Gold—Martin Bros.
Gold—Mayflower Mining Co. Mayflower mine. Shaft and tunnel. Free ore. Water. 5-stamp mill.
Gold—Mt. George Gold Mining Co.
Gold—Edward Muller and J. M. Walling, owners Muller & Walling Consolidated claim. Incline shaft, 87 ft. Tunnel, 200 ft. Free ore.
Gold—Nevada City Mine. Incline shafts and tunnels. Free ore. 7,680 tons; 300 days; 60 employes. Concentrator. Twenty-stamp mill, 44 tons daily capacity. Steam and water. B. N. Shoecraft, mine supt.
Gold-S.—Odin Gold & Silver Mining Co. Nebraska and Wait for the Wagon mines. Placer. Hydraulic.
Gold—Odin Gravel Mining Co.
Red.Wks.—Pioneer Reduction Co.
Gold—Pittsburg Mining Co.
Gold—Plummer Quartz Mining Co.
Gold-S.—Providence Mining Co. Providence mine. Shafts and tunnels. Free ore. Water. Stamp mill.
Gold—St. Louis Mining Co.
Gold—Smith, Clay & Housman (partnership). Francis N. Burns, M. E., gen. mgr. Grand Prize mine. Incline, 400 ft. Free ore. Concentrator and stamp mill. Water. (Idle.)
Gold—Stanford Gold Mining Co. (John Caldwell, John Curry), partnership. Stanford mine. Incline shaft, 350 ft. Free ore. Water. Ten-stamp mill. John Curry, mine supt. (Developing.)
Gold-S.—Texas Gold & Silver Mining Co.
Gold—A. G. Turner. You Bet Eastern mine. Tunnel, 350 ft. Placer; 10,000 tons; 300 days; 15 employes. Water. 8-stamp mill, 28 tons daily capacity.
Gold—W. Veal.
Gold—Vincent & Brand.
Gold—West Harmony Mining Co.

NEW ALMADEN, Santa Clara Co. Pop. 200. M.O. Tel. Ry. 841.
Gold—Thos. Derby.

NEWCASTLE, Placer Co. Pop. 400. M.O. Tel. Ry. 841. Banking town Auburn.
Gold—C. F. Adams.
Gold—Jas. Butts.
Gold—P. M. Cranj.
Stone—J. Gatt.
Gold—Peter Harris.
Gold—Jno. Holbrook.
Gold—Maj. E. L. Hubbard.
Gold—R. Jones.
B.Coal—Joshua Kelly.
Gold—W. J. Lawrence.
Gold—J. D. Matthews.
Gold—J. H. Mitchell.
Gold—W. A. Plantz.
Gold—Stephen Quinn.
Gold—Col. B. F. Reed.
Gold—Adolph Schuable.
Gold—Dr. M. Schuable.
Gold-S.—Schuable & Co. Gold and silver.
Gold—G. L. Threlke.
Gold—Anton Zantgroff.
Gold—Jacob Zantgroff.

NEWHALL, Los Angeles Co. Pop. 230. M.O. Tel. Ry. 841. Banking town Los Angeles.
Silver—C. D. Rush. Mary Frederick mine. One slope. Two tunnels. Refractory ore. 126 days; 1 employe. (Developing.)

NILES, Alameda Co. Pop. 250. M.O. Tel. Ry. 841. Banking town Irvington.
Stone—Farwell Stone Co. Niles and Farwell quarries. Sandstone.

NIMSHEW, Butte Co. Pop. 50. Ry. Chico, 841.
Gold—J. R. Brown.
Gold—Eagle Gold Mining Co.
Gold—Lucky Strike Mining Co.
Gold—Oro Fino Mining Co.

NORTH BLOOMFIELD, Nevada Co. Pop. 500. M.O. Banking town. Ry. Nevada City, 578.
Gold—S. C. Bivens.
Gold—Derbec Blue Gravel Mining Co. Derbec mine. Placer. Steam and Hydraulic.

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NORTH BLOOMFIELD—Continued.
Gold—C. O. Jepsen.
Gold—D. R. McKillian.
Gold—R. Rossen.
Gold—Sue, Kee & Co.
Gold—Waukesha Consolidated Co.

NORTH COLUMBIA, Nevada Co. Pop. 160. Ry. and banking town Nevada City, 578.
Gold—Delhi Mining Co. Delhi mine. Tunnel. Free ore. Water. Stamp mill.

NORTHFORK, Madera Co. Ry. Madera, 841.
Gold—W. Hall.
Gold—J. F. Hutchinson.
Gold—J. D. Jones.
Gold—Jas. Lawson.
Gold—D. M. Lemon.
Gold—Miller & Holt.
Gold—T. Muhley.
Gold—J. Petersen.
Gold—Pray & Dean.
Gold—P. Ralph.
Gold—Telles & Morton.

NORTH SAN JUAN, Nevada Co. Pop. 350. M.O. Tel. Ry. Nevada City, 578.
Gold—Badger Hill Gold Mining Co.

NOVATO, Marin Co. M.O. Ry. 794. Banking town San Rafael.
Stone—F. C. De Long, Est.

NOVELTY, Siskiyou Co. P.O. Forks of Salmon. Ry. Yreka, 965a.
Gold—Glider Gold Mining Co.
Gold—Gold Ridge Gold Mining Co.
Gold—Harson Gold Mining Co.
Gold—Know Gold Mining Co. Know Nothing mine. Tunnel. Free ore. Water. Stamp mill.
Gold—Madrone Gold Mining Co.
Gold—Wolverine Gold Mining Co.

OAKBAR, Siskiyou Co. Pop. 90. Banking town and Ry. Yreka, 965a.
Gold—F. Anderson.
Gold—H. Andrews.
Gold—Henry J. Barton.
Gold—J. Barton.
Gold—Barton & Lichtamo.
Gold-S.—R. Billups. Gold and silver.
Gold—W. Boles.
Gold—Bret, Lacey & Barton.
Gold—R. Everill.
Gold—J. Gayhart.
Gold—J. Hubbard.
Gold—Geo. Jensen.
Gold—Jensen & Co. Placer. Water.
Gold—H. F. Kohl.
Gold—H. Lange.
Gold—Lange & Zollicoffer.
Gold—W. Leonard.
Qsr.—Jas. McCauley. Quicksilver.
Gold—Neft & Sons.
Gold—C. H. Peck & Co.

OAKDALE, Stanislaus Co. Pop. 2,000. M.O. Tel. Ry. 841.
Marb.—American Granite & Marble Co.
Gold—J. W. Dunlap.
Lime—V. L. Fortin.
Stone—L. Voyle.
Gold—D. B. Warfield.
Gold—J. W. Woodside.

OAKLAND, Alameda Co. Pop. 50,000. M.O. Tel. Ry. 107; 841.
Gold—Edson Adams.
Stone—Alameda Macadam Co.
Marb.—Amador Marble Co. Hiram Tubbs, pres.; Wm. G. Henshaw, v. pres.; E. M. Hall, Jr., secy.; D. Edward Collins, treas., gen. mgr. and buyer. Cap. stk., $100,000 pd. up. Marble works. Quarry at Plymouth.
Gold-S.—Bald Mountain Mining Co., 957 Broadway. John Thexton, pres.; W. H. Lee, v. pres.; M. C. Rigney, secy.; Geo. Chase, treas.; Geo. E. De Golia, buyer. Cap. stk., $1,000,000; $806,000 pd. up. Claim at Norris, Mont.
Gold-S.—Benham & Thomas.
Gold—California Gold Mining & Development Co., 460 9th st. L. F. Gilmore, pres. and gen. mgr.; E. P. Thompson, v. pres.; A. J. Frank, secy.; F. F. Baker, treas.; N. A. Walker, buyer; Col. A. Ahlburger, M. E. Cap. stk., $50,000; $34,000 pd. up. Mines at Shasta, Cal.
Stone—California Improvement Co., 1003½ Broadway.
Marb.—Michael Dineen.
Marb.—Daniel Dwyer.
Gold—Frazier Mining & Milling Co.

OAKLAND—Continued.
Gold—G. W. Grayson.
Qsr.—Great Eastern Quicksiver Mining Co., 611 Market st.
Gold—Green Mountain Mining & Milling Co. C. H. Smith, pres.; A. M. Benham, v. pres.; W. R. Thomas, secy.; Central Bank, treas.; J. J. McSorley, gen. mgr. and buyer. Cap. stk., $500,000; $100,000 pd. up. Mine at Mokelumne Hill.
Gold—A. G. Grenett.
Gold—W. J. Gurnett.
Gold—E. M. Hall.
Gold—J. Hitchcock.
Gold—H. C. Hopkins.
Roll.M.—Judson Manufacturing Co. Rolling mill.
Marb.—I. F. Kelly.
Gold—W. E. Lamb.
Stone—Laundry Farm Stone Co. Blue rock.
Gold—J. L. Lyon.
Gold—Martha Washington Gravel Mining Co.
Gold—W. N. Martin.
Cemt.—Oscar Mayer. Cement.
Gold-S.—Monarch Consolidated Gold Mining Co., 1250 Broadway. S. P. Potter, pres.; W. R. Thomas, secy. and treas.; J. L. Lyon, gen. mgr. and buyer. Cap. stk., $500,000. Mine at Rough and Ready.
Stone—Oakland Paving Co., 906 Broadway.
Stone—Oakland Rock Co. C. W. Wilkins, pres.; Frank Ench, v. pres.; Julius Crist, secy.; Central Bank, treas.; J. T. Cochran, gen. mgr. and buyer. Cap. stk., $250,000; $50,000 pd. up. Quarry at Berkley.
Roll.M.—Pacific Iron & Nail Co., 132 Market st., San Francisco. Four heating, two puddling and three nail plate furnaces. One train rolls, nail plate 20-inch, and one train rolls, puddling; 250 employes. Steam.
Gold—Hon. Geo. C. Perkins.
Gold—E. W. Roberts.
Gran.—Rocklin Granite Co.
Gold—Shenandoah Gold Mining Co., Masonic blk.
Gold—Shenandoah Mining & Develop. Co., 508 12th st.
Gold—Capt. J. W. Smith.
Gold—Geo. E. Whitney.
Gold—Winer Bros. & Co.

OAKVILLE, Napa Co. Pop. 300. M.O. Tel. Ry. 841. Banking town St. Helena.
Qsr.—Oakville Mining Co. Quicksilver.

OATHILL, Napa Co. Ry. St. Helena, 841.
Qsr.—Consolidated Quicksilver Mining Co.
Iron—E. A. Hardy.
Qsr.—Napa Consolidated Quicksilver Mining Co., 70 Kelby st., Boston, Mass. Quicksilver, 230 flasks; 300 days; 125 employes. Steam.

OCEANSIDE, San Diego Co. M.O. Tel. Ry. 839. Banking town San Diego.
Lime—Jno. Schuyler.

OGILBY, San Diego Co. P.O. Hedges. Tel. Ry. 841.
Gold—T. F. Johnson.
Gold—Dr. Mathieson.
Gold—Occidental Mining Co.
Gold—Padre y Madre Mine.
Gold—Paymaster Gold Mining Co.

OMO RANCH, Eldorado Co. Ry. Placerville, 841.
Gold—Crystal Mining & Milling Co. Crystal and other claims. Shaft and tunnel. Free and refractory ore. Water. Stamp mill.
Gold—C. Edner.
Gold-S.—Polk & Parker Bros. Philadelphia and Gold Note mines. Shaft, 150 ft. Tunnel, 600 ft. Free and refractory ore. 10 employes. Water. 10-stamp mill, 15 tons daily capacity. R. S. Raw, mine supt.
Gold—Stillwagon Mining & Milling Co.

ONEALS, Madera Co. Ry. Madera, 841.
Gold—Mark Anderson.
Gold—J. T. Baker.
Gold—Baker & Keller.
Gold—W. Beck.
Gold—A. Cadoza.
Gold—Keefe & Taylor.
Gold—Lillie Gold Mining Co.
Gold—Loomis & Falkoner.
Gold—McKenzie & Rhule.
Gold—J. H. Oester.
Gold—Chas. O'Neal.
Gold—R. Stayton.
Gold—F. Wetmore.
Gold—S. H. Wilson.

ONO, Shasta Co. Pop. 90. Ry. and banking town Redding, 841.
Gold—H. Arkarro.
Iron—Bully Choop Mining Co.
Iron—Cumberland Mining Co.
Gold—M. Gardiner.

ONO—Continued.
Stone—J. L. Lockhart.
Gold—J. Murray.

ONYX, Kern Co. Ry. Caliente, 841. Banking town Bakersfield.
Gold—A. Bartholone.

OPHIR, Placer Co. Pop. 150. Ry. Newcastle, 841. Banking town Auburn.
Gold-S.—Boulder Mining Co., San Francisco. Boulder mine. Slope, 180 ft. Free ore. 10 employes. Concentrator, 12 tons daily capacity. Eight-stamp mill, 12 tons daily capacity. Water. C. C. Handy, mine supt.
Gold—L. Ferguson.
Gold-S.—C. C. Handy. Good Friday mine. Shaft, 300 ft. Free ore. 4 employes. Water.
Gold—B. F. Hartley.
Gold-S.—Kaiser, Brown & Schnable.
Gold-S.—Francis Lavallee. Green mine. Incline, 220 ft. Free ore. 20 employes. Concentrator, 12 tons daily capacity. Steam. Francis X. Lavallee, mine supt.
Gold-S.—Lavallee & Ferguson.
Gold—N. Maring & Son. Bullion mine. Shaft. Free and refractory ore. Steam.
Gold—W. R. Monahan. Monumental mine. Shaft. Free ore.
Gold-S.—Ophir Valley Gold Mining Co. Ophir mine. Shaft. Free ore. Water. Stamp mill.
Gold—Wm. Pellow.
Gold—Lozano Pillow.
Gold-S.—Chas. F. Reed, Auburn. Gold Blossom mine. Shafts, 100 and 186 ft. Tunnels, 400 ft.
Back Action mine. Shaft, 100 ft. Tunnel, 600 ft. Refractory ore. Ten-stamp mill, 30 tons daily capacity. Concentrator.
Gold—St. Lawrence Mining Co.
Gold—Otto T. Walter.
Gold—Jas. S. Winn.

ORLEANS, Humboldt Co. Ry. Arcata, 21a. Banking town Eureka.
Gold—Allen & Lord. Red Cap and French Bar. Placer. Hydraulic.
Gold—Chas. Bristol.
Gold—A. Ferris.
Gold—H. Ferris.
Gold—H. Knudson.
Gold—C. Lord.
Gold—Wm. Lord. Runnel's Creek mine. Placer. 300 days; 5 employes. Water.
Red Cap Mine. Placer. 180 days; 4 employes. Also mine at Weitchpec.
Gold—A. Markenson, Croton Bar. Placer. Hydraulic.
Gold—E. Markeson.
Gold—L. Nelson.
Gold—Orleans Bar Mining Co. Wilder mine. Placer. Hydraulic.
Gold—J. A. Pearch.
Gold—Jonas Salstrom.
Gold—Savorum Mining Co. (F. P. Wilder, prop.) Cap., $10,000. Savorum mine. Placer. 300 days; 12 employes. Water.

OROFINO, Siskiyou Co. Pop. 200. Ry. Yreka, 965a.
Gold—E. Allen.
Gold—Carson & Cradle.
Gold—Demming & Gardner.
Gold—Eastlick Bros.
Gold—Eastlick & Lewis.
Gold—A. Erno.
Gold-S.—J. Leins. Gold and silver.
Gold—R. S. Lindsey.
Gold—J. Pitts.
Gold—Sargent Bros.
Gold—D. Starr.
Gold—Wright & Co.
Gold—Wright & Fletcher. Cap. $30,000. Placer. 10 employes. Water. H. D. Wright, supt. and buyer.

ORO GRANDE, San Bernardino Co. Tel. Ry. 839.
Gold—J. Driscoll.
Gold—Joseph Griskell.

OROVILLE, Butte Co. Pop. 2,000. M.O. Tel. Ry. 841.
Gold—A. Eckman.
Gold—Golden Gate of California Mining Co.
Gold—J. Jacobs.
Gold—F. McLaughlin.
Gold—Magalia Consolidated Mining Co.
Gold—C. Nickerson.
C.E.—Thos. W. Reese, civil engineer. Specialty: Gravel mining.
Gold—N. J. Rideout.
Gold—Rock River Mining Co.

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PALOALTO, Santa Clara Co. M.O. Tel. Ry. 841.
Stone—J. F. Parkinson. Sandstone.

PANAMINT, Inyo Co. P.O. Darwin. Ry. Mojave.
Gold—H. G. Chickering.
Gold—Jno. Curran.
S.Cop.—Death Valley Mining Co., South Riverside. Anaconda mine. Shaft, 50 ft. Tunnel, 150 ft. Silver and copper. Five other claims. R. W. Beckerton, mine supt. (Idle.)
Gold—Peter Gallagher.
Gold—Fred'k Russell.
Silver—Surprise Mining & Milling Co., 262 10th ave., New York. Thirteen patented claims. Ten-stamp mill. James J. Wall, mine supt. (Idle.)

PASADENA, Los Angeles Co. Pop. 4,882. M.O. Tel. Rys. 477 and 839.
Gold—Alvord Mining Co.
Stone—L. W. Blinn Lumber Co. Sandstone.
Gold—Thos. Grimes & Co.
Lime—Kerchoff, Cuznee Mining & Lumber Co.
Gold—Loris Gold Mining Co.
Cop.—W. N. Masters.
Gold—Phelps, Judson & Co.

PASKENTA, Tehama Co. Pop. 122. Ry. Corning, 841. Banking town Red Bluff.
Iron—J. R. Whitlock.

PENNGROVE, Sonoma Co. Ry. 794.
Stone—E. W. Davis.
Stone—Wilkinson & Kellos. Basalt quarry.

PENRYN, Placer Co. Pop. 219. M.O. Tel. Ry. 841. Banking town Auburn.
Stone—Gatt & Gatt.
Gran.—D. Griffith. Granite.
Gran.—Robert Bros. Granite.
Gran.—G. Schwalenberg. Granite.

PERKINS, Sacramento Co. Pop. 215. M.O. Ry. 841.
Gold—J. E. Manlove.

PERRIS, Riverside Co. Pop. 313. M.O. Tel. Ry. 839.
Gold—Gabolan Mining Co.
Gold—Good Hope Consolidated Gold Mining Co.
Gold—J. M. Hasson.
Gold—Hearia Bros.
Gold—Northern Belle Gold Mining Co.
Gold—Jerry Shea.
Gold—H. C. Steel.

PETALUMA, Sonoma Co. Pop. 3,692. M.O. Tel. Ry. 794.
Marb.—Evans Bros.
Stone—John Lynch. Basalt; 100,000 paving blocks; 4 employes.

PICACHO, San Diego Co. Ry. Yuma, Arizona, 841.
Gold—Gold Carter Mining Co.
Gold—Gold Queen Mining Co.
Gold—Dr. De Witt C. Jayne, Florida, Cal. Mar's mine. Shafts, 236 ft. Incline, 500 ft. 15-stamp mill, 50 tons daily capacity.
Venus Mine. Shafts, 40, 60 and 90 ft. Incline, 300 ft. San George and Goshen Mines. San George incline, 110 ft. Goshen, 140 ft. 2 drifts, 30 and 40 ft. D. K. Allen, M. E., mine supt. and buyer.

PIKE, Sierra Co. Pop. 210. Ry. Nevada City, 578.
Gold—Alaskan Mining Co.

PINEGROVE, Amador Co. Pop. 164. Ry. Ione, 841.
Gold—Reed & Askey.
Gold-S.—Reward Gold Mining Co., 56 Nevada blk., San Francisco. Reward mine. Shafts, 400 ft. Tunnels, 600 ft. Free ore. 5,000 tons; 300 days; 15 employes. Concentrator. Five-stamp mill, 4 tons daily capacity. Water. W. C. Smith, mine supt.
Gold—J. T. Wheeler.

PLACERVILLE, Eldorado Co. Pop. 1,690. M.O. Tel. Ry. 841.
Gold—American River Syndicate.
Gold—Barnes Mining Co. Barnes mine. Shaft. Free and refractory ore. Steam.
Slate—E. Bind.
Gold—Bobby Burns Mining Co. Bobby Burns mine. Shaft. Free ore. Water. Stamp mill.
Gold—J H. Bradley.
Gold—J. M. Brown.
Gold—Cedar Springs Gold Grove Mining Co.
Gold—Consolidated True Gold Mining Co.
Gold—J. J. Crawford.
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PLACERVILLE—Continued.
Gold—Delmoncia Mining Co.
Gold—J. Dench.
Gold—Dench & Keyser.
Slate—El Dorado Big Tunnel & Mining Co. El Dorado quarry. Open pit and tunnel. Water.
Gold—Eldorado Water & Deep Gravel Mining Co. Several claims. Hydraulic.
Gold—J. J. Elliott.
Gold—Epley Gold Quartz Co.
Gold—Gentle Annie Gold Quartz Co.
Gold—Gold Victory Mining Co.
Gold—Gopher Boulder Quartz Co.
Gold—Grand Victory Gold Mining Co. (Not incorporated.) H. E. Picket, mgr. and buyer. Grand Victory mine. Tunnel and shaft, 100 ft. Water. Concentrator and stamp mill. T. J. Houghton, mine supt. Mine 7 miles from Placerville.
Gold—D. H. Jackson. Salisbury mine. Shaft and open cut. Free ore. Water.
Gold—Linden Gold Mining Co.
Gold—Lyons Gold Gravel Mining Co.
Gold—C. N. Meyers.
Gold—M. Miller.
Gold—Myerson & Alderson.
Gold—Pacific Gold Quartz Co.
Gold-S.—Pacific Mining Co. Gold and silver.
Gold—Park Canal & Mining Co.
Gold—G. B. Parlo.
Gold—Parlo Gold Quartz Co.
Gold—Perry & Thompson.
Gold-S.—Polk & Parker Bros. Cap. $30,000. Mines at Amo Ranch, Cal.
Gold—Richard & Gregory. Oak Ranch mine. Shaft and drifts. Steam. 10-stamp mill.
Gold—Ringold Gold Quartz Co.
Gold—W. P. Stanley. Toll House mine. Shaft and drifts. Water. Stamp mill.
Slate—Strahle Slate Quarry. (Thos. Alderson, owner.) Quarry at Kelsey.
Gold—Texas Hill Drift Mining Co.
Gold—Toll House Mining Co. Hook and Ladder mine. Shaft and drifts. Free ore. Water. Stamp mill.
Gold—Two Channel Gold Mining Co. (not incorporated). Mine at Georgetown.
Gold—Unity Mining Co. (N. L. Kohn, G. W. Kimble, J. S. La Rue, Geo. A. Richardson, Placerville, and B. D. Pike, San Francisco), owners. N. L. Kohn, treas.; G. W. Kimble, gen. mgr. Cap., $3,000. Mine at Smith's Flat.

PLYMOUTH, Amador Co. Pop. 768. M.O. Tel. Ry. Latrobe, 841. Banking town Sacramento.
Gold—Allison Mining Co.
Marb.—Amador Marble Co., Oakland. Amador quarry. Dan McAdams, quarry supt. Works at Oakland.
Gold—Bay State Mining Co.
M.E.—Frederic Chisolm, mining engineer.
Gold—Extension Gold Mining Co., 61 Broadway, New York. Giant mine. Free milling ore. 5 employes. Stamp mill. Concentrator, 700 tons an. cap. (Developing.)
Gold—John Graham, Forest Home, Cal. Alpine, Price, Gray and Grainger and Scoble quartz claims. Shafts, 600, 80, 57 and 80 respectively. (Developing.)
Gold—Lucille Gold Mining Co.
Gold—Osceola Consolidated Mining Co., San Francisco. Osceola mine. Shaft, 27 ft. Tunnel, 245 ft. Water. (Developing.)
Gold—Reaves Gold Mining Co.
Gold-S.—Red Cloud Mining Co. Gold and silver.
Gold—Jacob Wray, San Francisco. Osceola North Extension mine. Tunnel, 20 ft. (Developing.)

POLLASKY, Fresno Co. Tel. Ry. 841.
Gold—S. E. Canady & Bro.
Gold—A. J. Cassidy.
Gold—W. R. Hampton.
Gold—J. A. Harris.
Gold—Harris & Reed.
Gold—B. T. M. Lewis.
Gold—L. H. Miller. Placer mine.
Gold—Ohio Gold Mining Co. Ohio Gold mine. River bed placer. Sluices. 90 days; 26 employes. Water.
Gold—W. Reed. Placer mine.

POMONA, Los Angeles Co. Pop. 3,634. M.O. Tel. Ry. 841.
Gold—Banner Mining Co.
Lime—L. Fleming.
Gold—Gold King Mining Co.
Gold—Virginia Mining Co.

POPE VALLEY, Napa Co. Pop. 266. Ry. and banking town St. Helena, 841.
Iron—Jno. and Lewis Barnett.
Copper—W. A. Barnett.
Iron—J. J. Walters.

PORT WINE, Sierra Co. Pop. 85. Ry. Oroville, 841. Banking town Forest City.
Gold—G. W. Miller.
Gold—D. Moore.
Gold—Pioneer Drift Mining Co.
Gold—W. Prosser.
Gold—Rocky Peak Mining Co., Camptonville. Wahoo and West Point mines. Tunnel. Gravel mine.
Gold—Wahoo & West Point Mining Co. See Rocky Peak Mining Co.

PRATTVILLE, Plumas Co. Pop. 239. Ry. Oroville, 841. Banking town Chico.
Gold—Fred Scott. Mine at Butte Valley.
Gold—Wildcat Drift Gold Mining Co.

PRIEST VALLEY, Monterey Co. Ry. Alcalde, 841.
B.Coal—Jno. Clayton.

QUARTZ MOUNTAIN, Tuolumne Co. P.O. Jamestown.
Gold—Dutch Mining & Milling Co., 511 California st., San Francisco. Dutch mine. Shaft, 300 ft. Free ore. Steam. 10-stamp mill, capacity 1 ton per hour. A. Trittenbach, M. E., mine supt.

QUINCY, Plumas Co. Pop. 500. Ry. Beckwith, 830a. Banking town Oroville.
Gold—Aggazie & Shaw. J. E. Mills, gen. mgr. and buyer. Shaft, 100 ft., and tunnel.
Gold—T. Beach, E. S. Dowd & W. W. Kellogg. Elizabethtown Channel mine. Shaft. 25 employes.
Gold—R. L. Bell.
Stone—Bennett & Bell.
Gold—J. S. Brainsford.
Gold—G. G. Clough & Co. Mountain Queen mine. Shaft and tunnel. Free ore. Arastre. Water.
Gold—Geo. Compton & Co. King Solomon mine. Shaft and tunnel. Free ore.
Gold—W. S. Dean. Genesee mine. Placer. Hydraulic.
Stone—H. G. Dorsch.
Gold—W. J. Edwards & Co. Tunnel.
Gold—Edwards & Lee.
Gold—G. Ellis.
Gold—Golden Gate Mining Co. Golden Gate mine. Tunnel. Shaft and open cut. Free ore. Steam. Stamp mill.
Gold—Goodwin & Kelley. Hungarian mine. Placer. Hydraulic.
Gold—C. D. Hazzard. Plumas Imperial mine. 10 employes.
Gold—John Higgins, Michigan Hill mine. Hydraulic.
Gold—C. D. Kellogg & Co. Butterfly mine. Shaft. Free ore. Steam.
Gold—Jos. Kelly & Co. Hungarian Hill mine. Hydraulic. Jos. Kelly, supt.
Atty.—W. W. Kellogg, attorney-at-law. Mine and ore expert. Secy. Plumas County Miners' Association.
Gold—W. W. Kellogg. Elizabethtown Channel mine. Shaft, 100 ft.
Gold—A. E. Leavitt. Newtown mine. Shafts and tunnel. Gravel.
Stone—J. Miller.
Stone—Henry Orr.
Gold—H. W. Orr & Co. Bushman mine. Tunnel. Free ore. H. W. Orr, mine supt.
Gold-S.—E. C. Robinson. Merrimac, Morning Star and Trenton mines. Shaft and tunnels. Free and refractory ore. 1,000 tons; 180 days; 8 employes. Concentrator. Twenty-stamp mill, 32 tons daily capacity. Steam and water.
Stone—Stephen & Edwards.
Stone—Thomas & Thompson. Basalt rock quarry.
Gold—Frank Vere. Vere's mine. Placer. Hydraulic.
Stone—Basalt rock quarry.
Stone—J. H. Whitlock.

RAILROAD FLAT, Calaveras Co. Pop. 77. Ry. Valley Springs, 841. Banking town Stockton.
Gold—C. H. Beab.
Gold—D. Conradie.
Gold—Geo. P. Freedman.
Gold—H. S. Ellsworth. Keystone mine. Shaft. Free ore. Stamp mill.
Gold—L. Pogue.
Gold—Henry Timm. Varuna mine. Shaft.

RANLETT, Amador Co. Ry. Ione, 841.
G.S.C.—Newton Copper Co. H. D. Ranlett, pres., gen. mgr. and buyer; W. R. Morton, secy.; Bank of California, treas. Cap. stk. $40,000. Gold, silver and copper. Mine at Ione.

RAVENNA, Los Angeles Co. P.O. Acton. Pop. 59. Tel. Ry. 841. Banking town Los Angeles.
Gold—H. Hansen.
Gold-S.—A. D. Hawley. Gold and silver.
Gold—Janes & Hall.

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RAVENNA—Continued.
Gold—E. C. Miller.
Gold—Thos. O. Reilley.

RAYMOND, Madera Co. Pop. 114. M.O. Tel. Ry. 841.
Gold—Cook Bros. Open pit. Horse.
Gran.—F. E. Knowles. Granite.
Gran.—A. McLennan, 1616 Jackson st., San Francisco. 144,000 cubic ft.; 300 days; 50 employes. Steam.
Gran.—Raymond Granite Co. Mann's granite quarry.
Gold—H. S. Williams.

REDBLUFF, Tehama Co. Pop. 2,600. M.O. Tel. Ry. 841.
Gold—Cleveland Consolidated Mining Co. Mine at Weaverville, Cal.
Marble—D. E. Masterson.
Min.Pt.—Tehama Consolidated Chrome Co.

REDDING, Shasta Co. Pop. 1,821. M.O. Tel. Ry. 841.
Gold—Isaac Atwood. Lloyd mine. Shaft. Free ore. Water.
Gold—Balaklava Mining Co.
Gold—Judge Aaron Bell.
Gold—Calumet Mill & Gold Mining Co.
Gold—Central Mining Co.
Gold—Christensen & Foster. Black Jack mine. Tunnel. Free ore. Water. Stamp mill.
Gold—Reuben Clark. Monticello Quartz Hill mine No. 2. Shaft 60 ft. Refractory ore. Ten-stamp mill, 15 tons daily capacity. Steam.
Gold—J. Connaut.
Gold—Barney Conroy.
Gold—Eureka Tellurium Gold Mining Co. W. D. Swezey, pres.; Geo. C. Jones, v. pres.; J. Scott Ludlum, secy., treas and buyer; A. F. Murdoff, supt. Cap. stk., $1,250,000; $150,000 pd. up. Mine at Middle Creek, Cal.
Gold—French Gulch Gold Mining Co., 40 and 41 Nevada blk., San Francisco, Cal. American and Gold Hill mines. Free gold. 250 days; 10 employes. Steam. John W. Conant, mine supt.
M.E.Atty.—Hon. J. M. Gleaves, mining engineer, attorney-at-law and U. S. deputy mineral surveyor. Licensed surveyor of California.
Gold—Fred Grabfrend.
Gold—Hart Brothers.
Gold—R. G. Hart, Jr.
Gold—R. G. Hart, Sr.
Gold-S.—W. C. Hart & Co. Gold and silver. Bismarck Consolidated mine. Tunnels. Free ore. Water. Stamp mill.
Gold—W. Herron.
Gold—Iron Mountain Mining Co.
Gold-S.—Jones & Christensen. Jim Fisk mine. Shaft, 35 ft. Tunnel, 40 ft. Refractory ore. Roller mill, 6 tons daily capacity. Steam.
Peerless Mine. Gold and silver. Shaft, 54 ft. Tunnel, 300 ft. Refractory ore. Steam.
Gold—C. K. McElwer.
Gold—W. P. Miller.
Gold—Mountain Mining Co.
Gold—Original Quartz Hill Gold Mining Co.
Gold—A. L. Parsons.
Gold—A. B. Paul.
Gold—Sacramento River & Gold Mining & Milling Co.
Gold—J. B. Timmons.
Gold—J. R. & M. H. Walker.

RED HILL, Trinity Co. P.O. Junction City.
Gold—M. Gardner.

REDLANDS, San Bernardino Co. Pop. 1,904. M.O. Tel. Rys. 839 and 841.
Gold—M. F. Clute.
Lime—E. E. Katz.
Gold—McIntyre, Clute & Co.

REEDLEY, Fresno Co. M.O. Tel. Ry. 841. Banking town Fresno.
Gold—T. L. Reed.

RICHGULCH, Calaveras Co. Ry. Valley Springs, 841.
Gold—Anglo-Saxon Gold Mining Co.
Gold—Banner Gold Mining Co.
Gold—Eureka Gold Mining Co.
Gold—Home Rule Gold Mining Co.
Gold—Ilex Gold Mining Co., Ltd.

RIVERSIDE, Riverside Co. Pop. 4,663. M.O. Tel. Ry. 839.
Gran.—Arlington Granite Works.
Gran.—G. W. Clark. Casa Blanca granite quarry.
Lime—Cox & Curtis.
Gran.—Evans & Middleton. Arlington granite quarry. Mill.
Gold—Galvilan Mining & Milling Co.
Gold—Morongo Mining & Milling Co., 908 Main st. A. J. Twogood, pres. and buyer; M. B. Ogden, v. pres.; D. C. Twogood, secy.; W. S. Sweatt, treas. Cap. stk., $1,000,000; $100,000 pd. up. Mine 45 miles east of Victor. Shipping station Victor.

RIVERSIDE—Continued.
Gold—Piramide Mining Co.
Silver—Riverside Silver Devel. Co.
Marble—Stone Bros.
Gold—29 Palms Mining & Milling Co.
Gold—D. A. Wheeler.

ROBINSONS, Calaveras Co. Ry. Milton, 841.
Gold—Adelaide Quartz Gold Mining Co.
Gold—Calaveras Consolidated Mine.
Gold—Harry Woods.

ROCKLAND, Del Norte Co. P.O. Smith River. Ry. Crescent City, 645.
Lime—Rockland Lime & Lumber Co., 210 California st., San Francisco. 500 bbls. daily capacity. (Idle.)

ROCKLIN, Placer Co. Pop. 1,056. M.O. Tel. Ry. 841. Banking town Auburn.
Gold—Dr. O. L. Barton.
Gran.—R. H. Copp. Copp's quarry. Granite 6,000 cords; 290 days; 18 employes. Steam.
Gran.—Degan & Brady. Granite quarry. Steam. Mill.
Gran.—J. Delano.
Gran.—A. M. Grinnell.
Gran.—S. Kent.
Gran.—Sam'l Kenter & Co.
Gran.—Matt Lahly & Co.
Gran.—Quinn Bros., 1113 13th ave. S., San Francisco. Quinn quarry. 30,000 cubic ft.; 250 days; 10 employes. Steam. Wm. Quinn, quarry supt.
Gran.—O. Taylor & Co.

ROCKY POINT, Sierra Co. Ry. Truckee, 841.
Gold—Hopegood & Block.
Gold—McNair & Holt.

ROUGH AND READY, Nevada Co. Ry. and banking town Grass Valley. 578.
Gold—C. J. Kent.
Gold-S.—Monarch Consolidated Gold Mining Co., 1250 Broadway, Oakland. Monarch mine. Shaft, 47 ft. Refractory ore.

RUTHERFORD, Napa Co. Pop. 308. M.O. Tel. Ry. 841.
Qsr.—F. W. Keeny.

SACRAMENTO, Sacramento Co. Pop. 27,000. M.O. Tel. Ry. 841.
Gold-S.—Booth & Co.
Gold—Benj. N. Bugbey.
Marble—Carlaw Bros. Quarry at Loomis.
Marble—J. H. Devine.
Gold—M. E. Gates.
Gold—A. J. Johnston.
Lime—Bartley Krenzberger.
Marble—Luce & Glover.
Gold—Dr. R. A. McLane.
Gold—Marlow Mining & Development Co. John Graham, gen. mgr. Cap. $300,000. Mine at Sonora, Cal.
Gold—Middle Creek Mining & Milling Co.
Gold—W. Milligate.
Roll.M.—Southern Pacific Co.

ST. HELENA, Napa Co. Pop. 1,700. M.O. Tel. Ry. 841.
Silicate—W. H. Whitton.

SALINAS, Monterey Co. Pop. 2,340. M.O. Tel. Ry. 841.
Marble—Frank Ward.

SAN ANDREAS, Calaveras Co. Pop. 464. M.O. Tel. Ry. Valley Springs, 841. Banking town Stockton.
Gold—Herman Bode.
Stone—M. Hertiz.
Gold—W. Holland.
Gold—Jno. Rathgel. Cordova mine. Shaft. Free ore. Steam. Stamp mill.
Attys.—Reed & McSorley, attorneys-at-law. Mining lawyers.
Gold—N. Seiffort.
Gold—Benjamin K. Thorn. Illinois mine. Shaft. Free ore. Horse.
Gold—J. S. White.
Gold—Jas. Woods.

SAN BERNARDINO, San Bernardino Co. Pop. 4,012. M.O. Tel. Rys. 839 and 841.
Gold—Altoma Mining Co.
Gold-S.—Bear Valley Mining Co. Cordova and other claims. Gold, silver and lead. Shaft and tunnels. Refractory ore.
Copper—T. H. Boyd.
Gold—J. A. Campbell.
Gold—T. B. Lyon.
Gold—Morongo King Mining Co.
Mb.Gr.—San Bernardino Marble & Granite Co.

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SAN DIEGO, San Diego Co. Pop. 16,160. M.O. Tel. Ry. 223a; 574; 790; 791 and 839.
Marble—Antique Marble Co.
Gold—L. N. Bailey, 1628 7th st. Mine at Banner.
Gold—E. E. Bowles.
B.Coal—City Lands Coal & Oil Co., 519 E st. M. A. Ferrer, pres.; F. H. Dixon, secy.; Nevada Bank of San Francisco, treas.; Wm. H. Carlson, mgr. Cap. stk., $100,000. City lands mine. Shaft. Wm. H. Carlson, mine supt.
Gran.—Clark-Rockfellow Granite Co., 544 6th st. E. F. Rockfellow, pres.; C. E. Clark, secy. Cap. stk., $10,000. Quarry at Foster.
Assy.—E. H. Fosdick. Assayer and metallurgist.
Marble—W. R. Frick.
Marble—Gem Marble Co., 862 7th st. John G. Capron, pres.; H. W. Vincent, v. pres.; Geo. K. Phillips, secy. and treas.; E. L. Matot, gen. mgr. and buyer. Cap. stk., $600,000. Quarry site at Victor.
Gold—Neely & Co.
Gold—Owens Consolidated Mining Co.
Gold—Picacho Gold Mines.
Gran.—San Diego Granite Co.
Gold—San Diego Improvement Co.
Roll.M.—San Diego Iron & Steel Co.
Gold—Shenandoah Mining & Milling Co. M. A. Luce, pres.; N. H. Conklin, secy.; L. S. McLure, gen. mgr. Cap. stk., $100,000 pd. up. Shenandoah mine. Shaft, 215 ft. Free ore. 25 employes. Steam. Concentrator. 5-stamp mill, 12 tons daily capacity. L. S. McLure, mine supt.
Marble—Verde Antique Mill & Marble Co., 862 7th st. (Not incorporated.) Geo. K. Phillips, secy.; F. A. Kimball, gen. mgr. and buyer. Cap., $20,000. Quarry at Victor.
Lime—J. B. Westgate.
Lime—Wyman, Gruendyke & Co.

SAN FRANCISCO, San Francisco Co. Pop. 300,000. M.O. Tel. Rys. 107, 794 and 841.
Copper—Adelaide Copper Co., 426 Sansome st.
C.Coal—Alaska Coal Co., 216 Sacramento st. W. H. Eastland, pres.; J. A. Bradley, v. pres.; S. M. Eastland, secy.; California Safe Deposit & Trust Co., treas. Cap. stk., $2,000,000. Mine at Coal Bay, Alaska.
Gold—Alaska-Treadwell Gold Mining Co., Mills bldg. Hon. Wm. Alvord, pres.; Col. J. D. Fry, v. pres.; A. T. Corbus, secy., treas. and buyer. Cap. stk., $5,000,000 pd. up. Mine at Douglas Island, Alaska.
Gold—Albany Gold Mining Co., 330 Pine st.
Gold—Alhambra Mining Co. Mine at Silver City, Nev.
Gold—Alma Gold Mining Co., 9 Mission st.
Gold—Alpha Consolidated Mining & Milling Co., 72 Nevada blk.
Silver—Alta Silver Mining Co., 33 Nevada blk.
Gold-S.—Amalie Mining Co., R. 39 Mills bldg. Gold and silver.
Gold—American & Gold Hill Mines, 40 and 41 Nevada blk. Mines at French Gulch.
Coal—Anchor Coal & Development Co., 19 Montgomery st.
Gold—Thos. Anderson, 50 Nevada blk.
Gold—S. M. Andes Co., 22 Nevada blk.
Gold—G. Androde, 214 California st.
Gold—Angels Quartz Mining Co., Mills bldg.
Gold—Anglo-Mexican Mining Co., 221 Sansome st.
Gold—Anita Gold Mining Co., 404 Montgomery st. Mine at Jackson.
Gold—Apollo Consolidated Mining Co., 310 Sansome st.
Gold-S.—Arnold Gold & Silver Mining Co., 320 Sansome st.
Gold—Wm. Arrington, 405 Montgomery st.
M.E.—J. Murray Bailey, mining engineer and expert. Examining and reporting on mines. 18 Post st.
Gold—Baker Divide Mining Co., 330 Pine st.
Gold—Baker Hill Mining Co., 523 Kearney st.
Gold-S.—Bald Eagle Mining Co. —— Coleman, pres.; W. H. Payson, secy.; H. R. Mann, treas.; N. S. Trowbridge, gen. mgr. Cap. stk., $100,000. Mine at Sumdum, Alaska.
Gold—E. J. Baldwin, Baldwin Hotel.
Attny.—A. Everett Ball, attorney-at-law. Mining and civil law. Rooms 39 and 40, Merchants' Exchange bldg.
Silver—Baltimore Silver Mining Co., 216 Bush st.
Gold—Bank of California, cor. California and Sansome sts. Wm. Alvord, pres.; Allen M. Clay, secy.; Thos. Drown, cashier.
Gold—Banner Gold Mining & Milling Co., 2005 Fillmore st.
Gold-S.—W. N. Bar Due, 124 9th st. Mine at Jackson.
Stone—Jno. Barrett, 1155 Stevenson st.
Silver—Belcher Silver Mining Co., 309 Montgomery st.
Gold—Belle Isle Mining Co., 310 Pine st.
Silver—Belmont Silver Mining Co., 330 Pine st.
B.Coal—Benton Coal Co., 538 Sacramento st.
Gold—Geo. Berliner, Mills bldg.
Silver—Best & Belcher Mining Co., 33 Nevada blk.
Gold—Bibee, Williams & Co., 122 Davis st.
Gold—Big Canyon Gold Mining & Milling Co., 3 Hobart bldg.
Gold—Big Sand Mining & Milling Co., 27 Mills bldg.

SAN FRANCISCO—Continued.

Gold-S.—Bismarck Mining Co., 309 Montgomery st. Geo. H. Waggoner, pres.; W. H. H. Hart, v. pres.; A. K. Durbrow, secy.; A. E. Davis, treas. Cap. stk., $10,000,000. Claim at Candelaria, Nev.
B.Coal—Black Diamond Coal Mining Co., 450 Main st.
Gold—Black Hawk Gravel Mining Co., 1010 Washington st.
Gold—Black Slate Gold Mining Co., 402 Front st. M. B. Kerr, M. E., pres., gen. mgr. and buyer; J. A. Wright, secy. and treas. Cap. stk., $15,000 pd. up. Mine at Mokelumne Hill.
Gold—Henry G. Blasdel, 419 California st.
Gold—Blazing Star Mining Co., 628 Sacramento st. Mine at West Point.
Gold-S.—Boa Mining & Milling Co., 216 Post st. John Farnham, pres.; Wm. H. Lillie, v. pres. and treas.; R. H. Daley, secy. Cap. stk., $1,000,000. Claim at Smartsville.
Gold—Bodie Consolidated Gold Mining Co., 62 Nevada blk.
Gold—G. Booth Mining Co., 310 Pine st.
Gold-S.—Boulder Mining Co. Mine at Ophir.
Gold—Louis Bowles, 405 Montgomery st.
Gold—Boyle Mining Co., 40-41 Nevada blk. G. W. Osborn, Sr., pres.; G. W. Osborn, Jr., secy.; Alfred Gonzalez, treas.; John F. Boyle, gen. mgr. Cap. stk., $100,000. Mine at Yreka.
Gold—Dr. Thos. Boysen, Palace Hotel.
Gold—Jno. L. Bradbury, 42 Mills bldg.
Gold—Breyfogle Mining & Milling Co., 310 Pine st.
Gold—Bristol Mining Co., 330 Pine st.
Gran.—W. S. Brown, 1629 Mission st.
Gold—Wm. W. Brown, 328 Montgomery st.
Stone—Jas. S. Brownell, 132 Market st.
Gold—Brunswick Consolidated Gold Mining Co., 66 Nevada blk.
Gold—Bullion Consolidated Mining Co., Mills bldg.
Gold—Bulwer Consolidated Mining Co., 33 Nevada blk.
S.Lead—Bunker Hill & Sullivan Mining & Concentrating Co., Crocker bldg. N. H. Harris, pres.; Fred V. Holman, v. pres.; Geo. F. Holman, secy.; Wm. H. Crocker, treas.; F. W. Bradley, gen. mgr.; C. W. Simmons, buyer. Cap. stk., $3,000,000 pd. up. Silver and lead. Mine at Kellogg, Idaho.
Gold—Daniel M. Burns, 134 Crocker bldg.
Gold—Butte Queen Mining Co., 721 Market st.
Silver—Caledonia Silver Mining Co., 414 California st.
Gold—California Gold Quartz Mining & Milling Co., 109 California st.
Iron—California Iron and Steel Co., 428 California st.
Asph.—California Petroleum & Asphalt Co., 308 Market st.
Gold—California Ramil Co., 321 Market st.
Slate—California Slate Co., 9 Mission st.
Cemt.—Callustro Co., 621 Market st. Mrs. C. F. Hamilton, pres.; Mrs. N. C. Whitney, v. pres.; Miss M. L. Morgan, secy. and treas.; Chas. H. Lombard, gen. mgr. and buyer. Cap. stk., $100,000; $40,000 pd. up. Quarry at Calistoga.
M.E.—M. F. Campbell, mining engineer, 222 Sansome st.
Gold—R. H. Campbell, 330 Pine st.
Gold—Candelaria Consolidated Mexican Mining Co., 134 Crocker bldg.
Marb.—Carrara Marble Quarry, 506 Battery.
B.Coal—Carbon Hill Coal Co., 58 Union Trust bldg.
Gold—Carson Creek Mining Co., 309 Montgomery st. A. D. Remington, pres.; James G. Scott, v. pres.; A. K. Durbrow, secy., treas. and buyer; M. D. Howell, supt. Cap. stk., $1,000,000. Mine at Angels Camp.
Gold—Cataract & Wide West Gravel Mining Co., 916 Market st. Wm. B. Lake, secy., treas. and gen. mgr. Cap. stk., $1,000,000. Mines at Murphy, Cal. (Developing.)
Gold—Cedar Creek Mining Co., 306 Market st.
Gold—Celestine Mining Co., S. W. Levy, prop., 212 Sansome st. Cap. $70,000. Mines at French Gulch.
Gold—J. B. Champion, 520 Kearney st.
Gold—Wm. C. Chapin, 314 Montgomery st.
Gold—W. S. Chapman, 306 Pine st.
Gold—Chemical Gold Mining & Reduction Co., 330 Pine st.
M.E.—Samuel W. Cheyney, mining engineer, 120 Sutter st. Supt. of Jamison mine, Johnsville, and consulting engineer for other properties.
Gold—Chollar Mining Co., 79 Nevada blk.
Gold—Christy Mining & Milling Co., 310 Pine st.
Gold—Thos. R. Church, 4 Nevada blk.
Gold-S.—Cia Progreso, 426 California st. J. W. Maxwell, pres.; Geo. Staacke, secy. Cap. stk., $2,000,000.. Mines at Triunfo, Lower California, Mex.
Silver—Cibola Creek Mill & Mining Co., 33 Nevada blk. John F. Boya, pres.; Chas. H. Fish, v. pres.; L. Osborn, secy.; Nevada Bank of San Francisco, treas. Cap. stk., $100,000 pd. up. Mine at Shafter, Tex.
Stone—City Street Improvement Co., Mills bldg. Jno. W. McDonald, pres. and gen. mgr.; H. Dutard, v. pres.; W. E. Dennison, secy. and buyer; C. B. Stone, treas. Cap. stk., $100,000 pd. up. Sandstone. Quarry at Eureka, Cal.
Gran.—Clark & Lloyd, Harrison and 13th sts.
B.Coal—Coal Harbor Coal Mining Co., 401 California st. Irwin C. Stump, pres.; C. W. McAfee, v. pres.; J. R. Howell, secy.; A. S. Baldwin, treas.; John C. Green,

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SAN FRANCISCO—Continued.

gen. mgr. Cap. stk., $2,000,000. Mine at Unga, Unga Island, Alaska.
Gold—Jas. Coey, 402 Montgomery st.
Gold—Thos. Cole, 331 Pine st.
Gold—James V. Coleman, 31-32 Mills bldg.
Gold—Columbia Channel Gold Mining Co., Palace Hotel.
Mar.—Columbia Marble Co., 347 Brannen st.
Gold—Commonwealth Consolidated Mining Co., 331 Pine st.
B.Rock—Consolidated Bituminous Rock Co., 106-108 Phelan bldg. A. C. Bassett, pres.; J. H. Swift, v. pres.; F. C. Lewis, secy. Mine at Santa Cruz.
Gold-S.—Consolidated California & Virginia Mining Co., 309 Montgomery st. Chas. H. Fish, pres.; Geo. R. Wells, v. pres.; A. W. Havens, secy. Cap. stk., $21,600,000. Gold and silver. Mine at Virginia City, Nev.
Gold—Consolidated Eureka Gold Mining Co., 3 Hobart bldg.
Gold—Consolidated Golden Gate & Sulphuret Mining & Developing Co., 320 Sansome st. J. A. Fischer, pres. and gen. mgr.; S. A. Fischer, v. pres.; Jas. H. Cary, secy. and buyer; C. P. Harris, treas. Cap. stk., $6,000,000. Mine and works at Sonora.
Gold-S.—Consolidated Imperial Mining Co., 331 Pine st.
Gold—Consolidated Improvement Mining Co., 35-36 Mills bldg.
Gold—Consolidated New York Mining Co., 79 Nevada blk.
Gold—Consolidated Pacific Mining Co., 330 Pine st.
Gold—Consolidated San Gothard Gold Mining Co., 131 Crocker bldg.
Gold—Consolidated Wyoming Gold Mining Co., 308 Pine st.
Gold—Contention Consolidated Mining Co., 79 Nevada blk.
Gold—Contra Estaca Consolidated Mexican Mining Co.
Gold—Chas. Coover, 640 Clay st.
Gold—Copper Queen Consolidated Mining Co., 123 Davis st.
Gold-S.—Coptis Mining Co., 314 Montgomery st. A. V. Lancaster, M. E., pres.; Thos. Cole, v. pres.; E. M. Hall, secy., treas., gen. mgr. and buyer. Gold and silver. Mine at Tuscarora, Nev.
Gold—Jno. P. Couch, 318 Pine st.
M.E.Met.—J. J. Crawford, mining engineer and metallurgist. State mineralogist. Gold and silver California State Mining Bureau.
Gold—W. H. V. Cronise, 405 Montgomery st.
Gold—Crossbow Gold Mining Co., 62 Nevada blk.
Gold-S.—Crown Point Gold & Silver Mining Co., 320 Sansome st.
Gold—Crown Point Mining Co., 3 Stock Exchange bldg.
As.Chem.—A. Auchie Cunningham, analytical chemist and assayer. Cor. Geary and Powell sts.
Supt.Mint—John Daggett, superintendent United States mint.
Gold—Damascus Mining Co., 40-41 Nevada blk. G. W. Osborn, Sr., pres.; Geo. W. Osborn, Jr., secy.; Ad. Weske, care American Biscuit Co., Broadway and Battery, New York, gen. mgr. Mine at Michigan Bluff, Cal.
Gran.—John Daniel & Co., Central ave., S. Ebor and Busk sts.
Stone—W. Davis.
Gran.—Day Granite Co., 1009 Scott st.
Gold-S.—Walter E. Dean, Nevada blk.
Stone—Patrick Degan, 423 11th st.
B.Coal—Del Monte Coal Co.
Gold—Derbic Blue Gravel Mining Co., 320 Sansome st. Mine at North Bloomfield.
Gold-S.—Diamond Creek California Gold & Silver Mining Co., 217 Sansome st.
Gold-S.—Diana Gold & Silver Mining Co., 331 Pine st.
Gold—Diaz Porferio Mining Co., 661 Market.
Stone—Diggins Bros., 116 Post.
Gold—Dora Gold Mining Co., 415 Montgomery st.
Gold—L. N. Dougherty, 434 California.
Gold—F. S. Douty, 4th and Townsend.
Gold—Du Boleo Campagnie, 14 Sansome st.
Gold—Dudley Mining Co., 56 Nevada blk.
Gold—Durgin Mining Co., 306 California st.
Gold—Dutch Mining & Milling Co., 511 California st. G. Trittenbach, pres.; Thos. M. Carroll, v. pres.; M. Claussenius, secy.; Geo. W. Gerhard, asst. secy.; A. W. Livingston, treas. Cap. stk., $1,500,000. Mine at Quartz Mountain, Tuolumne Co., P.O. Jamestown.
Gold-S.—Jno. O. Earl, 401 California st.
Silver—East Beat & Belcher Silver Mining Co., 324½ Montgomery st.
Gold—East Sierra Nevada Mining Co., 310 Pine st.
B.Coal—East Wellington Coal Co., 507-509 East st. Mines at Wellington, B. C.
Qsr.—Eastern Quicksilver Co., 420 Montgomery st.
Gold—Eclipse Mining Co., 530 California st., room 45. D. Salfield, pres.; R. Finking, v. pres.; Ottotum Suden, secy.; John Mangels, treas.; Theodore E. Flagg, gen. mgr. Cap. stk., $1,000,000 pd. up. Mine at Angels Camp.
Silver—Edison Silver Mining Co., 330 Pine st.
Gold—El Dorado Mining Co., 328 Montgomery st.
Gold—Jno. B. Eldredge, 916 Market st.
Gold—Electric Placer Mining Co., 214 Pine st.
B.Coal—T. Ellsworth.

SAN FRANCISCO—Continued.

Gold-S.—Geo. T. Emery, 59 1st st.
B.Coal—Empire Coal Mine & R.R. (M. W. Belshaw, owner), 402 Front st. Cap. $250,000. Mine at Antioch.
Gold—English Mountain Gold Mining Co., 58 Crocker bldg.
Gold—W. D. English.
Gold—Eureka Consolidated Drift Mining Co., 330 Pine st.
Gold—Eureka Consolidated Mine Co., 134 Market st.
Gold-S.—Exchequer Mining Co., 309 Montgomery st.
Gold—Evening Star Mining Co., 320 Sansome st.
Gold—Jas. G. Fair Est., 230 Montgomery st.
Chem.As.—Louis Falkenau, chemist and assayer, 434 California st.
Gold—John Faubel & Co., 307 Montgomery st. Mine at Stella.
Gold—Jacob A. Fischer, 320 Sansome st.
Gold—Chas. H. Fish, 58 Nevada blk.
Gold—Flat Creek Mining Co., 330 Pine st.
Gold—Simon Foorman, 330 Pine st.
Gold—C. H. Ford, 5 Crocker bldg.
Gold—Martin W. Fox, 324 Pine st.
Gold—Franklin Gravel Co., 310 Pine st.
Gold—Freemont Mining & Milling Co., 330 Pine st.
Gold—French Gulch Gold Mining Co., 40-41 Nevada blk. Geo. W. Osborne, pres.; Geo. W. Osborne, Jr., secy.; John W. Conant, gen. mgr. Mine at Redding, Cal.
Gold—Wm. Fries, 134 Market st.
Gold—Henry L. Garfield, 402 Montgomery st.
Gold—Garner Consolidated Gold Mining Co., 56 Nevada blk.
Gold—Genesee Valley Gold Mining Co., Nevada blk.
Gold-S.—Gaston Ridge Mill & Manufacturing Co., 312 Sacramento st. Gold and silver.
Expls.—Giant Powder Co., Con., 430 California st. E. B. Pond, pres.; J. N. Knowles, v. pres.; A. B. Moneder, secy.; Bank of California, treas.; Julian Sonntag, gen. mgr. Cap. stk., $1,000,000 pd. up. Manufacturers of explosives.
Gold—Geneva Gold Mining Co., 62 Nevada blk.
Gold—Gold Canyon Mining Co., 33 Mills bldg.
Gold—Gold Hill Mining Co., 27 Mills bldg.
Gold—Gold Mountain Mining Co., 325 Montgomery st.
Gold—Gold Ridge Consolidated Mining & Milling Co., 216 Post st. Wm. H. Lillie, pres.; C. M. Jennings, v. pres.; R. H. Daley, secy.; Richard Phelan, gen. mgr. Cap. stk., $100,000. Mine at Sierra City.
Gold-S.—Golden Jacket Gold & Silver Mining Co., room 17, 331 Montgomery st. Mine at Humboldt House, Nev.
Gold—Golden King Mining Co., 208 California st. E. Poltiemus, pres.; J. Piavo, v. pres.; George A. Moore, secy. Cap. stk., $1,000,000. Mine at Alleghany.
Gold—Golita Gold Mining Co., 330 Pine st.
Silver—Gould & Curry Silver Mining Co., 309 Montgomery st. H. B. Havens, pres.; Chas. H. Fish, v. pres.; A. K. Durbrow, secy.; Nevada Bank, treas.; P. Kervin, supt. and buyer. Cap. stk., $10,800,000. Claim at Virginia City, Nev.
Gold—Geo. P. Gow, 23 Stevenson st.
Gold—Grand Prize Co., 331 Pine st.
Gold—Grant Gold Mine, 64 and 65 Chronicle bldg. T. N. Machin, pres.; V. G. Hush, v. pres.; S. R. Thorne, secy. and treas.; J. J. Hughes, supt. Cap. stk., $600,000; $500,000 pd. up. Mine 9 miles from Chinese Camp.
Gold—Grass Valley Hydraulic & Land Co.
Stone—Gray Bros., 316 Montgomery st. Twenty-sixth st. and Douglass quarry. Trap rock. Crushed and building stone. 260 days; 65 employes. Stone crusher, 450 yards daily capacity. Steam.
Green and Sansome sts. quarry. Trap rock. 260 days; 120 employes. Stone crusher, 750 yards daily capacity. Steam. Two sailing vessels. H. Berken, quarry supt.
Gold—Gray Eagle Mining Co., 309 Montgomery st.
Gold—G. D. Gray.
Gold—Great Western Mining & Milling Co., 330 Pine st.
Qsr.—Great Western Quicksilver Mining Co., 530 California st. J. Palache, pres.; Abraham Halsey, v. pres and secy.; Andrew Rocca, buyer. Mine at Middletown.
Gold—Green Mountain & Cherokee Mining Co. Mine at Crescent Mills, Cal.
Gold—Capt. Griffith.
Gold—Guild Gold Mining Co., 205 Crocker bldg.
Gold—Gwin Mine Development Co., 402 Front st. Mine at Mokelumne Hill.
Gold—Haggin & Hearst, 51 Nevada blk.
Silver—Hale & Norcross Silver Mining Co., 25 Nevada blk.
Gold—Hall & Whitely, 314 Montgomery blk.
Gold—Hamilfield Mining Co. Mines at Columbia.
Gold—Happy Valley Blue Gravel Hydraulic Mining Co., 330 Pine.
Gold—K. P. Harmon, 79 Nevada blk.
Gold—N. H. Harris, 224 Crocker bldg.
Gold—Hartford Mining Co., 524 Sacramento st.
Gold—Haskell Gold Mining Co., 40 and 41 Nevada blk. Mine at Auburn, Cal.
Gold—Haven & Haven, attorneys-at-law, Mills bldg.
Gold-S.—H. B. Haven, 69 Nevada blk. Gold and silver.
Gold—Col. A. Hayward, 224 California st.

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SAN FRANCISCO—Continued.

Gold—Hayward, Lane & Co., 224 California st.
Gold—Head Centre & Tranquillity Mining Co., 310 Pine st.
Granite—M. J. Healy, 314 Montgomery st.
Gold—Hector Gold Mining Co., 517 Clay st.
Gold—W. B. Hellings, 330 Pine st.
Gold—Jno. J. Herr, 438 California st.
Gold—Hesperides Mining Co., 3 Flood bldg. F. P. McCray, pres.; R. E. Hyde, M. E., v. pres.; H. C. Donnels, secy.; W. H. Dunphy, treas. Cap. stk., $150,000. Mine at Yreka.
Gold—Hite Gold Mining Co., 306 Pine st. W. S. Chapman, pres.; John E. Mason, secy.; John I. Minear, supt.
Machy.—Holland & Robinson, 170 Crocker bldg. (See National Base Ore Reduction Co.)
Lime—H. T. Holmes Lime Co., 22 Sacramento st.
Silver—Holmes Mining Co., 309 Montgomery st.
Gold—Home Gold Mining Co., 16 Geary st.
Gold—Horsefly Gold Mining Co., 610 Clay st. E. P. Flint, pres.; Chas. Roberts, v. pres.; R. T. Ward, M. E., secy., gen. mgr. and buyer; Bank of British Columbia, treas. Cap. stk., $1,000,000; $100,000 pd. up. Mine at Horsefly River, Cariboo Dist., B. C.
Gold—Horse Shoe Bar Consolidated Mining Co., 330 Pine st.
Gold—Humbolt Mining & Milling Co., 35 New Montgomery.
Stone—F. A. Huntington, 213-219 1st.
Gold—Ideal Placer W. W. & P. Co., 12 Mills bldg., 3rd f.
Gold—Idlewild Gold Mining Co., 79 Nevada blk.
Copper—Imperial Paint & Copper Co.
Gold—Independence Mining Co., 310 Pine st.
Gold—Industrial Mining & Milling Co.
Gold—International Syndicate, 20 Mills bldg., 8th f.
Gold—Iowa Mining Co., 419 California st.
Gold—Irma Mining Co., 94 Crocker bldg.
Gold—Jack Rabbit Milling & Mining Co., 113-116 Crocker bldg. Josef Schuster, pres.; John Diemer, v. pres.; Fred Holing, secy. Mine at Grass Valley.
Gold—Jackson Mining Co., 214 Pine st.
Silver—Julius Jacobs, 204 Sansome st. Mine at Ivanpah, Cal. (Idle.)
Gold—Truma E. Jewell, 330 Pine st.
Gold—Wm. Johns, 320 Sansome st.
Gold—Augustus Johnson, 320 Sansome st.
Gran.—Jones Bros. & Co., cor. Brannan and 2nd sts.
Gold—Martin Jones, 330 Pine st.
Gold—Louis Jouin, 211 Sansome st.
Gold—Russell H. Judson, 320 Sansome st.
Gold—Wm. R. Judson, 320 Sansome st.
Gold—Julia Consolidated Mining Co., 58 Nevada blk.
Gold—Juneau Mining Co., 532 Montgomery st.
Gold—Justice Gold Mining Co., 23 Nevada blk.
Gold—Kate Hays Mining Co., 320 Sansome st.
Gold—Windsor A. Keeper, 14 Grant ave.
Gold—Kennedy Mining & Milling Co., 404 Montgomery st. John Barton, pres.; D. E. Hayes, v. pres.; L. F. Reichling, secy.; J. F. Parks, M. E., gen. mgr. Mine at Jackson.
Gold—Kentuck Consolidated Mining Co., 23 Nevada blk.
Silver—Keys Silver Mining Co., 405 Montgomery st.
Met.M.E.—W. S. Keyes, metallurgist and mining engineer. Vice president California State Mining Bureau.
Silver—Kingman Silver Mining Co., 402 Montgomery st.
Stone—Krogh Manufacturing Co., 57 Beal st.
Gold-S.—Lady Washington Consolidated Mining Co., Nevada blk. Gold and silver.
Gold—La Grange Ditch & Hydraulic Mining Co., 328 Montgomery st.
Gold—La Grange Hydraulic Gold Mining Co., 14 Sansome.
Qsr.—Lake Mining Co., 237 1st st. R. F. Knox, secy., gen. mgr. and buyer. Cap. stk., $600,000; $100,000 pd. up. Quicksilver. Mines at Knoxville.
Gold—Chas. D. Lane, 3 Hobart bldg.
C.M.E.—Henry C. Langrehr, civil engineer, 125 and 127 Phelan bldg. Explorations, examinations, reports, surveys, maps, development and working of mines.
Gold—J. Laskey, 1706 Geary st.
Gold—Chas. M. Leavy, 214 Pine st.
Gold—Leechman Prospecting Co. (John Leechman), 508 California st. Mine at Soulsbyville.
Silver—Lester Mining Co., 204 Sansome st. Mine at Signal, Ariz. (Idle.)
Gold—Dell Linderman, 69 Nevada blk.
Gold—C. A. Lockhardt & Co., 23 Stevenson st.
Stone—Los Gatos Lime Co., 323 Montgomery st. T. L. Meyer, pres.; W. S. Somervell, secy. Cap. stk., $50,000. Limestone. Quarry at Los Gatos.
Gold—Jas. E. Lothrop, 15 Leidexdorff st.
Gyp.—Lucas & Co., 215-217 Main st. (Wm. and John Lucas) props. Golden Gate plaster mill.
Gold—W. S. Lyle, 25 Nevada blk.
Stone—J. W. McDonald, 234 Montgomery st. Basalt rock.
Stone—M. J. McDonald, Mills bldg. Basalt rock.
Granite—A. McLennon, 1616 Jackson st. Quarry at Raymond.
Gold—T. M. Machin, 64 Chronicle bldg.
Gold—Madison Mining Co., 532 Market st.
Gold—Magenta Consolidated Gold Mining Co., 401 California st.

SAN FRANCISCO—Continued.

Gold—Mariposa Mining and Com. Co., 224 California st.
Stone—P. Marsieno, 217 Sacramento.
Gold—Martin White Mining Co., 52 Supreme Court bldg.
Gold—Massachusetts Hill Mining Co., 401 California st.
C.E.—Fred C. Mathyas, civil engineer, care State Mining Bureau, 24 4th st. Specialty, irrigation and mines.
Geol.—J. H. Means, A. B., A. M., 24 4th st. Field assistant to California State Mining Bureau. Economic geology and mineralogy.
M.E.—William A. Merralls, mining engineer, 45 and 47 Fremont st.
Gold—C. W. Merrill, 117 Geary st.
Gold—N. F. Messer, 20-22 Nevada blk.
Mar.Gr.—Metlar Marble & Granite Co., 212 Valencia st.
Gold—Louis Metzger, 35 New Montgomery st.
Gold-S.—Mexican Gold & Silver Mining Co., Nevada blk.
Phos.—Mexican Phosphate & Sulphur Co., 328 Montgomery.
Gold—Midas Gold Mining Co., 328 Montgomery st.
G.S.C.—Mineral Hill Mining & Investment Co. Gold, silver and copper.
G.S.C.—Mineral Hill Mining & Smelting Co. Gold, silver and copper. Mine at Spenceville.
Gold—Mokelumne & Campo Seco Canal & Mining Co., rooms 42-43, 330 Pine st. Simon Foorman, pres.; Isaac S. Foorman, secy. Mine at Mokelumne Hill.
Gold—Monteith Mining Co., 330 Pine st.
Gold—Moore & Morgan Mining Co., 405 Montgomery st.
Gold—Morgan Mining Co., 230 Montgomery st.
Gold—Wm. G. Morrow, 414 California.
Gold-S.—Mount Diablo Mining & Milling Co., 318 Pine st.
Gold—Mountain Tunnel Gravel Mining Co., 219 Sansome st.
Gold-S.—Napyas Mining Co., 314 Montgomery st. A. V. Lancaster, M. E., pres.; Thos. Cole, v. pres.; E. M. Hall, secy., treas., gen. mgr. and buyer. Mine at Tuscarora.
Red.Wks.—National Base Ore Reduction Co., r. 170, Crocker bldg. A. J. Robinson, pres. and gen. mgr.; Thos. S. Mathewson, secy.; Crocker-Woolworth Bank, treas.; H. P. Holland, supt. and buyer. Cap. stk., $2,000,000. Works at Shell Mound, Oakland.
B.Coal—National Iron Works (Marschutz & Cantrell, props). Cor. Main and Howard sts.
Gold-S.—Natoma Water & Mining Co., 508 California st.
Gold—Navajo Mining Co., 310 Pine st.
Gold—J. H. Neff, 331 Pine st.
Gyp.—Nevada Gypsum & Fertilizer Co., 216 Bush st. Wm. Fries, pres.; W. Hanson, secy.
Gold-S.—Nevada Queen Mining Co., 331 Pine st.
Salt-Brx.—Nevada Salt & Borax Co.; 310 Pine st.
Gold-S.—W. A. Nevills, 206 Crocker bldg.
Gold—New Coso. Mining Co., 808 Montgomery st.
Gold—New Eureka Consolidated Gold Mining Co., 302 Montgomery st.
Qsr.—New Idria Mining Co., 426 California st. Quicksilver. Mine at New Idria.
B.Coal—New Vancouver Coal & Land Co., 220 Sansome st. Mines at Nanaimo, B. C.
Gold-S.—Newson Mining Co., 47 Merchants' Exchange.
Gold—North Bell Isle Mining Co., 15-17, 310 Pine st.
Gold-S.—North Bloomfield Gravel Mining Co., 320 Sansome st. Thos. S. Brown, pres.; H. Pichoir, secy., treas., gen. mgr. and buyer. Mine at North Bloomfield.
Silver—North Carson Consolidated Silver Mining Co., 324½ Montgomery st.
Gold-S.—North Commonwealth Mining Co., 310 Pine st.
Gold-S.—North Gould & Curry Gold & Silver Mining Co., 324½ Montgomery.
Gold-S.—North Occidental Gold & Silver Mining Co., 302 Montgomery.
C.Coal—North Pacific Mining & Trans. Co., 216 Sacramento st. Joseph Rosenthal, pres.; Theo. Fox, v. pres.; E. D. Farish, secy. Mine at Coal Bay, Cook's Inlet, Alaska.
Stone—Jno. F. Nutting, cor. Broderick and Ellis sts.
Gold-S.—Oak Consolidated Mining Co., Hobart bldg.
Gold-S.—Occidental Consolidated Mining Co., 309 Montgomery st. Geo. R. Wells, pres.; Nat. T. Messer, v. pres.; A. K. Durbrow, secy.; Nevada Bank, treas.; Jas. H. Kinkead, supt. and buyer. Cap. stk., $10,000,000. Claim at Virginia City, Nev.
Gold—Omaha Consolidated Gold Mining Co., Mills bldg.
G.S.Lead—Omilak Gold & Silver Mining Co., 401 California st. John C. Green, gen. mgr. Cap. stk., $10,000,000. Mine at Omilakville, Alaska.
Gold—Omilak Gold Mining Co.
Gold-S.—Ophir Gold & Silver Mining Co.
Gold-S.—Ophir Silver Mining Co., 309 Montgomery.
B.Coal—Oregon Coal & Navigation Co., cor. Broadway and East sts. Edwin Goodall, pres.; Chas. M. Goodall, v. pres.; Wm. H. Fisher, secy.
Gold—Original Empire Mining & Milling Co., 401 California.
Silver—Original Keystone Mining Co., 330 Pine st.
Gold—Orleans Consolidated Mining Co., 56 Nevada blk.
Min.P.—J. F. Ortman & Co., 305 Front st. Mrs. John Daly, pres.; Mrs. John McDonaugh, secy.; Mrs. T. McDonaugh, treas.; C. Merchant, gen. mgr.; T. S. Merchant, buyer. Cap. stk., $25,000 pd. up. Oxide of iron mine at Healdsburg.

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SAN FRANCISCO—Continued.

Gold—Osborne Mining Co., 331 Pine st.
Gold—Osceola Consolidated Mining Co., 307 Montgomery st. Jacob Wray, pres.; Holland Smith, secy. Mine at Plymouth.
Stone—H. Osterloh, 37 Commercial st.
Gold—Overman Mining Co., 414 California st.
Almm.—Pacific Coast Aluminum Co., 170 Crocker bldg.
Borax—Pacific Coast Borax Co., 230 Montgomery st.
B.Coal—Pacific Improvement Co., 4 Montgomery st.
B.Coal—Pacific Investment Co., 316 California st.
Roll.M.—Pacific Iron & Nail Co., 132 Market st. H. J. Sadler, pres. and treas.; C. W. Wright, v. pres., gen. mgr., agent and buyer; W. F. Man, secy. Cap. stk., $1,500,000; $400,000 pd. up. Mill at Oakland.
Gold—Pacific Mining Co., 56 Nevada blk.
Stone—Pacific Paving Co., Phelan bldg. Basalt rock.
Gyp.—Pacific Plaster Co., 216 Bush st. J. C. Cebrian, pres.; W. Fries, v. pres.; W. Hanson, secy. Quarry and works at Lovelock, Nev.
Roll.M.—Pacific Rolling Mill Co., 100 Market st. Edward Coleman, pres.; Wm. P. Sullivan, Jr., secy.; Chas. M. Keeney, gen. mgr.; P. Noble, supt. Works at Potrero Point.
Stone—Pacific Stone Co., 6th and King sts.
Gold—Thos. J. Parson, 107 California st.
Gold—Peer Mining Co., 26 Nevada blk.
B.Rock—N. P. Perine Contracting & Paving Co., 144 Phelan bldg. Nicholas P. Perine, pres.; Frank Walker, v. pres.; Richard C. Mattingly, secy. Bituminous rock.
Gold—E. A. Phelps, 120 Sutter st. Mine at Glencoe. (Idle.)
Silver—Phenix Mining & Milling Co., 69 Nevada blk. Mine at Benton.
Gold—Henry Pichoir, 320 Sansome st.
Gold-S.—Pilgrim Gold & Silver Mining Co.
Gold—Pioneer Mining Co., 530 Montgomery st.
Gold—Plumas Eureka Mining Co., 320 Sansome st.
Gold—Potosi Mining Co., 79 Nevada blk.
Silver—Presidio Mining Co., 33 Nevada blk. John F. Boyd, pres.; Chas. H. Fish, v. pres.; L. Osborn, secy.; Nevada Bank, S. F., treas.; Wm. Noyes, supt. and buyer. Cap. stk., $140,000 pd. up. Mine at Shafter, Tex.
M.E.—Ed. B. Preston, mining engineer, care State Mining Bureau, 24 4th st.
Iron—Preston Iron Co., California st. I. Preston, pres.; Abraham Halsey, secy. and treas.; M. Glinn, gen. mgr. Cap. stk., $500,000. Mine at Nanaimo, B. C.
Gold—Thos. Price, 524 Sacramento st.
Gold—W. C. Price, 322 Pine st.
Iron—Puget Sound Iron Co., 328 Montgomery st.
Gold—Pyramid Mining & Mill Co., 915 Railroad ave. John W. Hodgkin, pres.; John S. Hare, v. pres.; Charles A. Hare, secy.; D. C. W. Hodgkin, treas. and gen. mgr. Cap. stk., $100,000; $20,000 pd. up. Mines at Shingle Springs, Cal.
Gold—Quaker City Gold Mining Co., 418 Market st.
Gold—Quincy Mining & Water Co., 331 Pine st. Mine at Spanish Ranch.
Gran.—Quinn Bros., 1113 13th ave. south. Quarry at Rocklin.
Gold-S.—Quintera Mining Co., 506 Battery st.
Gold-S.—Ralston & Grayson, 331 Pine st.
Gold—James B. Randol, 320 Sansome st.
Gold—Horace D. Ranlet, 420 Montgomery st.
Gold—P. Reddy, 330 Pine st. Mine at Darwin.
B.Coal—Renton Coal Co., 30 Market st.
Gold-S.—Reward Gold Mining Co., 56 Nevada Blk. Thos. Cole, pres.; W. T. Libby, v. pres.; J. Stadtfeld, Jr., secy.; Bank of California, treas.; Wm. C. Smith, M. E., gen. mgr. and buyer. Cap. stk., $1,000,000. $100,000 pd. up. Mine at Pine Grove.
Gold—Riverside Mining & Milling Co., 56 Nevada blk.
Gold—Gen. Oliver Roberts, 1803 Broadway.
Gold—Stephen Roberts, 124 Sansome st.
Lime—Rockland Lime & Lumber Co., 210 California st. W. T. Cobb, pres.; R. L. Levensaler, secy. and treas. Cap. stk., $100,000. Works at Rockland. (P.O. Jolon), Cal. (Idle.)
Coal-I.—Rocky Mountain Coal & Iron Co., 58 Union Trust Bldg.
Gold—Rodger Hill & Cherokee Gravel Mining Co., 320 Sansome.
Gold—A. W. Rose, Jr., 1 Hobart Bldg.
Gold—Rose Hill Gold Mining Co., 320 Sansome st.
Gold—Royal Consolidated Mining Co., 214 Pine st. J. D. Peters, pres.; J. U. Castle, v. pres.; I. R. Wilbur, treas. and gen. mgr.; N. M. Orr, secy. Mine at Copperopolis, Cal. Head office at Stockton, Cal.
Gold-S.—Rozecrans Mining Co., 306 Pine st.
Gold—Rugby Gold Gravel Mining Co., 320 Sansome st.
Gold—Russell Reduction Mill & Mining Co., 33 Geary st. Mine at West Point.
Borax—San Bernardino Borax Mining Co., 420 California st. J. W. Searles, pres. and gen. mgr.; Dennis Searles, v. pres.; H. Krebs, jr., secy., treas. and buyer. Cap. stk., $150,000, pd. up.
Stone—San Francisco Blue Stone Quarry, cor. Clipper and Douglas sts.

SAN FRANCISCO—Continued.

Gold-S.—San Juan Mining Co., 506 Battery st. F. A. Schneider, pres.; H. W. Schramm, secy. and treas.; W. S. Cranzy, gen. mgr.; F. M. Petersen, buyer. Operates 6 miles railroad; 1 locomotive; 24 cars; 2½ miles wire cable. Mines at San Juan, Lower California, Mexico.
Asph.—San Luis Obispo Bituminous Rock Co., 240 Montgomery st.
Gold—San Vicenti Mining Co., 158 Crocker Bldg.
B.Rock—Santa Cruz Rock Paving Co.
Gold-S.—Savage Mining Co. Geo. R. Wells, pres.; H. Zadig, v. pres.; E. B. Holmes, secy.; Bank of California, treas.; R. P. Keating, gen. mgr. Cap. stk., $10,000, pd. up. Mine at Virginia City, Nev.
Stone—Jos. Scheerer Co., 21-25 10th st.
Gold—Scorpion Mining Co., 310 Pine st.
Smelt.—Selby Smelting Works, 416 Montgomery st.
Gold—Seligman Bros., Anglo-Californian Bank.
Gold—Shakespeare Mining & Milling Co., 224 California st.
Gold—Shamrock Mining Co., Spreckles Bldg. M. J. Reid, pres.; N. L. Bell, secy.; S. W. Backus, treas.; M. J. Farrell, M. E., gen. mgr. and buyer. Cap. stk., $250,000. Mine at Grass Valley.
Gold—Sharp Mining Co.
Iron—Shasta Iron Co., R. 29, 508 California st. Chas. Webb Howard, pres.; John Finn, v. pres.; C. B. Morgan, secy. Mines at Kennett junction, Pitt and McCloud rivers, Shasta Co.
Gold—Wm. P. Shaw, 214 Pine st.
Gran.—Sheerin & Sons, s. w. cor. Broderick and Ellis sts.
Gold—Sierra Leon Gold Mining Co., 69 Nevada Blk.
Silver—Sierra Nevada Silver Mining Co., 14-15 Nevada blk.
Gold—Silver Hill Mining Co., 309 Montgomery st.
Qsr.—Siskiyou Consolidated Quicksilver Mining Co., 306 Pine st.
Stone—Sites Sandstone Co., 315 Montgomery st.
B. Coal—Skagit Cumberland Coal Co., 408 California st.
Stone—S. K. Snodgrass, 220 Sutter.
Gold—Societe Anonyme des Mines de Golden River, Nevada Blk. Chas. F. Hoffman, M. E., gen. mgr. and buyer. Principal office, 24 Place Vendome, Paris, France. Louis Roux, pres.; M. Desmaison, secy. Mine at Damascus.
Gold—Sonora Extension Mining Co., 213 Jackson st.
Gold-S.—South Eureka Mining Co. Mine at Jackson.
Gold-S.—South Feather Water & Union Mining Co., 530 California st.
Gold—South Paloma Gold Mining Co. J. A. Wright, pres.; J. M. Cunningham, v. pres.; C. W. Howard, Jr., secy.; Mark B. Kerr, M. E., gen. mgr. and supt. Mine at Mokelumne Hill.
B.Coal—South Prairie Coal Co. J. M. Whitworth, pres.; T. H. Henderson, secy.; C. H. Burnett, supt. Mine at Burnett, Wash.
B.Coal—Southern California Coal & Clay Co., 10 California.
Gold-S.—Southern Nevada Gold & Silver Mining Co., 328 Montgomery st.
Gold-S.—Standard Gold & Silver Mining Co., 320 Sansome.
Qsr.—Standard Quicksilver Mining Co., 320 Sansome st. Mine at Middletown.
Gold—T. J. Stanton, 331 Montgomery.
Gold—John C. Steele, 331 Montgomery st.
Gold—Sterling Mining Co., 330 Pine st.
M.E.—Robert Stevenson, certified mining engineer and mine manager. Graduate Glasgow University, Scotland. P.O. Box 2214.
M.E.—W. H. Storms, mining engineer. State Mining Bureau of California. Field assistant to State Mineralogist. Specialty, mining geology.
Slate—Jacob Strahle Co., 331 Montgomery st. W. E. Chapman, pres.; D. S. Dorn, v. pres.; R. Davis, secy. and treas.; Jacob Strahle, gen. mgr. Cap. stk., $100,000. Quarry at Kelsey.
B.Coal—Sturla Coal Co., 2407 California.
Qsr.—Sulphur Bank Quicksilver Mining Co., 306 California st. Louis B. Parrott, pres.; Wm. Babcock, v. pres.; T. Wintringham, secy. Mine at Lower Lake, Cal.
Gold—Summit Gold Mining Co., 33 Nevada Blk.
Gold—Sunset Gold Mining & Milling Co., 630 Market st.
Gold—Superior Mining & Milling Co., 916 Market st.
Stone—F. T. Sutherland, 9 Fremont st. Basalt rock.
C.M.E.—R. B. Symington, civil and mining engineer. Graduate of Glasgow School of Mines and Glasgow University, 1860.
Gold—Syndicate Mining Co., 56 Nevada blk.
Gold-S.—H. P. Taylor Mining Co., 40 Merchants' Exchange.
Gold—Taylor & Deakin (Thos. G. Taylor, F. H. Deakin), 8 New Montgomery st. Shafts, 70 and 96 ft.; tunnels, 500 ft. 600 tons. Free ore. Horse whim. J. C. Frick, supt.
Gold—Teresa Mining Co., 68 Flood bldg.
Gold—Jas. A. Thompson, 81 Columbia bldg.
Gold—Monroe Thompson, 420 Montgomery st.
Lime—Jno. Tuttle, 516 Haight st.
Gold-S.—Union Consolidated Mining Co.
Silver—Union Consolidated Silver Mining Co., 4 Nevada blk.
Gold—Union Gravel Mining Co., 320 Sansome st.
Gold—Union Mill Co., 331 Pine st.
Gold—Union Mill & Mining Co., 305 Sansome.

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SAN FRANCISCO—Continued.

Gold—Utica Mining Co., 224 California.
Gold—Utah Consolidated Mining Co., 309 Montgomery.
Gold-S.—Valenzuela Con. Land & Mining Co., 431 California st. C. Bertheau, pres.; E. W. Scott, v. pres.; M. A. Bertheau, secy., treas. and buyer; Samuel T. Curtis, M. E. Cap. stk., $2,000,000; $1,600,000 pd. up. Mine at Nacosari, Mexico.
Asph.—Ventura Asphalt Co.
Gold—Victoria & Tunnel Mining Co., 302 Montgomery.
Gold—Geo. T. Vincent, 152 Crocker bldg.
Gold-S.—Wal Wern Mining & Milling Co., 309 Montgomery. L. A. Sanderson, pres.; J. M. Pike, v. pres.; A. K. Durbrow, secy.; J. F. Milliner, treas., supt. and buyer. Cap. stk., $1,040,000. Claim at Benton, Cal.
Stone—Chas. Warren, 9th, No. Howard st. Basalt rock.
Gold—C. P. Waterhouse, 134 Crocker bldg.
Gold—Watt Blue Gravel Mining Co., 323 Montgomery st. Robt. Watt, pres. and treas.; G. D. McLean, v. pres.; G. A. Berton, secy. Cap. stk., $1,000,000. Mine at Nevada City, Cal. (Idle.)
Chem.As.—W. L. Watts, chemist and assayer. Assistant in the field to the California State Mining Bureau.
Gold—Weldon Mining Co., 309 Montgomery.
B.Coal—Wellington Collieries, 340 Stewart. Mine at Wellington, B. C.
Gold-S.—West Consolidated Virginia & California Gold & Silver Mining Co., 324 Pine.
Gold—West Point Commercial Co., 628 Sacramento. Mine at West Point.
Gold—Western Bell Mining Co., 405 Montgomery.
Gran.—Weyscheider & Co., 404 17th.
Gold—Edw. Wheaton, 13 Pine st.
Gold—C. W. White, 328 Montgomery st.
Gold—Martin White, 58 Montgomery st.
Gold—Whitney & Galpin (M. E. Whitney, P. G. Galpin), 45 Crocker bldg. Mine at Georgetown.
Gran.—Frank Williams, 17 Eddy.
M.E.—R. X. Wittingley.
Gold—Wittingley Mining & Milling Co. F. G. Wittingley, pres. and treas.; J. S. Peters, secy. Cap. stk., $500,000; $200,000 pd. up. Mine at Bear Valley.
Gold—Jacob Wray. Mine at Plymouth.
Silver—Yellow Jacket Silver Mining Co., 36 Mills bldg.
Gold—Yharra Gold Mining Co., 405 Stewart.
Gold—Yuba Gravel Range Co., 320 Sansome.

SAN JOSE, Santa Clara Co. Pop. 18,060. M.O. Tel. Ry. 841.

Gold-S.—Alluvial Mining Co.
Gold—Edward P. Casterline. Mine at Hornitos.
Marb.—R. H. Dunne & Co.
Lime—A. D. Daunes.
Qsr.—Judge Moore. Quicksilver.
Gr.Mar.—Oak Hill Granite & Marble Co.
Gold—San Jose Gravel Mining Co.
Stone—O. W. Tupper. Limestone.
Gr.Mar.—Western Granite & Marble Co.

SAN LORENZO, Alameda Co. Pop. 198. M.O. Tel. Ry. 841. Banking town Oakland.

Salt—Peter Mathieson. Salt Works.

SAN LUIS OBISPO, San Luis Obispo Co. Pop. 2,995. M.O. Tel. Ry. 644; 841.

Iron—Antimony Mining Co.
B.Rock—Bituminous Block Mfg. Co.
B.Coal—Bituminous Coal Mining Co.
Marb.—Alvah Clark.
Iron—W. Copeland.
Iron—Robt. Elliott.
B.Rock—Jas. Cormack.
B.Rock—M. Greenburg & Co.
B.Rock—E. Groat.
B.Rock—Pedro Marquez.
B.Rock—Oregon Bituminous Rock Co.
B.Rock—San Luis Obispo Bituminous Rock Co., Los Angeles. Quarries Nos. 1 to 8, inclusive; 10 employes. Steam and horse. James Cormack, mine supt.

SAN RAFAEL, Marin Co. Pop. 3,290. M.O. Tel. Ry. 618; 794.

Lime—Henry Iverson.
Iron—A. Maillard.

SAN SIMEON, San Luis Obispo Co. Pop. 132. Ry. 645. Banking town Cambria.

Qsr.—Black Hawk Mining Co. Quicksilver.
Gold—Peter Gillis.

SANTA BARBARA, Santa Barbara Co. Pop. 5,864. M.O. Tel. Ry. 841.

Marb.—Samuel Frost.
B.Rock—J. F. Morr.
Asph.—Punta Gorda A. & P. Co.
Marb.—Squire & George.

SANTA CRUZ, Santa Cruz Co. Pop. 5,596. M.O. Tel. Ry. 841.

Marb.—J. H. Billodan.

SANTA CRUZ—Continued.
B.Rock—Consolidated Bituminous Rock Co., San Francisco. Thurber mine.
B.Rock—J. Cope. Bituminous rock.
B.Rock—Henry Cowell & Co.
Gold—Don Carlos Mining Co., 179 Pacific ave.
Gold—Duke & Grover.
Gold—A. H. Fitch.
Gold—Leonard Markham.
Marb.—J. M. Pierrugues.
Asph.—Santa Cruz Rock Paving Co.
Marb.—Thurber & Britt.
Gold—Volcano Tunnel Co.

SANTA MARIA, Santa Barbara Co. Pop. 1,433. M.O. Tel. Ry. 644.
Asph.—Pacific Asphalt Co., 509 Chamber of Commerce, Chicago. Buena Vista mine. Asphalt rock. 10,000 tons; 40 employes. Works, 30 tons daily capacity. Steam. A. N. Millspaugh, mine supt.
Asph.—Santa Maria Asphalt Co.

SANTA MONICA, Los Angeles Co. Pop. 1,580. M.O. Tel. Ry. 839; 841.
M.E.—Henry W. Edwards, mining engineer. Attends exclusively to mining and metallurgy of copper.

SANTA ROSA, Sonoma Co. Pop. 5,250. M.O. Tel. Ry. 477; 794; 841.
Gran.—F. A. Ducharm.
Gran.—C. W. Frost.
Stone—Guy E. Grosse. Rincon Heights quarry. Basalt paving blocks, curb and building stone. 300 days; 10 employes. Steam rock crusher at quarry, 200 yards daily capacity. Operated by City of Santa Rosa.
Stone—Otto Johnson. Basalt rock.
Stone—L. Laurent. Basalt rock.
Silver—McMillin Silver Mining Co. C. H. Holmes, pres. and gen. mgr.; T. B. Hood, v. pres.; Chas. A. Hoffer, secy.; Jno. P. Overton, treas. Cap. stk., $100,000. Mine at Globe Gila, Arizona.
Stone—J. D. Sullivan. Basalt rock.
Stone—James Warner. Basalt rock.

SAWYERS BAR, Siskiyou Co. Pop. 225. M.O. Ry. Yreka, 965a. Banking town Ft. Jones.
Gold—A. Ahlgrin.
Gold—John Anderson. Placer. Drift, 300 ft.
Gold—Ball Mining Co.
Gold—C. Barry & Co.
Gold—Barry & James.
Gold—G. W. Bigelow. Sawmill mine. Shaft, 12 ft.
Gold—Wm. Burns.
Gold—S. L. Carter.
Gold—Channel Mining Co. G. F. Bigelow, pres. and gen. mgr.; Oren R. Bigelow, v. pres.; G. W. Bigelow, secy.; E. G. Bigelow, treas. Cap., $6,000. Channel placer mine. Gravel, 18 ft. 8 employes. Water.
Gold—Chronan Bros.
Gold—F. Corbin.
Gold—J. Descher.
Gold—Dougherty Bros.
Gold—John Dougherty & Co.
Gold—L. Downey.
Gold—R. L. Fagundees Co.
Gold—Joseph Finley & Bro.
Gold—S. L. Finley.
Gold—S. M. Finley & Sons.
Gold—Franks & Moncton.
Gold—John Frantz & Co.
Gold—Jose E. Frazier.
Gold—H. Giershen & Kelner.
Gold—Gold Bull Mining Co.
Gold—F. Golden.
Gold—Harris Bros.
Gold—Dr. A. C. Helm.
Gold—Hickey Bros.
Gold—A. M. Hopson.
Gold—Horse Shoe Mining Co. Horse Shoe mine. Open pit, 18 ft. 6,000 tons. Water.
Gold—J. S. Hughes.
Gold—Henry H. Hunter.
Gold—W. E. Kline.
Gold—G. A. Mohr.
Gold—Murray & Pearson.
Gold—Myers & Smith.
Gold—P. Napoles & Co.
Gold—J. C. Nave.
Gold—Chas. Nicolet.
Gold—Frederick Olson, Olney, Oregon. Olson's mines. Gravel. Placer. 300 days; 4 employes. Water. Joe Johnson, mine supt.
Gold—Peters Bros.
Gold—E. Roberts.
Gold—Carl Shaw.
Gold—Sheffield Mining Co.
Gold—Smith & Marion.
Gold—Uncle Sam Gold Mining Co.
Gold—Frank Varsas.

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SAWYERS BAR—Continued.
Gold—L. Wagner.
Gold—White Bear Quartz Mining Co.
Gold—Jno. C. Windeler.

SCALES, Sierra Co. Pop. 247. Ry. Oroville, 841. Banking town Marysville.
Gold—Cleveland Gold Mining Co.
Gold—Fairplay Mining Co.
Gold—Perkins Point Gold Mining Co.

SCOTT RIVER, Siskiyou Co. Pop. 210. M.O. Ry. Yreka, 965a.
Gold—M. Andrews.
Gold—W. Bennett.
Gold—O. D. Campbell.
Gold—J. Duncan.
Gold—Happy Hunch Mining Co. (C. L. Lang and H. W. Crawford, props.)
Happy Hunch mine. Gravel placer. 5 employes. Water. C. L. Lang, mine supt.
Enterprise Drift mine. Tunnel, 350 ft. 500 tons; 200 days; 6 employes. Water. H. W. Crawford, mine supt.
Lang & Crawford mine. Tunnel, 110 ft. Free milling ore. 250 days. Water. 5-stamp mill, 10 tons daily capacity. C. L. Lang, mine supt.
Gold—George Magoffey & Co.
Gold—J. T. Miner.
Gold—George Murray.
Gold—J. Ramus.
Gold—Reynolds & Jacobs.
Gold—W. Robertson.
Gold—J. Robinson.
Gold—Shorbes, Brunt & Co.
Gold-S.—Arthur Simons.

SCOTTS BAR, Siskiyou Co. (P.O. Oak Bar.) Ry. Yreka 965a.
Gold—Brunt, Schorb & Co.
Gold—Crawford & Co.
Gold—McCauley & Son.
Gold—G. McGuffy.
Gold—H. Preckel.

SEA VIEW, Sonoma Co. Ry. Cazadero, 618.
B.Rock—P. Gallagher.

SEIAD VALLEY, Siskiyou Co. Pop. 106. Ry. Yreka, 965a.
Gold—C. M. Bailey.
Gold—Jno. Bailey.
Gold—M. Bailey.
Gold—W. T. Grider. Mississippi mine, placer. 240 days; 4 employes. Water.
Gold—B. Phillips & Son.
Gold—Lee Yot & Co.
Gold—John Sener.
Gold—Shiner Bros.
Gold—F. Tibbets.
Gold—J. Wood.
Gold—W. H. Wood.
Gold—W. Woods.

SELBY, Contra Costa Co. Pop. 123. M.O. Ry. 841.
Gold—Rose Mining Co.

SENTINEL, Fresno Co. Ry. Fresno, 841.
Gold—J. McDonnell.
Gold—Chris. Peterson.
Gold—T. Waxford.

SHASTA, Shasta Co. M.O. Tel. Ry. Redding, 841.
Gold—Jos. E. Bell.
Gold—G. W. Boswell.
Gold—W. A. Boswell.
Gold—Britt & Fitch. (O. W. Britt, A. H. Fitch.) Santa Cruz mine. Shaft, 26 ft. Free and refractory ore. (Developing.)
Gold—California Gold Mining & Development Co., 460 9th st., San Francisco. London mine. Quartz. Shaft, 40 ft. Free ore. 3 employes. Developing. Burton mine. Free ore. Developing. E. Markwick, mine supt.
Iron—Iron Mountain Mining Co.
Gold—Little Nellie Mining Co.
Gold—Lost Confidence Mining Co.
Gold—A. T. Molin.
Gold—Mt. Mines., Ltd.
Gold—David Presentia.
Gold—J. Sallee & Co.
Gold—J. Scranton.
Gold—Wise & Hill.

SHELL MOUND, Alameda Co. (P.O. West Berkeley.) Tel. Ry. 841.
Red.Wks.—National Base Ore Reduction Co., San Francisco. 3 coke furnaces; 1 roasting furnace; 4 stacks.

SHINGLE SPRINGS, Eldorado Co. (P.O. Shingles.) Pop. 197. Tel. Ry. 841.
Gold—Ayl & Pelton.
Gold—Barnes Gold Mining Co.
Gold—H. Barnes.
Gold—J. Darrow.
Gold—Dividend Mining Co.
Gold—Pine Hill Gold Mining Co.
Gold—Pyramid Mining & Mill Co., 915 Railroad ave., San Francisco. Pyramid mine. Shaft, 200 ft. Tunnel, 350 ft. Refractory ore. 5-stamp mill, 7 tons daily capacity. (Developing.)
Dividend mine. Placer. 240 days; 6 employes. D. C. W. Hodgkin, mine supt.

SIERRA CITY, Sierra Co. Pop. 632. M.O. Tel. Ry. Nevada City, 578. Banking town Reno, Nev.
Gold—O. Bigelow.
Gold—T. Brennan.
Gold—A. C. Busch.
Gold—Butte Saddle Gold Mining Co.
Gold—Chipps Mining Co.
Gold—Cleveland Gold Mining Co.
Gold—Gold Ridge Consolidated Mining & Milling Co., 216 Post st., San Francisco. Gold Ridge Consolidated Gravel Placer mine. Tunnel, 250 ft. Mine located in Nevada county.
Gold—Hughes Mining Co.
Gold—Caspar Joos.
Gold—Kentucky Mining Co.
Gold—Marguerite Mining Co.
Gold—Mining Investment Co.
Gold—Salinas & Mercer Mining Co.
Gold—Sierra Butte Gold Mining Co.
Gold—Steelman & Hays Co.
Gold—William Tell Mining Co.
Gold—S. Thomas.
Gold—Young America Consolidated Mining Co.

SITES, Colusa Co. Ry. 835.
Salt—Antelope C. Salt Co.

SMARTVILLE, Yuba Co. Pop. 389. M.O. Tel. Ry. Marysville, 841.
Gold-S.—Boa Mining & Milling Co., 216 Post st., San Francisco. Boa mine. Shaft, 55 ft. (Developing.)
Gold—P. Campbell.
Gold—Lewis Conrad.

SMITH RIVER, Del Norte Co. Pop. 683. M.O. Ry. 645.
Gold—Campbell & Co.
Cop.—Del Norte Copper Co.

SMITHFLAT, Eldorado Co. Pop. 48. Ry. Placerville, 841.
Gold—Unity Mining Co., Placerville. Unity mine. Slope, 300 ft. Free ore. Steam.

SNELLING, Merced Co. Pop. 319. M.O. Banking town and ry. Merced, 841.
Stone—Edward Feldhaus.
Gold—Mrs. Sophia Jacobs.
Stone—J. W. Minges.

SOMERSVILLE, Contra Costa Co. Pop. 188. M.O. Banking town and ry. Antioch, 841.
Gold—James Rankin.

SOMESBAR, Siskiyou Co. Pop. 18. Ry. Arcata, 791. Banking town Eureka.
Gold—W. H. Bowensox.
Gold—Clark & Co.

SONOMA, Sonoma Co. Pop. 757. M.O. Tel. Ry. 794.
Stone—H. C. Manuel. Basalt rock.
Gold—Olwer & Co.
Stone—A. Pinnelli. Basalt rock.
Stone—William Trudger. Basalt rock.
Stone—H. Weil. Basalt rock.

SONORA, Tuolumne Co. Pop. 1,141. M.O. Tel. Ry. Milton, 841. Banking town Oakdale.
Gold—Bald Mountain Tunnel Co.
Gold—Bonanza Mining Co.
Gold—Bromley & Orlando.
Gold—Consolidated Golden Gate & Sulphuret Mining & Development Co., San Francisco. Golden Gate and Golden Sulphuret mines. Shaft, 300 ft.; drifts, 250 and 100 ft. 300 days; 30 employes. 10-stamp mill. Concentrator. Water and steam. E. C. Loftus, supt.
Gold—Darrow & Co.
Gold—James Farrell.
Gold—John T. Faxon. Saratoga mine. Tunnel, 1,200 ft. Operated by W. C. Oaksander under lease.
Sonora mine. Two shafts, 35 and 120 ft. Refractory ore.
Gold—Garfield Virginia Mining Co.
Gold—Golden Gate Mining Co.
Gold—Golden Gate Mining & Milling Co.
Gold—Golden Rule Mining Co.
Gold—M. B. Harriman.

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SONORA—Continued.
Gold—C. F. Haslam.
Marb.—H. C. McCready.
Gold—Marlow Mining & Development Co., Sacramento, Cal. Gravel placer. 2,000 acres. 300 days. Water.
Gold—John Neal & Co.
Gold—John Neals.
Gold—New Albany Mining Co.
Gold—Rappahannock Mining Co.
Gold—Rawhide Mining Co. of West Virginia.
Gold—Rawhide No. 2 Mining Co.
Gold—P. J. C. Reyland. Reyland's mine. Three miles from Sonora. Tunnel. Placer. Hydraulic.
Gold—San Guiseppe Mg. Co.
Gold—Santa Zabel G. Mg. Co.
Gold—Star Mining & Milling Co.
Gold—F. Sutton.
Gold—Dr. John Walker. Pine Nut mine, 8 miles from Sonora. Tunnel, 100 ft. Refractory ore. (Developing.)

SOULSBYVILLE, Tuolumne Co. Pop. 143. Mo. Ry. Milton, 841. Banking town Oakdale.
Gold—Bellevino Mining Co.
Gold—Black Oak Mining Co.
Gold—Jos. Burns.
Gold—Carrie Mining Co.
Gold—Consolidated Eureka Mining Co.
Gold—Hibbing Bros.
Gold—Leechman Prospecting Co. (John Leechman), 508 California st., San Francisco. Kelvin mine. Tunnels, 2,300 ft. Free ore. 10,000 tons; 300 days; 25 employes. Concentrators. 15-stamp mill, 30 tons daily capacity. Water. Wm. Shurwood, mine supt.
Gold—T. W. Marshall.
Gold—Scott, Dowe & Co.
Gold—W. Sharwood.
Gold—Thomas Soulsby.
Gold—Soulsbyville Mining Co.
Gold—Tuolumne County Development Co.

SOUTH RIVERSIDE, Riverside Co. Pop. 573. M.O. Tel. Ry. 839.
S.Cop.—Death Valley Mining Co. R. B. Taylor, pres.; H. Woodhall, secy and treas.; R. W. Beckerton, gen. mgr.; H. Willson, buyer. Cap. stk., $1,000,000. Mines at Panamint.

SPANISH RANCH, Plumas Co. Pop. 33. Ry. Oroville, 841.
Gold—Hallsted Bros. A. D. Hallsted, gen. mgr. and buyer. Mine at Twelve Mile Bar.
Gold—J. Halstead.
Gold—James McGowan. Tunnel. Gravel.
Gold—Quincy Mining & Water Co., San Francisco. 20 employes. Hydraulic.
Gold—S. Brown & Co., Meadow Valley. 5 employes. Hydraulic.
Gold—C. Thompson.

SPENCEVILLE, Nevada Co. Pop. 146. Banking town and ry. Wheatland, 841.
G.S.Cop.—Capt. C. C. Bitner. First Chance mine. Tunnel, 500 ft. Free and refractory ore. (Developing.)
Gold—Bitner & Piesch.
Gold—Alexander Dougherty.
Gold—W. H. Jackson.
Gold—Mammoth Mining Co.
G.S.Cop.—Mineral Hill Mining & Smelting Co., San Francisco. Mineral Hill mine. Shaft, 150 ft. Tunnel, 800 ft. Free and refractory ore. Capt. C. C. Bitner, mine supt. (Developing.)
Gold—John Sullivan.
Gold—Thomas Welch.
Gran.—Wochler & Pletsch. Granite.
Cop.—Wochler & Pletzsch.

STEGE, Contra Costa Co. Tel. Ry. 841.
Gold-S.—Stone, Tremlow & Co.

STELLA, Shasta Co. Ry. Redding, 841.
Gold—C. A. Crowell.
Gold—Elleigh & Rea.
Gold—John Faubel & Co., San Francisco. Bright Star mine. Shaft, 40 ft. Tunnel, 400 ft. Free ore. 4 employes. Water. 5-stamp mill, 8 tons daily capacity. E. R. Crowell, mine supt.
Gold—Grizzly Gulch Co.
Gold—W. Hartman.
Gold—Richard Hetschel.
Gold—D. B. Hunt & Co.
Gold—Mad Mule Mining Co.
Gold—Mad Ox Mining Co.
Gold—C. A. Nelson.
Gold—Phoenix Mining Co.
Gold—Rattlesnake Mining Co.
Gold—Red Bluff Mining Co.
Gold—Reil & Woodward.
Gold—Spellman, Mott & Haskell.
Gold—Spring Gulch Mining Co.
Gold—West End Mining Co.
Gold—John K. Williams.
Gold—O. P. Woodward.

STENT, Tuolumne Co. Ry. Milton, 841.
Gold—Golden Rule Mining & Milling Co., Napa. Golden Rule mine. Tunnels, 1,500 ft. 15 employes. Water. E. A. Stent, mine supt.

STOCKTON, San Joaquin Co. Pop. 14,424. M.O. Tel. Ry. 841.
Marb.—Dickson, Woodhull & Cramer.
Marb.—Johnson & Spellman.
Gold—James Prentice.
Lime—Southworth, Gratlan & Co.
Gold—Virtue Mining, Milling & Developing Co.

SULPHUR CREEK, Colusa Co. Pop. 169. Banking town and ry. Williams, 841.
Gold—Clyde Gold Mining Co.
Gold—Manzanita G. M. Co.
Gold—93 Quartz Mine.
Qsr.—G. V. Northey. Quicksilver.
Qsr.—Northey & York. Quicksilver.

SUNDALE, Butte Co. Ry. Oroville, 841.
Gold-S.—Joseph Henley.

SUNNY SOUTH, Placer Co. (P.O. Michigan Bluff.) Ry. Colfax 841.
Gold—California Mining Co., Bath. Sellier & Adams. Consolidated mine. Tunnel, 4,000 ft. Gravel placer. Steam. J. B. Sellier, mine supt.
Gold—Hidden Treasure Gravel Mining Co. Harold S. Powers, pres.; R. M. Sparks, v. pres.; J. A. Ferguson, secy. and buyer; Placer County Bank, treas. Cap. stk., $360,000, pd. up. Hidden Treasure and Mountain Gate mines. Tunnels, 5,000 ft. 110,000 tons; 300 days; 150 employes. Water flumes. Harold S. Powers, mine supt.
Gold—H. T. Powers.

SUTTER CREEK, Amador Co. Pop. 1,351. M.O. Tel. Ry. Ione, 841. Banking town Sacramento.
Gold—Amador Canal & Mining Co.
Red.Wks.—Amador Reduction Works.
Gold—Belmont Mining Co.
Gold—R. G. Downs.
Gold—Mrs. J. Mahoney.
Gold—Mahoney Mining Co.
Gold—John Tregloan.
Gold—E. C. Voorhies.
Gold—Wiedman Gold Mining Co., 21 Exchange st., Portland, Maine. Wiedman mine. Slope, 1,300 ft. Free ore. 35,000 tons; 300 days; 60 employes. Water. Concentrator and 30-stamp mill, 100 tons daily capacity. J. Ross, Jr., M. E., mine supt.
Mahoney mine. Slope, 900 ft. Free ore. 20,000 tons; 300 days; 40 employes. Water. Concentrator and 20-stamp mill, 65 tons daily capacity.
Gold-S.—Wildman & Mahoney.

SWEETLAND, Nevada Co. Pop. 84. Banking town and ry. Nevada City, 578.
Gold—R. A. & W. T. Thomas.

SWEETWATER, San Diego Co. P.O. and Ry. El Cajon 790.
Gold—Great Western Consolidated Mining Co.

TABLEROCK, Sierra Co. Pop. 497. Ry. Oroville, 841.
Gold—J. R. Alexander.
Gold—G. W. Cox.

TAYLORSVILLE, Plumas Co. Pop. 205. Tel. Ry. Beckwith, 830a. Banking town Reno, Nev.
Gold—Lucky Strike Gold Mining Co.

TEMECULA STATION, Riverside Co. Pop. 163. M.O. Tel. Ry. 839. Banking town Elsinore.
Gran.—C. N. Fernald & Son.

TEMESCAL, Riverside Co. Pop. 648. Ry. South Riverside, 31.
Gold—R. W. Beckerton.
Gold—R. H. Brown.
Gold—Castella Bros.
Gold—D. L. Dawson.
Gold—Charles Perry.
Gold—Peterson Bros.
Gold—San Jacinto Est. Mining Co.

THREERIVERS, Tulare Co. Pop. 276. Ry. Exeter, 841.
Gold—Arthur Crowley.
Gold—Marens Lavallee.
Gold—Tom White.

TOLLHOUSE, Fresno Co. Pop. 213. Banking town and ry. Fresno, 841.
Gold—G. W. Barnes.
Gold—Block & Ladley.

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TOWLE, Placer Co. Pop. 317. Tel. Ry. 841.
Gold—Dorrer Bros.
Gold—C. L. Ford.

TRACY, San Joaquin Co. Pop. 362. M.O. Tel. Ry. 841. Banking town Stockton.
B.Coal—Richard Jenking.
Iron—William Ladd.
B.Coal—James Treadwell.

TRINIDAD, Humboldt Co. Pop. 66. Ry. Arcata, 791. Banking town Eureka.
Gold—Jno. Chapman.

TRINITY CENTRE, Trinity Co. Pop. 95. Ry. Redding, 841. Banking town Weaverville.
Qsr.—Altoona Quicksilver Mining Co.
Gold—Bloss & McClary.
Gold—J. E. Carr.
Copper—Copper Creek Mine.
Qsr.—J. F. Cox. Quicksilver.
Gold—Dean & Morton.
Gold—Diddy & Conwell.
Gold—A. P. Haskins.
Gold—Nosh Deep Gravel Gold Mining Co.
Gold—Parry Bros.
Gold—Stroude Bros.
Gold—Strode & Bowden.

TULARE, Tulare Co. Pop. 2,697. M.O. Tel. Ry. 841; 912.
Lime—P. A. Buell & Co.
Marb.—G. Lazenby.
Lime—San Joaquin Lumber Co.

UKIAH, Mendocino Co. Pop. 1,627. M.O. Tel. Ry. 794.
Cop.—Dr. G. W. Stout.
Cop.—W. T. Thomas.
Gold-S.—Wm. Van Allen. Cap. $700. Van Allen mine. Incline tunnel, 45 ft. Refractory ore. 2 employes. Concentrator. (Developing.)

VALLEJO, Solano Co. Pop. 6,343. M.O. Tel. Ry. name South Vallejo, 841.
Marb.—T. M. Doyle.
Marb.—J. A. Plymire & Sons.
Qsr.—Vallejo Mining Co. Quicksilver.

VALLEY SPRINGS, Calaveras Co. Pop. 298. M.O. Ry. 841. Banking town Stockton.
Gold—Horseville Mining Co.
M.E.—Mark B. Kerr, mining engineer.
Gold—Paloma Gold Mining Co.
Gold—South Paloma Gold Mg. Co., San Francisco. South Paloma mine. Shaft, 100 ft. Tunnel, 190 ft. Free ore. 8 employes. Steam and water. M. B. Kerr, mine supt. (Developing.)

VALLECITA, Calaveras Co. Pop. 200. M.O. Cal. Ry. Milton, 841. Banking town Stockton.
Gold—Richard Cohen.
Gold—G. Copeland.
Gold—A. Lundberg et. al. Isbell mine. Shaft, 70 ft. Free ore. 7 employes. Steam.
Gold—Moyle & Moyle. Moyle mine. Slope, 260 ft. 18 employes. Steam. F. W. Kinney, mine supt.
Mount Nebo mine. Shaft, 100 ft. Free ore. Steam. Wm. Moyle, mine supt.
Gold—Luke Sanguenette.
Gold—Sloan & Sons.

VANDERBILT, San Bernardino Co. Ry. Manvel, 579.
Gold—Green Campbell.
Gold—Gold Bronze Mining Co.
Gold—J. P. Taggart.
Gold-S.—Vanderbilt Mining & Milling Co. J. K. Patton, pres.; J. P. Taggart, v. pres., gen. mgr. and buyer; W. A. McFarlane, secy. Cap. stk., $100,000, pd. up. Gold Bronze mine. Shaft, 300 ft. Refractory ore. 300 days; 25 employes. Steam. Concentrator. 10-stamp mill, 15 tons daily capacity.
Chippy and Lookout mines. Shaft, 150 ft. Refractory ore. 250 days; 10 employes. J. P. Taggart, mine supt. (Developing.)

VENTURA, Ventura Co. Pop. 2,320. M.O. Tel. Ry. 841.
Asph.—Ventura Asphalt Co.

VICTOR, San Bernardino Co. Pop. 112. Tel. Ry. 839.
Gold—Altura Gold Co.
Marb.—J. B. Cook.
Gold—Cook, Leach & Co.
Gold—Holcomb Valley Mining & Milling Co.
Stone—Keith & Leaby.
Gold—J. H. Means.
Gold—Morongo Mining & Milling Co., 908 Main st., Riverside, Cal. Rose Mine, 45 miles east of Victor. Incline 450 ft. Free and refractory ore. 300 days; 20 employes. Steam. 5-stamp mill, 12 tons daily capacity. K. D. Shugart, mine supt.

VICTOR—Continued.
Gran.—A. C. St. John. Granite quarry.
Gran.—Conrad Scheerer, Los Angeles. Scheerer's quarry. Value of output, $18,000; 300 days; 15 employes. Clem Scheerer, quarry supt.
Gold—Sidewinder Mining Co.
Gold—Urban & Driskell.
Gold—Valley Gold Mining Co.
Marb.—Verde Antique Mill & Marble Co., 862 7th st., San Diego. Verde Antique quarry. 3 employes.
Marb.—Victor Marble Co., 237 W. 1st st., Los Angeles. Scheerer's quarry.
Stone—Victor Stone Quarry Co.
Gold—A. Watts.

VILLAPARK, Orange Co. Ry. McPherson, 841. Banking town Santa Ana.
Gold—Hughes Bros.

VIRGINIA, San Diego Co. Ry. San Diego, 223a; 574; 790; 971; 839.
Gold—Thomas James.

VISALIA, Tulare Co. Pop. 2,885. M.O. Tel. Ry. 911a; 912.
Gold—Orin Barr.
Gold—Wm. O. Clough.
Gold—J. B. O'Connor.
Gold—J. E. Prothers.

VOLCANO, Amador Co. Pop. 358. M.O. Tel. Ry. Ione, 841.
Gold—Jay E. French.
Gold—A. H. Gracey.
Gold—W. Q. Muson.
Gold—Volcano Gold Gravel Mining Co.
Gold—N. G. Young.

VOLCANOVILLE, Eldorado Co. P.O. Georgetown.
Gold—John J. Flora, Georgetown, Cal. Buckeye Hill mine. Tunnel, 615 ft. Refractory ore. 800 tons. 300 days; 4 employes.

WALKER, Siskiyou Co. Ry. Yreka, 965a.
Gold—Geo. Brown.
Gold—George Hosseck.
Gold—B. B. Jackson.
Gold—Eli Kelly & Co. Manifold Compensator. Open cut. Water.
Gold—W. Quigley.
Gold—E. Rider.
Gold—Rider & Fabricinus.
Gold—H. White.
Gold—Samuel White.

WASHINGTON, Nevada Co. Pop. 359. M.O. Banking town and ry. Nevada City, 578.
Gold—Baltic Mining Co.
Gold—J. M. Bean.
Gold—F. W. Bradley, Kellogg, Idaho. Spanish mine. Tunnel. Free ore. 60,000 tons; 300 days; 25 employes. 10-stamp mill and four Huntingtons, 200 tons daily capacity. Water.
Gold—C. J. Garland.
Gold—Maryland Mining Co.
Gold—Fritz Meister.
Gold—C. Phelps. Phelps Hill Consolidated mine. Two tunnels, 300 and 400 ft. each. (Developing.)
Gold—M. H. Read.
Gold—Spanish Gold Mining Co.
Gold—N. & J. B. Tully.
Gold—W. L. Williamson.

WEAVERVILLE, Trinity Co. Pop. 913. M.O. Tel. Ry. Redding, 841.
Gold—Cleveland Consolidated Gold Mining Co. Red Bluff, Cal. Bully Choop mine. Tunnels, 1,700 ft. Refractory ore. 10,000 tons; 300 days; 50 employes. Steam. 20-stamp mill, 45 tons daily capacity. W. W. Crocker, mine supt.
Gold—D. Hansen.
Gold—Hupp & McMurray.
Gold—P. M. Paulson.
Gold—W. H. Radford.
Gold—Ralston & Spencer.
Gold—Rule Bros.
Gold—C. W. Smith.
Gold—Trinity River Hydraulic Gold Mining Co.
Gold-S.—J. Woodbury.

WEITCHPEC, Humboldt Co. Ry. Arcata, 791.
Gold—Wm. Lord, Orleans. Weitchpec mine. Placer. 200 days; 3 employes.

WELDON, Kern Co. Pop. 99. Ry. Caliente, 841. Banking town Bakersfield.
Gold—Barton & Patterson.
Gold—Barney Collins.
Gold—J. Roper.
Gold—A. J. Skinner.

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WESTPOINT, Calaveras Co. Pop. 266. M.O. Ry. Valley Springs, 841. Banking town Stockton.
Gold—Blazing Star Mining Co., 628 Sacramento st., San Francisco. Blazing Star mine. Shaft, 400 ft. 5-stamp mill, 15 tons daily capacity.
Gold—Joel Rowe.
Gold—S. Rufino.
Gold—Russell Reduction Mill & Mining Co., 33 Geary st., San Francisco. Lockwood mine. Shaft, 300 ft. 6-stamp mill, 18 tons daily capacity.
Gold—Teirakoff Mining Co.
Gold—West Point Commercial Co., 628 Sacramento st., San Francisco. Riverside mine. Tunnels, 400 ft. 6-stamp mill, 18 tons daily capacity.
Gold—Wilson & Co.

WESTVILLE, Placer Co. Ry. Colfax, 578; 841.
Gold—Herman Mining Co.

WHEATLAND, Yuba Co. Pop. 630. M.O. Tel. Ry. 841.
Gold—Good Hope Mining & Milling Co., Grass Valley. Good Hope mine. Shaft, 100 ft. Free and refractory ore. Horse whim.

WHITEHOUSE, Shasta Co. Ry. Copley, 841.
Gold—E. G. Hart.

WHITERIVER, Tulare Co. Pop. 85. M.O. Ry. Portersville, 841.
Gold—R. Allen.
Gold—J. W. Beaver.
Gold—Beaver & Crocker.
Gold—Clint. Biggs. Whisky Flat mine. Tunnel, 200 ft. 200 days; 2 employes.
Gold—F. A. Borrette. Josephine mine. Incline shaft, 125 ft. Free milling ore.
Gold—A. Bowen.
Gold—C. Briggs.
Gold—Norman Brown.
Gold—F. R. Crocker.
Gold—W. H. Duke.
Gold—J. E. Dunlap.
Gold—J. D. Flanger.
Gold—M. G. Ford.
Gold—H. A. Harris.
Gold—J. Jacombs.
Gold—Ross Keller.
Gold—G. W. King.
Gold—J. C. McDonald.
Gold—J. Mayfield.
Gold—T. J. Mayfield.
Gold—A. W. Monroe.
Gold—W. R. Morris.
Gold—T. F. Owens.
Gold—A. R. Sorrells.
Gold—R. L. Tompkins.
Gold—White River Mining Co., Ltd., 23 Bucklersbury, London, Eng. P. A. Thomas, pres.; H. Bacon, secy. and treas.; Nelson Hallock, gen. mgr. and buyer. Cap. stk., £25,000; £18,115 pd. up.
Eclipse mine. Shaft, 200 ft. Tunnel, 300 ft. Free ore. 600 tons; 300 days; 6 employes. Ten-stamp mill, 10 tons daily capacity. Ben Allen, mine supt.
Richelieu, Bald Mountain, Redfield and Diamond mines. Shafts. Free ore. 1,000 tons; 300 days; 10 employes. Ten-stamp mill, 10 tons daily capacity. Steam. Jesse Brown, mine supt.
Gold—A. J. Williams.
Gold—N. Williams.
Gold—P. Womack.

WHITTIER, Los Angeles Co. Pop. 585. M.O. Tel. Ry. 841.
Gold—F. Chase.

WILLIAMS, Colusa Co. Pop. 461. M.O. Tel. Ry. 841.
Gold—T. M. Cooper.
Qsr.—J. P. Rathburn. Quicksilver.

WINCHESTER, Riverside Co. M.O. Tel. Ry. 839. Banking town San Jacinto.
Gold—Wilson & Crane.

WOODLAND, Yolo Co. Pop. 3,100. M.O. Tel. Ry. 841.
Gold—Mascott Mining Co.
Marb.—J. R. Mitchel.
Lime—R. H. Newton.

YANKEE HILL, Butte Co. Pop. 68. Ry Oroville, 841.
Stone—H. I. Curtis.
Gold—H. S. Duensing.
Gold—A. Firsh.
Gold—49 & 56 Gold Mining Co.
Gold—H. Hawkins.
Gold—E. R. Lunt.
Gold—J. Nichol.
Gold—Rainbow Gold Mining Co.
Gold—J. W. Spencer.
Gold—G. W. Stout.
Gold—Venus Gold Mining Co.
Gold—M. H. Wells.

YANKEE JIMS, Placer Co. Pop. 99. Ry. Colfax, 578, 841.
Gold—J. N. Burke.

YOUBET, Nevada Co. Pop. 144. Ry. 578. Banking town Nevada City.
Gold—Ballarat Mining Co.
Gold—Bird's Eye Creek Gold Mining Co.
Gold—G. S. Brown.
Gold—Goodwin & Lawrence.
Gold—Jno. Hussey.
Gold—Jas. McMannus.
Gold—South Yuba & Canal Mining Co.
Gold—A. G. Turner. Mine at Nevada City.

YREKA, Siskiyou Co. Pop. 1,100. M.O. Tel. Ry. 965a.
Gold—Barnes & Co.
Gold—John F. Boyle, San Francisco. Shaft, 150 ft. Tunnel, 850 ft. Free ore. 3,000 tons. Four-stamp mill, 8 tons daily capacity. Steam.
Gold—Boyle Mining Co., 40 and 41 Nevada blk., San Francisco. North Star mine. Tunnel, 1,000 ft. Free ore. 250 days; 40 employes. Steam. 5-stamp mill, 10 tons daily capacity. Jno. F. Boyle, mine supt.
Gold—Cartwright & Phillips. Mountain Belle mine. Vertical tunnel, 380 ft. Free milling. 200 tons. 5-stamp mill, 5 tons daily capacity.

YREKA—Continued.
Gold-S.—W. A. Chamberlain. Marble mine. Tunnel, 330 ft. Refractory and free ore. 250 days; 3 employes.
Gold—F. Cleland.
Gold—J. Cleland.
Gold—A. Fernandez & Co.
Gold—Hegler Bros.
Gold-S.—Eastlick Mining Co.
Gold—Hesperides Mining Co., 3 Flood bldg., San Francisco. Hesperides mine. Incline shaft, 200 ft. Tunnel, 650 ft. Free ore. 300 days; 20 employes. Steam.
Gold—James Ironside. Ironside mine. Shaft, 500 ft. Free ore. Water.
Little Wonder Mine. Shaft, 400 ft. Free ore. Water. (Developing.)
Gold—Wm. Loe & Co.
Gold—A. E. Raynes.
Gold—J. H. C. Schroeder.
Gold—C. Spangler.
Gold—Williams & Wildman.

YUBA CITY, Sutter Co. Pop. 562. M.O. Tel. Ry. 841.
Gold-S.—Yuba Mining Co.

ZEBRA, Madera Co. Ry. Madera, 841.
Gold—C. J. Beck.

COLORADO

AGUILAR, Las Animas Co. Tel. Ry. 898. Banking town Trinidad.
B.Coal—United Coal Co., 524 Ernest & Cranmer bldg., Denver. Peerless mine. Slope, 700 ft. 75,000 tons; 200 days; 150 employes. Steam. J. H. Simpson, mine supt.

ALAMOSA, Conejos Co. Pop. 973. M.O. Tel. Ry. 249.
G.S.—Alamosa Mining & Milling Co. Gold and silver.

ALDENS JUNCTION, Mineral Co. P.O. and Ry. Antelope Springs, 249.
G.S.—Doumire & Son.

ALMA, Park Co. Pop. 367. M.O. Ry. 251; 474a.
G.S.—Brownlow Mining & Milling Co. Gold and silver.
G.S.—T. W. Duffy. Gold and silver.
G.S.—Eagle, Stayner & Root. Gold and silver.
Gold—Fossett Gold Mining Co.
G.S.—Orphan Boy Consolidated Mining Co. Gold and silver.
G.S.—Silver Gem Mining Co. Gold and silver.
G.S.—W. Thomas. Gold and silver.
G.S.—A. H. Wilson. No End mine. Gold and silver. Tunnel, 250 ft. 150 tons; 300 days; 4 employes.
G.S.L.—Woodmass of Alston Mining Co. A. H. Wilson, pres. and treas.; R. W. Wilson, v. pres. and gen. mgr. Great West mine. Gold, silver and lead. Shaft, 140 ft. Tunnel, 1,500 ft. Free ore. 300 days; 6 employes.

ALTMAN, El Paso Co. Pop. 1,000. Ry. Macon, 526.
Gold—Isabella Gold Mining Co., Colorado Springs. Buena Vista, Lee, Smuggler and Emma mines. Shafts, 300 ft. Free and refractory ore. 10,000 tons; 300 days; 100 employes. Steam. L. E. Smith, mine supt.
C.M.E.—Charles Ludwig Lang. Civil and mining engineer.
Gold—Zenobia Gold Mining Co., Colorado Springs. Zenobia mine. Shaft, 400 ft. 250 days; 8 employes. (Developing.)

AMETHYST, Mineral Co. Ry. name Jimtown, 249.
G.S.—Creedmoor Mining & Milling Co. Gold and silver.

ANACONDA, El Paso Co. M.O. Tel. Ry. 307.
Gold—Blue Bell Mining Co.
Gold—Blue Bell Mining, Milling & Prospecting Co.
Gold—Enterprise Mining & Land Co., 119 E. Kiowa st., Colorado Springs. Dolly Varden mine. Tunnel, 250 ft. Refractory ore. 1,000 tons; 300 days; 12 employes.

ANTELOPE SPRINGS, Mineral Co. Ry. Amethyst, 249.
Gold—Numsoac Mining Co., 13 7th ave., New York. Rambler mine. Shaft. Free ore. Dan W. Soward, mine supt. (Idle.)

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ARGENTUM, Hinsdale Co. P.O. and ry. Whitecross, 249.
L.S.—M. E. Holland & Co., Whitecross. Anaconda mine. Tunnel, 100 ft. 100 tons; 90 days; 30 employes. M. E. Holland, mine supt.
Plat.—Dexter mine. Tunnel, 150 ft. Refractory ore. 50 tons; 90 days; 20 employes. J. H. Brown, mine supt.

ARGO, Arapahoe Co. Pop. 500. Ry. 99; 898.
Smlt.—Argo Smelting Co. Smelter.

ARKINS, Larimer Co. Ry. 898. Banking town Loveland.
Stone—J. L. Chaster.

ASHCROFT, Pitkin Co. Pop. 41. Ry. Aspen, 31; 249. Banking town Carbondale.
G.S.—Allegheny Tunnel Co., Ashcroft. Gold and silver.
G.S.L.—Castle Peak Mining & Smelting Co., Aspen. Plumas group. Gold, silver and lead. Tunnel, 1,200 ft. 100 tons; 75 days; 3 employes. F. F. Reiner, mine supt.
G.S.—Elmira Mining Co. Gold and silver.
G.S.L.—Pecos Mining & Milling Co., Aspen. Pecos mine. Shaft, 100 ft. Refractory ore. 200 tons; 100 days; 4 employes. F. F. Reiner, mine supt.
G.S.—Jacob Sands & Co., lessees of Tam O'Shanter group. Jacob Sands, treas.; F. F. Reiner, gen. mgr. Gold, silver, lead, copper and zinc. Shaft, 360 ft. 2,000 tons; 300 days; 30 employes.
G.S.—Treasure Vault Mining Co. Gold and silver.
G.S.—Wm. Warner. Gold and silver.
G.S.—Wolverine Mining Co. Gold and silver.
G.S.—Yellow Boy Mining Co. Gold and silver.

ASPEN, Pitkin Co. Pop. 5,108. M.O. Tel. Ry. 207; 249.
Silver—Argentum-Juniata Mining Co. Silver.
Gold—Argentum Mining Co. of West Virginia.
G.S.—Aspen Favorite Mining Co. Gold and silver.
Sil.L.—Aspen Mining & Smelting Co., Mill and Hyman ave. Jerome B. Wheeler, pres.; J. L. Tilton, secy.; Frank Bulkley, gen. mgr. Cap. stk. $2,000,000, pd. up. Group of 18 claims. Silver and lead. Shafts and tunnels, 2,500 ft. Smelting ore. 12,000 tons; 300 days; 55 employes. Smelter, 100 tons daily capacity. Electricity.
G.S.—Aspen Mountain Tunnel & Mining Co. Gold and silver.
Smelt.—Aspen Union Smelting Co. Smelter.
G.S.—Avoca Mining Co. Gold and silver.
G.S.—Bear Mountain Mining & Milling Co. Gold and silver.
G.S.—Best Friend Mining Co. Gold and silver.
Gold—Black Eagle Consolidated Mining Co.
Silver—Bonny-bel Mining Co. J. C. Bates, pres.; W. Huntington, secy.; J. M. B. Parry, M. E., gen. mgr. Bonny-bel mine. Shaft and tunnel. Smelting ore. 15,000 tons; 300 days; 35 employes.

ASPEN—Continued.
Gold—Bull Hill Gold Mining Co. C. E. Palmer, pres.; E. L. Ogden, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Sil.L.—Bushwhacker Mining Co. J. B. Wheeler, pres.; H. R. Woodward, v. pres.; J. J. Ryan, secy.; E. D. Wright, treas. Cap. stk. $2,000,000, pd. up. Alpine and Bushwhacker mines. Silver and lead. Shafts and tunnels, 3,000 ft. Smelting ore. 5,000 tons; 300 days. Electricity.
Gold—Cash Gold Mining Co.
Silver—Cass & Phillips. Silver.
G.S.L.—Castle Peak Mining & Smelting Co. Gold, silver and lead. Mine at Ashcroft.
Silver—Central Aspen Silver Mining Co.
Silver—Champion Empire Mining Co.
Gold—Colorado Mine & Tunnel Co.
S.L.—Compromise Mining Co. D. M. Hyman, pres.; Francis T. Freeland, M. E., gen. mgr. and buyer. Cap. stk. $1,000,000. Silver and lead. 20,000 tons: 300 days; 50 employes. Electricity and steam.
Gold—Cumberland Consolidated Mining & Milling Co.
Gold—Deep Mining & Drainage Co.
Sil.L.—Devereux Bros. & Bulkley. American mine. Silver and lead. Tunnel, 1,800 ft. Refractory ore. Joseph Paxton, mine supt. (Developing.)
Gold—Difficult Creek Gold Mining & Milling Co., 305 Lake ave.
Sil.L.—Durant Mining Co. D. M. Hyman, pres.; Francis T. Freeland, M. E., gen. mgr. and buyer. Cap. stk. $1,000,000. One hundred acres of claims. Silver and lead. Shafts, 200 ft., 300 ft., 400 ft. and 900 ft. Tunnels, 2,500 ft. and 5,000 ft. 40,000 tons; 300 days; 100 employes. Concentrator. Electricity and steam.
M.E.—Francis T. Freeland, B. S. Consulting mining and mechanical engineer. P.O. Box 1016. Mine manager.
Silver—Free Silver Mining Co.
Gold—Gold Valley Placer Mining Co.
Ch.As.—A. W. Hare, chemist and assayer. P.O. Box 381.
U.S.Sur.—Hayes & Wilcox (Lee Hayes and Herbert A. Wilcox). Civil and mining engineers. 307 Lake ave. U. S. deputy mineral surveyors.
Smlt.—Holden Smelting & Milling Co. Smelter.
Sil.L.—D. M. Hyman. Francis T. Freeland, M. E., gen. mgr. and buyer. Connemara mine. Shaft, 200 ft. Tunnel, 2,500 ft. 15,000 tons; 280 days; 25 employes. Electricity and steam.
Silver—J. C. Johnson. Silver.
G.S.—Late Acquisition Mining Co. C. J. Hughes, pres.; D. M. Hyman, v. pres.; Francis T. Freeland, M. E., gen. mgr. and buyer. Cap. stk. $1,000,000. 50 acres of claims. Gold and silver. Slope, 200 ft. Tunnels, 2,500 and 5,000 ft. 300 days; 10 employes. Electricity and steam. (Developing.)
S.L.—Little Annie Mining Co. Silver and lead.
Silver—Little Lottie Mining Co. Silver.
Gold—Mesa Mining Co.
E.M.—Chas. W. Miller, mining engineer.
G.S.—Miller Mining & Tunnel Co.
Silver—Mineral Farm Consolidated Mining Co., Colorado Springs. Fifty acres of claims. Shafts, 450 and 400 ft. Inclines, 800 and 500 ft. 300 days; 30 employes. Electricity and steam.
Silver—Mollie Gibson Consolidated Mining Co. Silver.
Silver—Park Regent Mining Co. Silver.
Gold—Paystone Mining & Milling Co.
Stone—Peachblow Sandstone Co. Quarry at Basalt.
G.S.L.—Pecos Mining & Milling Co. Mine at Ashcroft.
S.L.—Roaring Fork Mining Co., 414 E. Hyman ave. F. G. Bulkley, pres. and gen. mgr.; W. P. Smith, secy.; A. P. Mackey, treas. Cap. stk. $3,000,000, pd. up. Roaring Fork mine. Silver and lead. Shaft, 425 ft. Refractory ore. 300 days; 25 employes. Steam. C. W. Ellis, mine supt. (Developing.)
G.S.—Sheep Mountain Tunnel & Mining Co. Gold and silver.
G.S.—Solitaire Mining Co. Gold and silver.
G.S.—Statesman Mining Co. Gold and silver.
Gold—West Aspen Mining & Milling Co.
S.L.—Woody & Silver Creek Mining Co. Silver and lead.
S.L.—E. D. Wright. Regent mine. Silver and lead. Shaft, 525 ft. Incline, 780 ft. Tunnel, 4,780 ft. Smelting ore. 12,000 tons; 365 days; 65 employes. Steam and air. John Murphy, mine supt.

AXIAL, Routt Co. Ry. Rifle, 31; 249.
G.S.—Arthur Collum. Gold and silver.
B.Coal—H. H. Eddy.
B.Coal—James Bros.
B.Coal—Pfeifer & Wheeler.
B.Coal—Eugene Taylor.

BACHELOR, Mineral Co. P.O. Tell. Ry. Amethyst, 249.
G.S.L.—Antlers Park Regent Mining Co., Colorado Springs. Mine P.O. Teller, Box 154. Park Regent mine. Gold, silver and lead. Shaft, 1,000 ft. Refractory ore. 20,000 tons; 300 days; 100 employes. Steam.

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BALD MOUNTAIN, Gilpin Co. Pop. 956. M.O. Banking town and Ry. Central City, 898.
G.S.—Hon. H. C. Bolsenger. Gold and silver.
G.S.—Hawley, Gardner Mining Co. Gold and silver.
G.S.—H. B. Morse. Gold and silver.
G.S.—New California Co. Gold and silver.
G.S.C.—Orrin Thurber. Hawley Gardner mine. Gold, silver and copper. Shaft, 800 ft. Refractory and free ore. Steam.

BALDWIN, Gunnison Co. Pop. 78. Ry. 251. Banking town Gunnison.
B.Coal—Andrew Johnson.

BALFOUR, Park Co. M.O. Ry. Hartsel, 31.
Gold—Golden Ridge Mining Co., 258 Washington st., Boston, Mass. Copper King mine. Shaft, 135 ft. Refractory ore. 210 days; 8 employes. Steam. Allen Baxter, mine supt. (Developing.)

BARRY, El Paso Co. P.O. and ry. Anaconda, 307. Banking town Cripple Creek.
G.S.—W. A. Bray. Gold.
G.S.—Harry Cocking. Gold and silver.
G.S.—C. F. Curtis. Gold and silver.
Silver—Ford & Anderson. Silver.
Gold—Richard Houghton.
G.S.—S. T. Hunt Gold and silver.
G.S.—Geo. A. Jones. Gold and silver.
G.S.—Mary McKinney Mining Co. Gold and silver.
G.S.—T. S. Mayer. Gold and silver.
G.S.—W. G. Shearer. Gold and silver.
G.S.—H. P. Woodend. Gold and silver.
Gold—Francis Wright.

BASALT, Eagle Co. M.O. Tel. Ry. 207.
Stone—Peachblow Sandstone Co., Aspen. Sandstone. Steam.

BEAVER CREEK, Fremont Co. Ry. name Beaver, 249.
Lime—Thos. Kelso. Limestone and lime kilns.
Gold—J. C. Palmer.
G.S.—W. T. Payne. Gold and silver.
Stone—J. J. Smith. Limestone.
G.S.—G. H. Torp. Gold and silver.

BELLVUE, Larimer Co. M.O. Ry. 899.
Stone—American Redstone Co., 41 Tabor blk., Denver. Pleasant Valley quarry. Sandstone. 150,000 cu. ft.: 250 days. Stone mill 250 cu. ft. daily capacity. Steam.

BERLIN, Arapahoe Co. P.O. Denver. Ry. 206.
Stone—G. A. Bailey. Limestone.

BERTHOUD, Larimer Co. Pop. 228. M.O. Tel. Ry. 898.
G.S.—J. A. Davis. Gold and silver.
G.S.—J. E. Dudley. Gold and silver.
G.S.—A. W. Osborne. Gold and silver.
G.S.—B. B. Turner. Gold and silver.
G.S.—P. Turner. Gold and silver.

BLACKHAWK, Gilpin Co. Pop. 1,067. M.O. Tel. Ry. 898. Banking town Central City.
Gold—Bavarian Queen Mining Co.
G.S.—T. W. Bayand. Iron Cross mine. Gold and silver.
Milling—California Milling & Mining Co., Ltd., Central City, Colo. Hidden Treasure mill. Seventy-five stamps, 75 tons daily capacity. 300 days. Hon. W. J. Lewis, mill supt.
G.S.—Carr Mining Co. Gold and silver.
Gold—H. C. Collins.
Gold—Fisk Gold Mining Co.
G.S.—B. H. Koch. Gold and silver.
G.S.—Jno. & J. R. Meller. Gold and silver.
Stamp-M.—Randolph Mill Co. Henry R. Wolcott, pres.; Geo. E. Randolph, treas.; Geo. W. Mabee, gen. mgr. Stamp mill. Process, amalgamation. 50 stamps, 550 lbs. each. 300 days; 8 employes. Product gold.
Conc.—Rocky Mountain Milling Co., Central City. Mill. Concentrator. Gold and silver. 75 tons daily capacity. 300 days; 10 employes. Two boilers and Corliss engine. Steam.
G.S.—Rocky Mountain Mining & Milling Co. Gold and silver.
G.S.—Running Lode Mining & Milling Co., Denver. Running Lode mine. Gold and silver. Shaft and tunnels. 3,000 ft. Free and refractory ore. 300 days; 20 employes. Steam. Geo. L. Kimball, mine supt.
G.S.—Six Brothers Mining Co. Gold and silver.
G.S.—A. E. Stanton. Gold and silver.

BONANZA, Saguache Co. Pop. 96. M.O. Ry. Villa Grove, 249. Banking town Salida.
G.S.—Baldwin & Mockey. J. D. Baldwin, gen. mgr. Sasthenis mine. Gold and silver. Tunnel, 500 ft. (Developing.)
G.S.—Calliope Mining Co. Gold and silver.
Gold—Empress Josephine Mining Co.

BOULDER, Boulder Co. Pop. 3,350. M.O. Tel. Ry. 898.
Gold—Bestes Mining & Milling Co.
G.S.—Geo. Bogue. Gold and silver.
B.Coal—Boulder Coal & Fire Clay Co.
G.S.—Wesley Bramer. Gold and silver.
Stone—Henry Breach.
Gold—C. G. Buckingham.
Sm.W.—Chamberlain-Raymond & Co. Sampling.
Sm.W.—W. J. Chamberlain & Co. Sampling works.
G.S.—A. Cohen. Livingston mine. Gold and silver. Shaft, 130 ft. Refractory ore. 5,000 tons; 300 days. Steam.
Gold—P. Connoy.
G.S.—Mark Cummelford. Gold and silver.
G.S.—Chas. Davis. Gold and silver.
G.S.—Guy Fairhurst. Gold and silver.
Stone—G. W. Giggy.
B.Coal—Hankins, Hisky & Co.
Gold—Jas. Henderson.
Stone—W. Iredale. Sandstone.
G.S.—J. W. Irwin. Gold and silver.
Copp.—M. V. Johnson. Copper.
G.S.—Geo. Kennan. Gold and silver.
Smelt.—Kilton Gold Extraction Co., 703 People's Bank bldg., Denver. F. R. Byrns, metallurgist, supt.
Gold—J. D. Mason, 1231 Walnut st. Mine at Sunset.
Gold—Henry Meyering.
G.S.—Michigan Gold & Silver Mining Co. Amalgam Chief mine. Gold and silver. Refractory ore. 300 days; 6 employes.
Copp.—Mrs. Mary Miller. Copper.
G.S.—Geo. Mitchell. Gold and silver.
G.S.—H. Neikirk. Gold and silver.
Gold—Nellie Bly Gold Mining & Reduction Co., P.O. Box 661. Robert Seaman, pres.; H. R. Cassel, v. pres.; H. B. Haigh, secy.; J. H. Bagley, treas.; B. C. Hinman, gen. mgr. and buyer. Mine at Magnolia.
Copp.—J. W. Nicholson. Copper.
G.S.—W. H. Nicholson. Gold and silver.
Stone—T. R. Owen. Sandstone.
Gold—Phillips Placer Mining Co.
G.S.—Phillips & Wood. Gold and silver.
Gold—J. S. Pine.
B.Coal—Pine Shade Mining Co.
Gold—Pulzer Gold Mining & Milling Co.
Gold—Jno. T. Reid.
G.S.—Rock Island Gold Mining Co., 210 18th st. Rock Island, Ill. Senator Hill mine. Gold and silver. Tunnel. Shaft. Refractory ore. Steam.
Gold—J. Wells Smith.
Copp.—Chas. L. Spencer. Copper.
G.S.—Taylor & Jack. Gold and silver
G.S.—H. C. Thompson. Gold and silver.
Copp.—Dr. Ullan. Copper.
G.S.—P. J. Werley. Gold and silver.
Stone—Ed. Williams. Sandstone.
Stone—J. N. Williams. Red sandstone.
Silv.—G. R. Williamson. Silver.
G.S.—Jos. Yates. Gold and silver.

BRECKENRIDGE, Summit Co. Pop. 1,500. M.O. Tel. Ry. 251.
Gold—Arraria Gold Mining Co., Stock Exchange bldg., Denver. Arraria, Conclave, Pearl and Ontario mines. Shafts, tunnel and drifts.
G.S.—Bacon Mining Co. Gold and silver.
Gold—Blue Hill Mining & Milling Co.
G.S.—Boss Mine Mining Co. Gold and silver.
Gold—Breckenridge Mining & Milling Co.
Gold—Edward Carter. Mine at Dillon.
Gold—J. E. Christie.
Gold—Cincinnati and Colorado Gold Mining & Milling Co.
G.S.—E. W. Dee. Gold and silver.
Gold—Denvers, Forman & Co.
G.S.—C. A. Finding. Gold and silver.
G.S.—Governor's Mining Co. Gold and silver.
G.S.L.—A. G. Hoopes. Gold, silver and lead.
Gold—Juventa Mining Co.
G.S.—R. R. Kirk. Gold and silver.
Gold—Laurium Mining Co.
G.S.—Little Corporal Mining Co. Gold and silver.
G.S.—Jno. Mains. Gold and silver.
Gold—North Star Mountain Mining Co.
G.S.L.—Oro Mining & Milling Co. Gold, silver and lead.
Silver—Ouray Mining & Milling Co.
G.S.—Salt Lick Mining Co. Gold and silver.
G.S.L.—E. G. Stiles, 134 Main st. Main office 130 Dearborn st., Chicago. Old Tennessee mine. Gold, silver and lead. Tunnels, 300 ft. Galena ore; 4 cars per month; 4 employes. John H. Elston, mine supt.
Rebley Mine. Shafts, tunnels and drifts, 1,400 ft. Smelting ore. Total output, 3,000 tons.
Greenwood Mine. Shaft, 150 ft. Smelting ore. Whim. Leased to Wm. Noble and F. C. Cramer.
G.S.—Tamcomb Hill Mining Co. Gold and silver.

BUENA VISTA, Chaffee Co. Pop. 1,227. M.O. Tel. Ry. 207; 249; 251.
G.S.C.—Block & Co. Gold, silver, copper and lead.
G.S.L.—Cora Belle Mining Co. Gold, silver and lead.
G.S.—Crymbler & Co. Gold and silver.

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BUENA VISTA—Continued.
G.S.L.—Fredonia Consolidated Mining Co. Gold, silver and lead.
G.S.C.—P. Groves. Gold, silver, lead and copper.
G.S.C.—C. F. Landes. Gold, silver, lead and copper.
G.S.—C. A. Morse. Gold and silver.
S.L.—Mount Princeton Tunnel Co. Silver and lead.
Gold—Princeton Gold Mining & Milling Co., Colorado Springs. Placer and lode. Shaft, 100 ft. Free ore.
S.L.—Salvator Mining Co. Silver and lead.
Gold—Wilson Creek Consolidated Mining & Milling Co. A. J. Lauterman, pres.; J. M. Bonney, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.

CALHAN, El Paso Co. M.O. Tel. Ry. 177. Banking town Colorado Springs.
Min.P.—Samuel Monk, 309 Charles blk., Denver. Colorado Color mine. Open pit. Ochre.

CANFIELD, Boulder Co. Pop. 300. Ry. 899. Banking town Boulder.
B.Coal—M. Brennan.

CANON CITY, Fremont Co. Pop. 2,825. M.O. Tel. Ry. 31; 249.
Lead—American Zinc Lead Co.
Gold—F. L. Bartlett.
Marb.—Colorado Marble Co. Marble.
Silv.—Georgetown Improvement Co. J. C. Berry, pres.; Geo. Sivold, v. pres.; James Mattocks, secy.; Geo. Green, treas.; C. C. Smith, gen. mgr.; C. E. Shalden, buyer. Silver. Mine at Georgetown, N. Mex..
G.S.—Lawrence Milling & Mining Co. Gold and silver.
G.S.—Requa Gold & Silver Mining & Milling Co. Gold and silver.
G.S.—T. A. Reynolds. Gold and silver.
G.S.—George Sivold. Gold and silver. Mine at Georgetown, N. Mex.
Stone—Eugene Weston.

CARIBOU, Boulder Co. M.O. Banking town and Ry. Boulder, 898.
G.S.—Wm. Donald. Gold and silver.
G.S.—J. L. Lloyd. Gold and silver.
G.S.—Geo. A. Parluck. Gold and silver.
Silv.—Poorman Silver Mines of Colorado, Ltd. Denver. Thomas W. Goad, supt.
G.S.—Santa Ia Saria Mining Co. Gold and silver.

CASTLEROCK, Douglas Co. Pop. 315. M.O. Tel. Ry. 31; 249. Banking town Denver.
Stone—Castle Rock Stone Co., 1646 Arapahoe st., Denver, Colo. Lava stone, white and pink. Gasoline. Mill. S. T. Hathaway, quarry supt.

CENTRAL CITY, Gilpin Co. Pop. 2,480. M.O. Tel. Ry. 898.
Gold—Rover Gold Mining Co.
G.S.—Bates Hunter Mining Co. Gold and Silver.
G.S.—Bobtail Consolidated Mining Co. Gold and silver.
G.S.—Burrows Mining Co. Gold and silver.
Gold—California Milling & Mining Co., Ltd., St. George's House, Eastcheap, E. C., London, Eng. John A. M. Bonar, secy.; Arthur L. Collins, M. E., gen. mgr. Cap. stk. £75,000. Mill at Blackhawk and mine at Nevadaville.
G.S.—California Mining Co. Gold and silver.
G.S.—Cameron Mining Co. Gold and silver.
G.S.—Clay County Mining Co. Gold and silver.
Conc.—A. L. Collins. Concentrator.
G.S.—Cyclops Mining Co. Gold and silver.
Silver—L. E. Drake.
G.S.—English Kansas Mining Co. Gold and silver.
Gold—Fairmount Gold Mining Co., 10 Opera House blk., Denver. Fairmount gold mine. Tunnel, 3,000 ft. Refractory ore. 300 days; 10 employes.
Gold—Fisk Mining & Milling Co.
Gold—Free American Gold Mining Co., 1705 Arapahoe st., Denver. Free American mine. Shaft, 212 ft. Free and refractory ore. Steam. Fred A. Cox, mine supt.
Gold—Frontenac Mining Co.
Gold—Gaston Mining Co. Gaston mine. Shaft, 500 ft. Smelting ore. 600 tons; 300 days; 4 employes. Steam.
Gold—German Mining Co.
G.S.—Gold Collar Mining & Milling Co., 32 Patterson & Thomas blk., Denver. Hydrant No. 123 mine. Gold and silver. Two shafts, 100 ft. each. Free and refractory ore. 300 days; 10 employes. Whim.
G.S.—Golden Treasure Mining Co. Gold and silver.
Gold—Gunnell Mining Co.
Gold—Hidden Treasure Mining Co.
G.S.—G. W. Hill. Gold and silver.
G.S.—Hill Mining Co. Gold and silver.
G.S.—Hill Ranch Mining Co. Gold and silver.
G.S.—Hillhouse Mining Co. Gold and silver.
Gold—Hyndman Mining Co. Gold and silver.
G.S.—Justice Mining Co. Gold and silver.

CENTRAL CITY—Continued.
Gold—Kent County Mining Co.
G.S.—Geo. W. Mable. Gold and silver.
U.S.Sur.—Auguste Mathey, mining engineer. United States deputy mineral surveyor.
Gold—New California Co., Ltd.
Silver—New Colorado Silver Mining Co. A. L. Collins, gen. mgr. Mine at Silver Plume.
Gold—North Clear and Pine Creek Hydraulic Mining & Leasing Co.
Gold—Pine Creek Mining Co., Denver. Famous group. 6 shafts. (Developing.)
G.S.—Prize Mining Co. Gold and silver.
G.S.—Randolph Mining Co. Gold and silver.
G.S.—Rialto Mining Co. Gold and silver.
Mill.—Rocky Mountain Milling Co., Ltd. Arthur L. Collins, M. E., gen. mgr. Mill at Blackhawk.
G.S.—San Juan Mining Co. Gold and silver.
G.S.—Saratoga Mining Co. Gold and silver.
Gold—Saratoga and Cyclops Gold and Silver Mining Co. John Best, buyer. Saratoga mine. Lode, 700 ft. Smelting ore. 3,000 tons; 300 days; 20 employes. Steam.
G.S.—Topeka Mining Co. Gold and silver.
Gold—Yankee Hill Mining & Development Co.

CIMARRON, Montrose Co. M.O. Tel. Ry. 249. Banking town Montrose.
G.S.—J. Dickey. Gold and silver.

CLIMAX, Lake Co. Tel. Ry. 251.
G.S.—Patrick Dobbin. Gold and silver.
G.S.—Jos. Fischer. Gold and silver.
G.S.L.—G. C. Wortman. Gold, silver and lead.

COLORADO CITY, El Paso Co. Pop. 1,788. M.O. Tel. Ry. 207; 249.
Gold—Colfax Mining Co. Squire Pond, pres.; T. A. Wintermitz, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Colorado City and Manitou Prospecting & Mining Co., 422 Colorado ave.
Gold—Conservative Mining & Milling Co.
As.Min.—Giles Otis Pearce. Assayer and mineralogist. 708 Colorado ave.
Iron—Ute Pass Paint Co.

COLORADO SPRINGS, El Paso Co. Pop. 11,140. M.O. Tel. Ry. 31; 177; 207; 249; 898.
Gold—Addie E. Mining & Milling Co. E. J. Eaton, pres.; J. E. Rockwell, secy. Cap. stk. $1,250,000. Claims at Cripple Creek.
Gold—Aetna Gold Mining Co. F. C. Goudy, pres.; Charles R. Burger, secy. Cap. stk. $1,500,000. Claims at Cripple Creek.
Gold—Ajax Gold Mining Co., 6 N. Nevada ave. J. L. Sallee, pres. and gen. mgr.; Jas. E. McRay, v. pres.; R. A. Christy, secy.; E. A. Colburn, treas. Cap. stk. $1,000,000, pd. up. Claims at Victor.
Gold—Alamo Mining Co., 25 N. Tejon st. John W. Proudfit, pres. and gen. mgr.; C. E. Wandell, v. pres.; F. J. Hobbs, secy. and treas. Cap. stk. $1,000,000. Mines at Cripple Creek, Colo.
Gold—Albemarle Gold Mining & Milling Co. B. P. Anderson, pres.; W. H. Metz, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Alice Gray Gold Mining Co. R. T. Fahey, pres.; John Bridge, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Allen Gold Mining Co.
Gold—Alpha Gold Mining & Milling Co. Claims at Pemberton.
G.S.—Alpha Mining & Milling Co., 913 N. Wahsatch ave. Richard Irwin, pres. and gen. mgr.; Louisa V. Irwin, secy. Cap. stk. $500,000. Mine at Jimtown. Gold and silver.
Gold—Altamont Gold Mining Co. Wm. A. Otis, pres.; James C. Conner, secy. Cap. stk. $1,250,000. Claim at Cripple Creek.
Gold—Amarillo Gold Mining Co. F. G. Dovle. pres.: K. McMillan, secy. Cap. stk. $1,000,000. Claim at Cripple Creek.
Gold—Amazon Mining Co. J. F. Burns, pres.; F. G. Peck, secy. Cap. stk. $600,000. Claims at Cripple Creek.
Gold—American Consolidated Mining & Milling Co. John J. Cranmer, pres.; Naomi J. Altman, secy. Claims at Cripple Creek.
Gold—Anchoria-Leland Mining & Milling Co. Irving Howbert, pres.; C. W. Howbert, secy. Cap. stk. $600,000. Claims at Cripple Creek.
G.S.—Antlers Mining & Milling Co.
G.S.L.—Antlers Park Regent Mining Co. E. Barnett, pres.; L. H. Kimball, v. pres.; C. W. Martin, secy.; G. W. Lawrence, treas.; O. P. Poole, gen. mgr. Cap. stk. $2,250,000, pd. up. Mine at Bachelor, P. O. Teller, Box 154. Gold, silver and lead.
Gold—Aola Gold Mining Co. Herman Bruen, pres.; H. V. Wandell, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.

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COLORADO SPRINGS—Continued.
Gold—Apple Ellen Gold Mining Co. J. E. McIntire, pres.; J. Straughan Hall, secy. Cap. stk. $600,000. Claim at Cripple Creek.
Gold—Argus Gold Mining Co. Claims at Pemberton.
Atty.—S. M. Ashenfelter, attorney-at-law, cor. Pike's Peak and Nevada aves. P. O. Drawer 538. Graduate Dickinson College, Carlisle, Pa., class 1865. Mining, commercial and corporation law. Compiler of Colorado laws for the RECORD.
S.L.—Aspen Contact Mining Co. J. J. Hagerman, pres.; Francis T. Freeland, M. E., gen. mgr. and buyer. Mine at Lenado. Silver and lead.
Gold—Aspen United Mining & Milling Co.
Gold—Astor Gold Mining & Milling Co.
Gold—Atlanta Mining & Milling Co. W. J. Vickers, pres.; F. A. Morath, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Atlantic and Pacific Gold Mining & Milling Co. Frank Cotton, pres.; E. H. Hutchins, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
G.S.—Buena Vista Gold Mining Co., Gazette bldg. Gold and silver.
Gold—Badger Boy & Ivanhoe Mining Co.
G.Qsr.—Bandora Mining & Milling Co. Gold and quicksilver.
Gold—Bay State Gold Mining & Milling Co. John Williams, pres.; G. W. Logan, secy. Cap. stk. $1,250,000. Claims at Cripple Creek.
Gold—Beatrice Consolidated Mining Co.
Gold—Beaver Creek Mining & Milling Co.
Gold—Beele Mountain Gold Mining Co.
Gold—Big Diamond Mining & Milling Co.
Gold—Big Horn Gold Mining Co. Matthew Kennedy, pres.; H. V. Wandell, secy. Cap. stk. $1,250,000. Claims at Cripple Creek.
Gold—Big Pocket Mining & Milling Co.
G.S.—Bimetallic Mining & Milling Co. J. J. Hagerman, pres.; Francis T. Freeland, M. E., gen. mgr. and buyer. Mine at Lenado. Gold and silver.
Gold—Blackstone Gold Mining Co. H. Hutchinson, pres.; E. R. Whitmarsh, secy. Cap. stk. $500,000. Claims at Cripple Creek.
Gold—Black Wonder Gold Mining Co. J. N. Kimsey, pres.; G. M. Carter, secy. Cap. stk. $500,000. Claims at Cripple Creek.
Gold—Blue Belle Mining, Milling & Prospecting Co.
Gold—Bob Lee Gold Mining Co. H. S. Ervay, pres.; W. G. McCall, secy. Cap. stk. $1,200,000. Claims at Cripple Creek.
Gold—Bombay Gold Mining Co. A. A. Carnduff, pres.; H. H. Dorsey, secy. Cap. stk. $2,000,000. Claims at Cripple Creek.
Gold—Boston-Colorado Consolidated Gold Mining Co. Francis D. Pastorius, pres.; R. W. Griswold, secy. Cap. stk. $1,300,000. Claims at Cripple Creek.
Gold—Edward T. Bradford.
Gold—Brookvale Mining & Tramway Co.
Gold—Buckeye Gold Mining Co. A. T. Gunnell, pres.; E. S. Johnson, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Buckhorn Gold Mining Co. F. E. Robinson, pres.; F. P. Buck, secy. Cap. stk. $900,000. Claims at Cripple Creek.
Gold—Bull Hill Gold Mining & Tunnel Co. E. D. Lowe, pres.; J. M. Harden, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—C. O. D. Gold Mining Co. Charles L. Tutt, pres.; Spencer Penrose, secy. Cap. stk. $500,000. Claims at Cripple Creek.
Gold—Calumet Mining & Milling Co., 10½ Pike's Peak ave.
Gold—Carbonate Hill Gold Mining & Milling Co. Wm. Clark, pres.; C. H. Frowine, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Champagne Mining & Milling Co. E. M. Couch, pres.; C. L. Johnson, secy. Cap. stk, $1,250,000. Claims at Cripple Creek.
Gold—Charlevoix Gold Mining Co., 8 Exchange blk. W. H. Bacon, pres.; H. W. Hallett, v. pres., gen. mgr. and buyer; L. E. Sherman, secy.; Seth Baker, treas. Cap. stk. $1,000,000. Mine at Cripple Creek.
Gold—Chatham Mining & Milling Co.
Gold—Chimborazo Mining Co. John T. Voss, pres.; A. O. Downs, secy. Cap. stk. $1,250,000. Claims at Cripple Creek.
Gold—Clemmons & Weber.
G.S.—Cleopatra Mining Co. Gold and silver.
G.S.—H. Coletran. Gold and silver.
Gold—Colfax Mining Co.
Gold—Colorado City and Manitou Prospecting & Mining Co. A. Z. Sheldon, pres.; John M. Jackson, secy. Cap. stk. $2,000,000. Claims at Cripple Creek.
Stone—Colorado Stone Co. Sandstone.
Gold—Colorado and Utah Mining & Slate Co.
Gold—Columbine Gold Mining Co. Warren Woods, pres.; F. M. Woods, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Columbine Mining Co., 13 N. Tejon st.
Gold—Columbine Victor Deep Mining Gold Tunnel Co. Warren Woods, pres.; F. M. Woods, secy. Cap. stk. $2,000,000. Claims at Cripple Creek.

COLORADO SPRINGS—Continued.

Gold—Combination Gold Mining & Milling Co.
G.S.—Copper Mountain Gold Mining Co. J. K. Vanatta, pres.; M. C. Meek, secy. Cap. stk. $1,000,000. Claims at Cripple Creek. Gold and silver.
Gold—Creede and Cripple Creek Mining & Milling Co. S. R. Bartlett, pres.; Charles Farnsworth, secy. Cap. stk. $800,000. Claims at Cripple Creek.
Gold—Cripple Creek Consolidated Mining Co. H. S. Ervay, pres.; Horace H. Mitchell, secy. Cap. stk. $2,000,000. Claims at Cripple Creek.
Gold—Cripple Creek Gold Mining Co
Gold—Cripple Creek Gold Mining & Tunnel Co. A. G. Stith, pres.; D. H. McLelland, secy. Cap. stk. $2,000,000. Claim at Cripple Creek.
Gold—Cripple Creek and Victor Consolidated Mining & Development Co.
Gold—Croesus Gold Mining & Tunnel Co. William P. Bonbright, pres.; J. Arthur Connell, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Currency Mining Co. William A. Otis, pres.; J. C. Connor, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Cut Diamond Mining & Milling Co.
Gold—Danford & Potter.
Gold—Dante Gold Mining Co. Sylvester Johnson, pres.; Ira P. Trickey, secy. Cap. stk., $1,250,000. Claim at Cripple Creek.
Gold—Defender Gold Mining Co. Edwin Arkell, pres.; R. H. Loper, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Del Coronado Gold Mining Co. G. B. Bish, pres.; L. R. Decker, secy. Cap. stk., $900,000. Claims at Cripple Creek.
Gold—Del Monte Mining & Milling Co.
Gold—Des Moines Gold Mining Co. Dr. B. B. Grover, pres.; Robert Waugh, secy.; Robt. Gale, treas. Cap. stk., $500,000, pd. up. Claim at Altman.
Gold—Dold Mining & Milling Co., 1002 N. Corona st. O. L. Benton, pres.; C. B. Gunn, secy., treas. and gen. mgr.; C. W. Parshall, buyer. Cap. stk., $1,000,000. Mines at Cripple Creek and Grassy.
Gold—Double Eagle Mining Co., Bank bldg.
Lava—Douglas Lava Co.
Gold—Eagle Gold Mining Co.
G.S.—Economic Mine & Reduction Co. Gold and silver.
Gold—Edina Mining & Milling Co.
Gold—El Dorado Gold Mining & Milling Co. W. H. McIntire, pres.; J. F. Maybury, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Eldridge-Comstock Gold Mining Co.
Gold—Elkton Mining & Milling Co., 14 El Paso blk. George Bernard, pres. and gen. mgr.; Wm. S. Jackson, v. pres.; J. H. Avery, secy. and treas.; Wm. Bainbridge, buyer and supt. Cap. stk., $500,000, pd. up. Mine at Elkton.
G.S.—Ella C. Mining & Milling Co. Gold and silver.
Gold—El Paso Gold Mining Co. George Bernard, pres.; S. S. Bernard, secy. Cap. stk., $650,000. Claims at Cripple Creek.
Gold—Emma Aimee Gold Mining Co. E. W. Case, pres.; Will J. Mathews, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Enterprise Mining & Land Co., 119 E. Kiowa st. A. M. Ripley, pres.; F. C. Day, v. pres.; J. A. Wright, secy., treas. and buyer; Francis Wright, gen. mgr. Cap. stk., $800,000, pd. up. Mine at Anaconda, Colo.
Gold—Ernestine Gold Mining Co.
Gold—Eureka Gold Mining Co. G. M. Carter, pres.; H. A. Young, secy. Cap. stk., $750,000. Claims at Cripple Creek.
G.S.—Expert Mining Co. Gold and silver.
Gold—Fannie B Mining & Milling Co. John Williams, pres.; G. A. Y. Reeds, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Favorite Gold Mining Co., Hagerman bldg. H. K. Devereux, pres.; J. W. Miller, v. pres.; J. K. Miller, secy. and treas.; W. L. Clark, gen. mgr. Cap stk., $1,200,000, pd. up. Mine at Cripple Creek.
Gold—Florence E. Mining Co.
Cop.—E. Frankinberry, 25 N. Tejon. Copper.
Gold—Franklin Gold Mining Co. W. L. Cook, pres.; S. B. Dickens, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Free Coinage Gold Mining Co., 115 N. Tejon.
Gold—Gault Mining & Milling Co. Wm. Clark, pres.; W. A. Davis, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Gilt Edge Mining, Leasing & Bonding Co. Reuben Berry, pres.; J. K. Brunner, secy. Cap. stk., $750,000. Claims at Cripple Creek.
Gold—J. B. Glassor.
Gold—Gold Crater Mining Co. W. S. Stratton, pres.; H. C. McCreery, secy. Cap. stk., $500,000. Claims at Cripple Creek.
Gold—Gold Dyke Mining Co.
G.S.—Gold Geiser Mining Co., Bank bldg. Gold and silver.
Gold—Gold Hill Bonanza Co. B. F. Crowell, pres.; J. F. Burns, v. pres.; Frank G. Peck, secy. and buyer; J. A. Hayes, treas.; John Harmon, M. E., gen. mgr. Cap. stk., $1,000,000, pd. up. Mine at Cripple Creek.

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COLORADO SPRINGS—Continued.

Gold—Gold King Mining Co. E. A. Colburn, pres.; C. H. Dudley, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Gold Sovereign Mining & Tunnel Co. Henry Le B. Wills, pres.; Godfrey Kissel, secy. Cap. stk., $3,000,000. Claims at Cripple Creek.
Gold—Gold & Globe Hill Mining Co. S. R. McKinnie, pres.; W. H. Gowdy, secy. Cap. stk., $750,000. Claims at Cripple Creek.
Gold—Golden Age Gold Mining Co. H. E. Insley, pres.; H. H. Dorsey, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Golden Dale Mining & Milling Co. F. H. Pettingell, pres.; A. B. Noxon, secy. Cap. stk., $2,000,000. Claim at Cripple Creek.
Gold—Golden Eagle Mining & Milling Co.
Gold—Golden Fleece Placer Mining Co. Henry B. Hayden, pres.; H. W. Foster, secy. Cap. stk., $150,000. Claims at Cripple Creek.
Gold—Golden Galleon Mining Co. Arthur A. Carnduff, pres.; J. Arthur Connell, secy. Cap. stk., $1,200,000. Claims at Cripple Creek.
Gold—Golden Link Mining, Leasing & Bonding Co. A. L. Lawton, pres.; J. H. Thedinga, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Goldstone Gold Mining Co. Seth Baker, pres.; J. Straughan Hall, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Good Hope Gold Mining Co. G. E. Lindley, pres.; W. H. Coffin, Jr., secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Gould Mining & Milling Co. J. H. Gardner, pres.; L. A. Keys, v. pres.; E. M. Purdy, secy.; L. C. Weyand, treas.; D. Weyand, gen. mgr. and buyer. Cap. stk., $1,000,000, pd. up. Mine at Cripple Creek.
B.Coal—Grand River Coal & Coke Co.
Gold—Granite Hill Mining & Milling Co. L. H. Gowdy, pres.; J. P. Madden, secy. Cap. stk., $720,000. Claims at Cripple Creek.
Gold—Grouse Mountain Mining & Milling Co. E. Barnett, pres.; P. C. Dockstader, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Gunnison Consolidated Gold Mining & Milling Co.
Gold—Hallett & Hamburg Gold Mining Co. C. J. Hallett, pres.; Seth Baker, secy. Cap. stk., $200,000. Claim at Cripple Creek.
Gold—Harvard Gold Mining & Milling Co. Charles H. Ashton, pres.; J. C. Brainwood, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Henrietta Gold Mining Co. S. N. Nye, pres.; Phil. S. Delaney, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Hercules Gold Mining & Milling Co., 11 Midland blk. S. S. Hatfield, pres.; W. W. Wood, v. pres. and treas.; F. M. Keeth, secy. and buyer; H. R. Van Meter, gen. mgr. Cap. stk., $500,000. Mine at Elkton.
Gold—Home Run Gold Mining Co., Hagerman bldg.
Gold—Homestake Gold Mining & Milling Co. P.O. Box 414. T. G. Horn, pres.; C. E. Richards, secy.; Thomas Tribe, gen. mgr. and buyer. Cap. stk., $750,000. Mine at Grassy.
Gold—Ida May Gold Mining Co. J. A. Hayes, pres.; J. G. Shields, secy. Cap. stk., $500,000. Claims at Cripple Creek.
Gold—Ingham Consolidated Mining Co. Mines at Cripple Creek.
Gold—Iron Mask Gold Mining Co. J. M. Hardin, pres.; L. L. Johnson, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Isabella Gold Mining Co. J. J. Hagerman, pres.; Percy Hagerman, v. pres. and treas.; A. S. Goetz, secy.; Francis T. Freeland, M. E., gen. mgr. and buyer. Cap. stk., $2,250,000. Mine at Altman.
Gold—Isadore Gold Mining Co. H. Enfiajian, pres.; Q. E. Hicks, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—F. W. Isham. Gold and silver.
Gold—Ivanhoe Mining & Milling Co. Thos. A. McMorris, pres.; Walter C. Frost, secy. Cap. stk., $600,000. Claims at Cripple Creek.
G.S.—Jack Pot Mining Co. F. W. Anderson, pres.; S. W. Morrison, secy. and gen. mgr. Cap. stk., $125,000, pd. up. Jack Pot, Gettysburg and other claims at Cripple Creek. Gold and silver.
G.S.—Jeff Davis Mining Co. Gold and silver.
Gold—Kaffirs Gold Mining Co.
Gold—Katherine Gold Mining Co.
Gold—Keystone Mining & Milling Co. J. T. Voss, pres.; Geo. O. Talpey, secy. Cap. stk., $1,500,000. Claims at Cripple Creek.
Gold—Ladessa Gold Mining & Milling Co. Charles Neuer, pres.; F. P. Buck, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Lake Shore Gold Mining Co.
G.S.—E. Lawrence Mining Co. Gold and silver.
Gold—Lemhi Placer Mining Co.
Gold—Lena Gold Mining & Milling Co.
Gold—E. Leslie Keeley Mining Co.
Gold—Lillie Gold Mining Co.

COLORADO SPRINGS—Continued.

Gold—Little Earl Gold Mining Co., 16 Midland blk. M. S. Rafield, pres.; P. H. Allison, secy.; J. E. Blair, treas. Cap. stk., $1,250,000. Claim at Victor.
Gold—Little Joan Mining & Milling Co. H. P. Lillibridge, pres.; W. S. Reynolds, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—Little Maud Mining Co. Gold and silver.
Gold—Long Lead Mining & Tunnel Co. H. S. Ervay, pres.; George M. Irvine, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Lorain Gold Mining Co.
Gold—Lottie Gibson Mining & Milling Co. F. E. Robinson, pres.; J. Arthur Connell, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—McKinley Mining Co. Gold and silver.
Gold—Maggie Reeves Gold Mining Co. William Clark, pres.; J. H. Gorman, secy. Cap. stk., $1,500,000. Claims at Cripple Creek.
Gold—Magna Charta Mining & Milling Co. C. B. Seldomridge, pres.; A. J. Smith, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—Mammon Gold Mining Co. Gold and silver.
Gold—Manchester Gold Mining Co. John Newman, pres.; William Wicks, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Manhattan Cons. Gold Mining Co. J. A. Newsome, pres.; A. C. Niesh, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Manitou Mining & Milling Co.
Gold—Marguerite Consolidated Mining Co. W. H. Goshen, pres.; John T. McCombs, secy. Cap. stk., $500,000. Claims at Cripple Creek.
Gold—Maria A. Gold Mining Co. J. R. McKinnie, pres.; O. H. Shoup, secy. Cap. stk., $1,250,000. Claim at Cripple Creek.
Gold—Marion Gold Mining Co. C. E. Noble, pres.; J. Arthur Connell, secy. Cap. stk., $1,500,000. Claims at Cripple Creek.
Gold—Matoa Gold Mining Co. H. P. Lillibridge, pres. and gen. mgr.; E. F. Smith, v. pres. and treas.; W. S. Reynolds, secy. Cap. stk., $1,000,000, pd. up. Mine at Cripple Creek.
Gold—Matt France Mining & Milling Co. J. K. Miller, pres.; W. W. Williamson, secy. Cap. stk., $900,000. Claim at Cripple Creek.
Gold—Mayflower Gold Mining Co. H. P. Lillibridge, pres.; E. F. Smith, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Memphis Prospecting & Mining Co. Dr. J. J. Shuler, pres.; H. W. Foster, secy. Cap. stk., $100,000. Claims at Cripple Creek.
Stone—Orlando Metcalf.
Gold—Midland Gold Mining Co.
Silv.—Mineral Farm Cons. Mining Co. J. J. Hagerman, pres.; Francis T. Freeland, M. E., gen. mgr. and buyer. Cap. stk., $3,000,000. Silver mine at Aspen.
Gold—Mohawk Gold Mining Co. J. A. Newsome, pres.; R. C. Greene, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Mohican Gold Mining Co.
G.S.—Mollie Eppert Mining & Milling Co. Gold and silver.
Gold—Monarch Gold Mining & Milling Co. J. P. McMillen, pres.; F. M. Young, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Monte Rico Gold Mining Co. A. T. Gunnell, pres.; J. S. Tucker, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Montevideo Mining & Milling Co. E. E. Woolheater, pres.; H. H. Jones, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Monument Treasure Mining & Milling Co.
Gold—Moon-Anchor Gold Mining Co., 28 S. Tejon st. J. R. McKinnie, pres. and gen. mgr.; Verner Z. Reed, v. pres. and treas.; Oliver H. Shoup, secy. Cap. stk., $600,000, pd. up. Mine at Cripple Creek.
Gold—Moose Gold Mining Co. Ward Hunt, pres.; John P. Hunt, secy. Cap. stk., $600,000. Claims at Cripple Creek.
Gold—Mound Rock Gold Mining Co.
Gold—Mount Beauty Gold Mining Co.
Gold—Mount Esther Mining & Milling Co. E. P. Bumstead, pres.; W. A. Davis, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Mt. Rosa Mining, Milling & Land Co. L. E. Sherman, pres.; B. K. Walker, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Mountain Beauty Gold Mining Co. H. K. Devereux, pres.; J. M. Parker, secy. Cap. stk., $2,000,000. Claims at Cripple Creek.
Gold—Mutual Mining & Milling Co. J. R. McKinnie, pres.; C. W. Fairley, secy. Cap. stk., $500,000. Claims at Cripple Creek.
G.S.—Myrtle Mining Co. Gold and silver.
Gold—Napoleon Gold Mining Co. William A. Otis, pres.; Godfrey Kissel, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—New Haven Gold Mining Co. George E. Lindley, pres.; H. M. Blackmer, secy. Cap. stk., $1,500,000. Claim at Cripple Creek.
Gold—New Year Gold Mining & Milling Co.

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COLORADO SPRINGS—Continued.

Gold—New York Tunnel & Mining Co. John Bridge, pres.; J. J. McCarthy, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Niagara Gold Mining Co. W. G. Frazer, pres.; Chas. R. Burger, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Nipple Mountain Gold Mining Co. William Clark, pres.; Fred. F. Horn, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Nuggett Mining & Milling Co. George L. Keener, pres.; M. S. Herring, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—Old Kentucky Mining Co., 16 Midland blk. Matthew Kennedy, pres.; Fred. F. Horn, v. pres.; P. H. Allison, secy. L. E. Sherman, treas. Cap. stk., $1,000,000. Mine at Creede. Gold and silver.
Gold—Ontario Gold Mining & Milling Co. F. W. Strong, pres.; R. R. Latta, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
G.S.—Ophir Mining Co., 9 N. Tejon. Gold and silver.
Gold—Ophir Mining & Milling Co. J. K. Fical, pres.; E. F. Welles, secy. Cap. stk., $700,000. Claims at Cripple Creek.
Gold—Orinoco Mining Co.
Gold—Oriole Gold Mining Co.
Gold—Oro Grande Mining & Milling Co. J. M. Riley, pres.; H. T. McDill, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Orphan Bell Mining & Milling Co. T. S. Hunter, pres.; D. H. Imler, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Oxford Gold Mining & Milling Co. Chas. H. Ashton, pres.; J. B. Brainwood, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Park View Mining & Milling Co.
Gold—Pharmacist Mining Co. A. D. Jones, pres.; H. P. Lilliburger, v. pres.; F. H. Pettingell, M. E., secy., gen. mgr. and buyer; A. Hemenway, treas. Cap. stk., $1,200,000, pd. up. Mine at Cripple Creek.
G.S.—Pluto Mining Co. Gold and silver.
G.S.—Pony Express Mining Co. Gold and silver.
G.S.—Poland Mining Co. Gold and silver.
Gold—Portland Gold Mining Co. J. F. Burns, pres., gen. mgr. and buyer; John Harnan, v. pres.; James Doyle, secy. and treas. Cap. stk., $3,000,000, pd. up. Mine at Victor.
Gold—Pottsdam Gold Mining Co. C. F. Kjellander, pres.; R. C. Greene, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Poverty Gulch Gold Mining Co. H. K. Devereux, pres.; Henry C. Hull, secy. Cap. stk., $3,000,000. Claims at Cripple Creek.
Gold—Prince D'Jalma Gold Mining Co., 14-15 Midland blk.
Gold—Princess Eulalia Gold Mining Co. F. F. Frisbee, pres.; S. I. Altman, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Princess Gold Mining Co. Charles H. Dudley, pres.; Ira P. Trickey, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Princeton Gold Mining & Milling Co. G. W. Logan, pres.; J. H. Graham, v. pres. and gen. mgr.; Thomas Tribe, secy. and treas. Cap. stk., $2,500,000. Mine at Buena Vista.
Gold—Proposition Gold Mining Co. Henry Russell Wray, pres.; H. Hutchinson, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Provident Gold Mining Co.
Gold—Railway Cond. Mining & Milling Co.
Gold—Railway Postal Clerks' Mining & Milling Co. R. H. Magee, pres.; George Meldrum, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Ramona Mining & Milling Co. E. S. Johnson, pres.; J. B. Harvey, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Raven Gold Mining Co. E. M. De La Vergne, pres.; Charles E. Noble, secy. Cap. stk., $1,500,000. Claims at Cripple Creek.
Gold—Rebecca Gold Mining Co., Ltd. H. R. Lounsbery, pres.; G. Louis Boissevain, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Red Mountain Cora Bell Mining Co.
Gold—Red Umbrella Gold Mining Co. H. P. Lillibridge, pres.; W. S. Reynolds, secy. Cap. stk., $500,000. Claim at Cripple Creek.
Gold—Republic Gold Mining Co. Wm. M. Banning, pres.; Chas. Merrick, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Rex Gold Mining & Milling Co. A. M. Selfridge, pres.; W. A. Davis, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—Rock Glen Town & Mining Co. Gold and silver.
Gold—Rock Island Gold Mining & Milling Co.
Silver—Rocky Mountain Mining & Investment Co.
Gold—Rubicon Gold Mining Co., 112 E. Pikes Peak ave. O. C. Townsend, pres.; E. S. Woolley, v. pres.; H. V. Wandell, secy. and treas. Claim at Cripple Creek.
G.S.—Ruby King Mining Co., Bank bldg. Gold and silver.

COLORADO SPRINGS—Continued.

Gold—Ruth D. Mining Co. Sam'l. H. Kinsley, pres.; F. A. Mangold, secy. Cap. stk., $100,000. Claims at Cripple Creek.
Gold—Ruth-Esther Mining Co. W. Metz, pres.; D. P. Sill, v. pres.; C. L. Zobrist, secy.; J. T. Estill, treas.; R. B. Maxwell, gen. mgr.; T. J. Downer, buyer. Cap. stk., $1,250,000. Claim at Victor.
Gold—Sacramento Gold Mining & Milling Co. J. T. Voss, pres.; Sherwood Aldrich, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Saddle Mtn. Gold Mg. Co., 16 Midland blk. G. W. Logan, pres.; P. H. Allison, secy. and treas. Cap. stk., $1,250,000. Claims at Victor.
Gold—St. Louis and Cripple Creek Mining & Tunnel Co. Frank G. Peck, pres.; C. W. Kurie, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Santa Fe Gold Mining Co. H. S. Hawks, pres.; T. C. Delany, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Savanah Gold Mining Co. Dr. B. B. Grover, pres.; Ike Brunner, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Scotia Mining & Milling Co.
Gold—Security Gold Mining Co. J. A. Sill, pres.; H. H. Dorsey, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—Shasta Mining, Milling & Prospecting Co., 24½ No. Tejon st. D. Mitchell, pres.; L. E. Sherman, v. pres.; W. W. Williamson, secy., treas., gen. mgr. and buyer. Cap. stk., $1,250,000, pd. up. Mines at Cripple Creek.
Gold—Silver State Mining & Milling Co. M. S. Rafield, pres.; P. H. Allison, secy. Cap. stk., $700,000. Claims at Cripple Creek.
Gold—Silver Gold Mining Co. A. A. Carnduff, pres.; W. H. Coffin, Jr., secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
C.E.—Edward S. Snell, civil engineer. U. S. deputy mineral surveyor.
F.Clay—Socorro Fire Clay Co.
Gold—Specimen Gold Mining & Milling Co. Thos. H. Edsall, pres.; Clarence Edsall, secy. Cap. stk., $1,200,000. Claim at Cripple Creek.
G.S.—Spring Creek Mining Co. Gold and silver.
Gold—Standard Mining & Land Co. J. A. Vorhees, pres.; W. W. Williamson, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Star of the West Mining & Milling Co. C. H. White, pres.; C. A. Ralston, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Stone—Steward Stucco Cement Co.
G.S.—Sunny Bell Mining & Milling Co. Gold and silver.
Gold—Sylvania Gold Mining Co.
Gold—Sylvanite Gold Mining Co. H. V. Wandell, pres.; A. J. Smith, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
G.S.—T. F. T. Mining & Milling Co. Gold and silver.
G.S.—Taylor Park Mining Co. Gold and silver.
Gold—Telegraphers' Cons. Gold Mining & Tunnel Co. F. H. Woomer, pres.; J. P. Smith, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—Temonj Mining & Milling Co., 630 N. Nevada ave. H. S. Vaughn, pres.; T. E. Merit, v. pres.; C. N. Thompson, secy.; E. W. Cox, treas.; J. M. Osburn, gen. mgr. Cap. stk., $1,000,000, pd. up. Mine at Cripple Creek. Gold and silver.
Gold—Tokalon Gold Mining Co. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Townsite Gold Mining Co.
Gold—Trachyte Gold Mining & Milling Co. Walter C. Frost, pres.; W. E. Smiley, secy. Cap. stk., $1,500,000. Claim at Cripple Creek.
Gold—Trail Run Gold Mining Co.
Gold—Uncle Sam Mining & Milling Co. J. W. Augden, pres.; K. McDermid, secy. Cap. stk., $750,000. Claims at Cripple Creek.
Gold—Union Gold Mining Co. E. S. Johnson, pres.; C. H. Morse, secy. Cap. stk., $1,200,000. Claims at Cripple Creek.
Gold—Union Pacific Mining & Milling Co. A. M. Ripley, pres.; W. G. McCall, secy. Cap. stk., $1,000,000. Claim at Cripple Creek.
Coal—United Ice & Coal Co.
Gold—Unity Gold Mining Co. Harry L. Fagin, pres.; Phil. S. Delany, secy. Cap. stk., $1,250,000. Claim at Cripple Creek.
Gold—Victor Mines & Land Co. Warren Woods, pres.; F. M. Woods, secy. Cap. stk., $600,000. Claims at Cripple Creek.
Gold—Virginia M. Consolidated Mining Co. C. E. Noble, pres.; A. W. Conacher, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—Virginia Mining & Milling Co., Hagerman bldg. Gold and silver.
Gold—Walter Gold Mining Co., 14 El Paso blk. Job A. Cooper, pres.; George Bernard, v. pres. and gen. mgr.; S. S. Bernard, secy. and treas. Cap. stk., $500,000, pd. up. Mine at Elkton.
G.S.—Washington Mining Co. Gold and silver.
B.Coal—Western Coal Co.

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COLORADO SPRINGS—Continued.

Gold—Western Union Gold Mining Co. Sidney R. Bartlett, pres.; Louis C. Hall, secy. Cap. stk., $2,000,000. Claims at Cripple Creek.
Gold—Wheel of Fortune Gold Mining Co. William Clark, pres.; Fred. F. Horn, secy. Cap. stk., $1,500,000. Claims at Cripple Creek.
G.S.—White Crow Gold Mining Co. Gold and silver.
Gold—Work Mining & Milling Co. Irving W. Bonbright, pres.; J. Arthur Connell, secy. Cap. stk., $1,250,000. Claims at Cripple Creek.
Gold—World Mining & Milling Co. E. S. Johnson, pres.; J. B. Harvey, secy. Cap. stk., $1,500,000. Claims at Cripple Creek.
Gold—Wright & Marshall.
G.S.—Wyatt Mining Co. Gold and silver.
Gold—Yule Creek Marble & Mining Co.
Gold—Zenobia Gold Mining Co. J. J. Hagerman, pres.; W. E. Newberry, v. pres. and gen. mgr.; Percy Hagerman, secy. and treas. Cap. stk. $150,000, pd. up. Claim at Altman.

COMO, Park Co. Pop. 374. M.O. Tel. Ry. 251. Banking town Alma.
G.S.—J. M. Link. Gold and silver.
G.S.—Oliver & Martin. Gold and silver.
Gold—Lelon Peabody. Gold and silver.
Gold—Peabody & Foot.
Gold—Reed & Jarvis. Gold and silver.

CORTEZ, Montezuma Co. Pop. 332. M.O. Ry. Dolores, 736. Banking town Durango.
G.S.—A. Barrett. Gold and silver.
Stone—Peter Baxtrom.
G.S.—J. Billingsley. Gold and silver.
G.S.—S. Briley. Gold and silver.
Coal—Thos. Coppenger.
G.S.—W. E. Crane. Gold and silver.
G.S.—Jas. W. Hanna. Gold and silver.
B.Coal—Samuel J. Houser.
B.Coal—J. H. McCracken.
B.Coal—James Morris. 5-ft. vein. Opened 1895.
B.Coal—G. W. Taylor.
G.S.—J. B. Thomas. Gold and silver.
G.S.—A. L. Thompson. Gold and silver.

COTTONWOOD, Gilpin Co. P.O. Forks Creek. Ry. 898.
Gold—Elizabeth Mining Co.
Gold—Free Gold Mining Co.
Gold—Missouri Mining Co.
G.S.—Swiss Boy Mining Co. Gold and silver.

COTTONWOOD SPRINGS, Chaffee Co. Ry. Buena Vista, 207; 249; 251.
G.S.—Black Bros. Gold and silver.
G.S.—A. M. Denney.
G.S.—Fox Bros. Gold and silver.
G.S.—A. M. Morse. Gold and silver.
G.S.—Raspberry Mining Co. Gold and silver.

CRAIG, Routt Co. M.O. Ry. Rifle, 31; 249.
B.Coal—Geo. Givens.
B.Coal—Taylor Bros.
B.Coal—Geo. Walker.

CREEDE, Mineral Co. M.O. Tel. Ry. 249.
G.S.L.—Amethyst Mining Co., Cheeseman blk., Denver. Amethyst mine. Gold, silver and lead. Shaft, 1,100 ft. Refractory ore. 24,000 tons; 300 days; 70 employes. Steam. L. E. Campbell, mine supt.
G.S.—Camp Bird Mining Co. Gold and silver.
G.S.—Commodore Tunnel Co. Gold and silver.
G.S.—Corsair Mining Co. Gold and silver.
G.S.—E. H. Crawford. Gold and silver.
G.L.Z.—Creede Leasing & Mining Co., 421 Ernest & Cranmer bldg., Denver. Solomon mine. Shaft, 82 ft. Tunnel, 400 ft. Gold, lead and zinc. Free and concentrating ore. 7,200 tons; 300 days; 30 employes. One 75-ton mill. Steam. Harry Allenby, mine supt.
M.E.—Dietrick & Mitchell, mining engineers. United States deputy mineral surveyors.
G.S.—Happy Thought Mining Co. Gold and silver.
Gold—Kentucky Belle Mining Co.
Gold—Messenger Mining & Milling Co.
Silver—Nelson Tunnel & Mining Co. Silver.
G.S.—Old Kentucky Mining Co., 16 Midland blk., Colorado Springs. Champion Lode mine. Shaft, 50 ft. Tunnel, 50 ft. Gold and silver. Refractory ore.
Gold—Park Regent Consolidated Mining Co.
G.S.—E. M. Ray. Gold and silver.
G.S.—Rosengarten Bros. Gold and silver.
G.S.—Solomon Mining Co. Gold and silver.
G.S.—United Mines Co. Gold and silver.

CRESTED BUTTE, Gunnison Co. Pop. 857. M.O. Tel. Ry. 249.
G.S.—Eureka Mining Co. Gold and silver.
G.S.—Irwin Milling & Power Co., Irwin. Gold and silver.

CRESTONE, Saguache Co. Pop. 36. Ry. Mirage, 249. Banking town Saguache.
Gold—Kunkel Bros. Gold.
G.S.—Spar Mining Co. Gold and silver.
G.S.—Von Moltke Mining Co. Gold and silver.

CRIPPLE CREEK, El Paso Co. Pop. 9,000. M.O. Tel. Ry. 307; 526.
G.S.—Acanda Mining & Milling Co. Gold and silver.
Gold—Addie C. Mining Co., Denver. Addie C., and half each Charles and Harry claims.
Gold—Addie E. Mining & Milling Co., Colorado Springs. Hill Top, Big Chief and Little Chief claims.
Gold—Aetna Gold Mining Co., Colorado Springs. Bourse, Ethel H., Marguerite, Oro Fino, Brazos, Mariposa, Moonshiner, Overland, Old Year, New Year, Black Hawk and Red Cloud claims.
Gold—Alamo Mining Co., 25 Tejon st., Colorado Springs. White Elephant, Fraction No. 1, Little Huckleberry and Happy Day mines. Shaft, 200 ft. Tunnel, 175 ft. (Developing.)
Gold—Albemarle Gold Mining & Milling Co., Colorado Springs. Black Walnut, Amazon and Clover Leaf claims.
Gold—Alice Gray Gold Mining Co., Colorado Springs. Five claims on Straub Mountain.
Gold—Alliance Gold Mining Co., Pueblo. One-half Gold King claim.
Gold—Alpha Gold Mining Co. Denver. Alpha claim.
Gold—Alpha Tunnel & Gold Mining Co. Amos W. Downing, pres.; Wm. H. Damon, secy. Transfer office, 15 Court Square, Boston, Mass. Cap. stk., $2,000,000. Alpha claim. Tunnel.
Gold—Altamont Gold Mining Co., Colorado Springs. Hill Top, Hill Top Nos. 2 and 3, Sarah Bell and Lawrence Worden claims.
Gold—Amarillo Gold Mining Co., Colorado Springs. Amarillo, Texas, Dinkey and Annie K. claims.
Gold—Amazon Mining Co., Colorado Springs. Providence, Confidence and Colorado City claims.
Gold—American Consolidated Mining & Milling Co., Colorado Springs. Bessie Y., Black Diamond, Orbit, Gracie Darling, Prospect, Last Stake and Nellie Bly claims.
Gold—Anaconda Extension Gold Mining Co., Denver. Fairview claim.
Gold—Anaconda Gold Mining Co., Denver. Anaconda, Superior, Grand View, Excelsior, Rustler, Puffer, Grover Cleveland, Oro Fino, Lone Star, Lone Star Nos. 1, 2 and 3, Kittie M., Little Mac No. 2, Free Milling, No Name, Ivy Wild, Napoleon, Sarah B. and Two Fractions claims. Tunnel, 2,000 ft.
Gold—Anchor Gold Mining & Milling Co., Pueblo. Maggie, Edith May, Consul, Doctor and Virginia claims.
Gold—Anchoria-Leland Mining & Milling Co., Colorado Springs. Anchor, Anchor No. 2, Lillian Leland, Midland, Conundrum, Chance, First National, Cotton Tail and City View claims.
Gold—Annie Gold Mining Co. Chas. L. Tutt, pres.; Spencer Penrose, secy. Cap. stk., $500,000. Annie claim.
Gold—Aola Gold Mining Co., Colorado Springs. Something Good and Gold Cup claims.
Gold—Apple Ellen Gold Mining Co., Colorado Springs. Apple Ellen No. 2 claim.
Gold—Arcacia Gold Mining Co.
Gold—Arvilla Tunnel & Mining Co., Denver. Cactus, Clionian, Little Ella, Minnie and Lee claims.
Gold—Atlanta Mining & Milling Co., Colorado Springs. Final Success, White Fawn, American Girl, Union and Keokuk claims.
Gold—Atlantic & Pacific Gold Mining & Milling Co., Colorado Springs. Lilly, Little Prince and Surprise claims.
Gold—Bankers' Gold Mining & Milling Co., Denver. Grouse, Shertioff and one-half of Star of Bethlehem claims.
Gold—Basil Duke Mining & Milling Co. J. B. Hutchins, pres.; Warren Weaver, secy. Four claims near Rhyolite Mt. Shaft, 50 ft. Tunnel, 30 ft.
Gold—Bay State Gold Mining & Milling Co., Colorado Springs. Aspen, Gillette and Delfina Nos. 1 and 2 claims.
Gold—Beacon Gold Mining Co.
St.Mill—Beaver Creek Stamp Mill.
Gold—D. T. R. Bell.
Gold—Ben Hur Mining & Milling Co. J. R. McKinnie, pres.; F. H. Pettingell, secy. Cap. stk. $900,000. Optimus, Little King, Queen, Tejon, Enterprise, Bon Ton, Minnie H. and Moss Back claims.
G.C.—Big Four Copper & Gold Mining Co.
Gold—Big Horn Gold Mining Co., Colorado Springs. Big Horn, Bovine, Amavit, Gilt Edge and Bald Eagle claims.
Gold—Blackstone Gold Mining Co., Colorado Springs. Jamie placer, Cog Road, Last Shot and Peak View claims.
Gold—Black Wonder Gold Mining Co., Colorado Springs. Black Wonder and Black Wonder No. 2 claims.
G.S.—Blue Bell Mining Co. Gold and silver.
Gold—Bob Lee Gold Mining Co., Colorado Springs. Bob

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CRIPPLE CREEK—Continued.

Lee, Little Joe, Solitaire, Little Eva, Widow, Belle of the West and Golden Eagle claims.
Gold—Bombay Gold Mining Co., Colorado Springs. Oneida Chief, H. D. S., Two Strike, Amelia, Julia Castle, Whistle, Badger and Gold Reserve claims.
Gold—Bonanza Cripple Creek Gold Mining Co., 1364 Monadnock bldg., Chicago. Garland, Violet, Maria, Bourgogne and Fourth of July claims. Deepest shaft, 96 ft.
Gold—Bonanza King Gold Mining & Milling Co., P.O. Box 602. J. C. Manchester, pres.; H. E. G. Soabye, v. pres. and treas.; M. J. Burgdorf, secy. and gen. mgr. Cap. stk. $700,000, pd. up. Bonanza King No. 1 and No. 2 mines. Shafts. Refractory ore. 8 employes.
Gold—Boston-Colorado Consolidated Gold Mining Co., Colorado Springs. Midland, Climax, Anna B., First Chance, Boston, Polaris No. 3, Bandero, Medina and Gold Belt claims.
Gold—Boston & Cripple Creek Gold Mining Co., 31 State st., Boston, Mass. Free and refractory ore.
G.S.—C. A. Bower. Gold and silver.
G.S.—Brewster Bros., Gold and silver.
Red.Wks.—Brodie Gold Reduction Works. George McLeod, treas.; Bertram Hunt, gen. mgr. Mill. 18,200 tons; 30 employes. Steam.
Gold—Broken Hill Gold Mining Co. Maggie mine. Shaft, 200 ft. 300 days. F. H. Pettingell, M. E., mine supt.
Gold—Brother Jonathan Mining Co.
Gold—Buckeye Gold Mining Co., Colorado Springs. Hidden Treasure and Whale claims.
Gold—Buckhorn Gold Mining Co., Colorado Springs. Last Chance, Cheyenne, Grass, Combination, Mule, Whippoorwill, Jeannette and John Wolfe claims.
Gold—Bull Hill Gold Mining Co., Aspen. Little Dan, Ogden and Traction claims.
Gold—Bull Hill Gold Mining & Tunnel Co., Colorado Springs. Shakespeare, Great West, M. E. Coxey and Saddle Mountain claims.
Gold—Bull Hill Gold Tunnel Co., Denver. Tunnel, 700 ft.
Gold—C. K. & N. Mining Co.
Gold—C. O. D. Gold Mining Co., Colorado Springs. Rosario, Mollie Noble, Vindicator, C. O. D. No. 2, Berkley and My Choice claims.
Gold—Carbonate Hill Gold Mining & Milling Co., Colorado Springs. Royal Nibs, Iron Springs, New Years, T. & P. and Hustler claims.
Gold—Carrie S. Gold Mining Co., Council Bluffs, Iowa. Pactolus, Pactolus Nos. 2, 3, 4 and 5, Midas No. 2, Liberty, Old Dominion Nos. 1 and 2 and James River claims.
Gold—Champagne Mining & Milling Co., Colorado Springs. Deadwoods Nos. 1, 2, 3 and 4 claims.
Gold—Charlevoix Gold Mining Co., 8 Exchange blk., Colorado Springs. Springfield, S. K., O. B. D. and Emma Hill mines. Shaft, 100 ft. Refractory ore.
Gold—Chicago-Cripple Creek Gold Mining Co., Pueblo. Four claims on Globe Hill. Tunnel, 1,000 ft.
Gold—Chimborazo Mining Co., Colorado Springs. First Chance, California, Leland Stanford, Ellis, Whistler, Concord and two other claims. Deepest shaft, 35 ft.
Gold—Cobb and McKinnie.
Gold—Colfax Mining Co., Colorado City. Mammoth, Buffalo, Elk, Antelope, Blacktail, Moose, Twenty Seven, Jno. R. Wot, Caribou, Harry Owen and Deer claims.
Gold—Colorado City and Manitou Prospecting & Mining Co., Colorado City. Iron King, Little Ella, Red Rock, Genoa, Frank Lee, M. W. S., Little Allie, Two Earls, Good Luck, Tom Patterson, Buckhorn No. 2, Jeannette and Little Maggie claims.
Gold—Columbine Gold Mining Co., Colorado Springs. Panther, Panther No. 2, Requa Monarch, Monte Cristo, Lady Emma and Florissant claims.
Gold—Columbine Victor Deep Mining Gold Tunnel Co., Colorado Springs. M. K. & T., May B., Brunette, Zitella, Windy, Little Maggie, Rose Bud, Ethel, Newmarket, Bonanza, Thanksgiving, Hartford, Deadwood, Mt. Rosa No. 2, New Year, Daphne Adoro, Junietta, Dorothy, Hattie M., Clemma E., Kate W., Columbine Nos. 1 and 2 and Columbine Victor Tunnel claims.
G.S.—Copper Mountain Gold Mining Co., Colorado Springs. Minnesota, Anna C., Lost Lillie, Bill Nye and Arctic claims. Gold and silver.
Gold—Creede and Cripple Creek Mining & Milling Co., Colorado Springs. Little Mary, Ocean Wave and Hillside claims.
Gold—Cripple Creek Bullion Gold Mining Co., 4th and Eaton sts. C. D. Wood, pres.; S. M. Perry, v. pres., treas. and gen. mgr.; W. L. Clark, secy. and buyer. Cap. stk. $1,500,000. Kansas City, J. C. S. M. P., Panorama and Hub claims. Refractory ore.
Gold—Cripple Creek Consolidated Mining Co., Colorado Springs. Geneva, Dead Horse, May Queen, Colorado Boss Nos. 1, 2 and 3, Alpine, Viola, Andrews,

CRIPPLE CREEK—Continued.

American Girl, one-half Aeneid, Little Montana and For Florence claims.
Gold—Cripple Creek Gold Exploration Co., Council Bluffs, Iowa. Claim of 140 acres at foot of Squaw and Battle Mountains.
Gold—Cripple Creek Gold Milling Co., Denver. World's Fair placer claim. Forty-stamp mill.
Gold—Cripple Creek Gold Mining & Developing Co.
Gold—Cripple Creek Gold Mining & Tunnel Co., Colorado Springs. Tenderfoot Hill claims.
Gold—Croesus Gold Mining & Tunnel Co., Colorado Springs. Sunset, Lone Pine, Little Chief, Mocking Bird, Silent Parrot, Esmeralda Nos. 1, 2, 3 and 4, Diamond Joe and Croesus Tunnel claims.
Gold—Currency Mining Co., Colorado Springs. Fairfax, one-half Index, Amy, Hale, Holmes, Printer, Benton, Amity, Engineer, Modoc, Phoenix and York claims.
Gold—Damon Gold Mining Co., P.O. Box 736. H. L. Sheperd, pres.; S. H. Higgins, v. pres. and gen. mgr.; J. M. Hawkins, secy., treas. and buyer. Cap. stk. $1,000,000, pd. up. Maud S., Hardwood and other mines. Shafts, 300 ft. Refractory ore.
Gold—Dante Gold Mining Co., Colorado Springs. Sylvester Johnson, pres.; V. Z. Reed, v. pres.; I. P. Trickey, secy. Dante claim, 10 acres. Shaft, 150 ft. Three acres of claim only operated. Remainder leased.
Gold—Deerhorn Mining Co.
Gold—Defender Gold Mining Co., Colorado Springs. Defender, Broadmore, Cascade, Mandolin and Parquet claims.
Gold—Del Coronado Gold Mining Co., Colorado Springs. Lulo and Rock Island claims.
Gold—Denver and Cripple Creek Mining Co., 1640 Curtis st., Denver. City of Paris and 5 other claims. Shaft, 90 ft. Free ore. 300 days; 2 employes. Leased and bonded to other parties for $50,000 until Oct., 1896.
G.S.—M. A. Dickinson. Gold and silver.
Gold—Dictator Gold Mining Co., 209-210 Mining Exchange, Denver. Grey Eagle, Stella A. and Mountain Peak claims. Incline shaft. Also hold under $10,000 bond and lease the Lucky Jimmy claim. (Developing.)
Gold—Dold Mining & Milling Co., 1002 N. Corona st., Colorado Springs. Spg. Gulch, Great Eastern and Mt. Forest mines. Shafts, 55 and 75 ft. Tunnel, 54 ft. Free ore. 275 days; 3 employes. Whim. J. J. O'Connor, mine supt.
Gold—Easter Bell Gold Mining & Milling Co.
Gold—Eclipse Development Co., Pueblo. Eclipse claim.
Gold—Eclipse Mining & Milling Co., Denver. Rarick, Aricular, Sunshine, Bertha C., Mabel L., Loretta, Little Pearl and Quartz Placer claims.
Gold—Edwin Booth Gold Mining Co., Denver. Hale, Holmes, Adelaide, Alta, Lucetta and Edith May claims.
Gold—El Dorado Gold Mining & Milling Co., Colorado Springs. El Dorado and Cripple Creek placer claims.
Gold—Electric Tramway & Tunnel Co. C. M. Rice, pres.; Owen Prentiss, secy. Cap. stk. $1,200,000. Fleming, Freeport and Electric-Tramway claims. Tunnel, 460 ft.
Gold—El Paso Gold Mining Co., Colorado Springs. Orizaba Nos. 1 and 2 claims.
Gold—Emma Aimee Gold Mining Co., Colorado Springs. Emma Aimee and Leora V. claims.
Gold—Estelline Gold Mining Co., Denver. Estelline claim.
Gold—Eureka Gold Mining Co., Colorado Springs. Northwestern, Kaolinite, Early Bird, Little Giant and Best Friend claims.
Gold—Fannie B. Mining & Milling Co., Colorado Springs. Fannie B. claim.
Gold—Favorite Gold Mining Co., Hagerman bldg., Colorado Springs. Favorite mine. 3 shafts, 75 ft. each. Refractory ore. 300 days; 8 employes.
G.S.—Fowler & Work.
Gold—Franklin Gold Mining Co., Colorado Springs. Franklin, Gorilla and A. C. Gillam claims.
Gold—Francis T. Freeland.
Gold—Frisco & Cripple Creek Gold Mining Co. J. M. Parker, pres.; E. N. Bennett, secy. Cap. stk. $1,500,000. Darlington, Midnight, Anne G. and Bed Rock claims.
Gold—J. W. Furrow.
Gold—Garfield-Grouse Gold Mining Co., Denver. Part of Garfield and Grouse claims. Shaft, 150 ft. Tunnel, 150 ft.
Gold—Gault Mining & Milling Co., Colorado Springs. Alta, Golden Eagle, Bovine and Totem claims.
Gold—Gilt Edge Mining, Leasing & Bonding Co., Colorado Springs. One-half Badger Boy and Mud Hen claims.
Gold—Gladstone Mining Co.
Gold—A. M. Gladys Co.
Gold—Globe Gold Mining Co.
Gold—Gold Crater Mining Co., Colorado Springs. Globe, Lady Stith, Close Shave, Deerhorn, Deerhorn No. 2, Pride of the Rockies and Callie claims.
Gold—Gold Geyser Mining & Milling Co.
Gold—Gold Hill Bonanza Co., Colorado Springs. Bonanza King mine.

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CRIPPLE CREEK—Continued.

Gold—Gold King Mining Co., Colorado Springs. El Paso, Stop Short, E. C. L. & F. and Lookout claims.
Gold—Gold Mining, Leasing, Bonding & Tunnel Co.
Gold—Gold Rock Mining Co.
Gold—Gold Sovereign Mining & Tunnel Co., Colorado Springs. Gold Sovereign and J. G. Blaine claims. Tunnel, 200 ft.
Gold—Gold Standard Mining & Milling Co.
Gold—Gold Standard Mining & Tunneling Co., Colorado Springs. North Star, Mt. Monarch, Freshwater and Gold Standard claims. Tunnel, 950 ft.
Gold—Gold & Globe Hill Mining Co., Colorado Springs. New Moon, half Gold King, Iron King and Contact claims. Steam.
Gold—Golden Age Gold Mining Co., Colorado Springs. Little Daisy, Dolphin and Sylvanite claims.
Gold—Golden Dale Mining & Milling Co., Colorado Springs. Alsa R. claims.
Gold—Golden Fleece Placer Mining Co., Colorado Springs. Maggie, White Wing, Tarryall and Emma May claims. Placers.
Gold—Golden Galleon Mining Co., Colorado Springs. Hosea P., Lost Chord, Fly Dot, Nightingale, North Cascade and Kinsale claims.
Gold—Golden Link Mining, Leasing & Bonding Co., Colorado Springs. Allen Thurman, Crystal Hill, Cream, one quarter Jessie H., Living Picture, Magna Charta, Annex and Quartzite claims.
Gold—Golden Ridge Mining Co., 258 Washington st., Boston, Mass. Boston, Providence, Worcester, O. K., Lowell, Newport and Springfield mines. Shafts and drifts, 20 to 186 ft. Refractory ore. 300 days; 12 employes. Steam. Allen Baxter, mine supt. (Developing.)
Gold—Goldstone Gold Mining Co., Colorado Springs. Guess, Dolphna, Ben Franklin, Baby and Hillside claims.
Gold—Good Hope Gold Mining Co., Colorado Springs. Good Hope and Jasper claims.
Gold—Gould Mining & Milling Co., Colorado Springs. Nil Desperandum, Rhinoceros, Jennie Sample, Kitty Lane and Gold Dollar mines. Shafts and tunnel, 1,000 ft. Free ore. Horse whim.
Gold—Granite Hill Mining & Milling Co., Colorado Springs. Granite Hill, Chicago Girl and Oro claims.
Gold—Great Republic Gold Mining Co.
G.S.—Greater Gold Belt Mining Co. Gold and silver.
Gold—Greenwood & Taylor. Mine at Victor.
Gold—Grotto Gold Mining Co., Manitou. Grotto claim. Shaft, 90 ft. Refractory ore.
Gold—Grouse Mountain Mining & Milling Co., Colorado Springs. Antlers, Elk, Arva May, Maggie C. and Earl claims.
Gold—Guarantee Gold Mining & Investment Co. W. B. Wright, pres.; F. E. Huggins, v. pres.; J. M. Roseberry, secy. and buyer; J. D. George, treas. Cap. stk. $1,500,000. Own 15 claims in Cripple Creek mining district. (Developing.)
Gold—Hallett & Hamburg Gold Mining Co., Colorado Springs. Hallett and Hamburg claim. Shaft, 55 ft.
G.S.—L. G. Halley. Gold and silver.
Gold—Harvard Gold Mining & Milling Co., Colorado Springs. Insight, Surething, Proctor, Baby Blanchard and Tumbledown claims.
Gold—Henrietta Gold Mining Co., Colorado Springs. B. H. Bryant, Midland and Hagerman claims.
Gold—Hermosa Gold Mining Co. C. G. Greenwood, pres. and treas.; W. J. Chambers, v. pres.; W. W. Kirby, secy. Cap. stk. $1,500,000. Hermosa, '93, First Chance, Lone Pine and Success claims. Shafts, tunnels and drifts.
G.S.—Peter Hettig. Gold and silver.
Gold—Hinkley & Co.
Gold—Humboldt Gold & Silver Mining & Milling Co., W. Brown Pullin, pres.; D. A. Castleman, v. pres.; N. S. Davis, secy.; D. G. Stevens, treas. Cap. stk. $1,000,000. Grouse and Humboldt mines. Shafts, 70 ft. and tunnel. Refractory ore. (Developing.)
Gold—Ida May Gold Mining Co., Colorado Springs. Ida May, Little Clara and Mountain Girl claims.
Gold—Illinois Gold Mining & Milling Co., 209-10 Mining Exchange, Denver. Shaft and tunnel. (Developing.)
Gold—Ingham Consolidated Mining Co., Colorado Springs. Ingham and Mattie D. mines. Two shafts, 255 and 100 ft. Refractory ore. 2,500 tons; 300 days; 25 employes. Steam. Thos. Waddleton, mine supt.
Gold—Iron Mask Gold Mining Co., Colorado Springs. Red Jacket, Iron Mask and Iron Dollar claims.
Gold—Isadore Gold Mining Co., Colorado Springs. Willie and Helen claims.
Gold—Ivanhoe Mining & Milling Co., Colorado Springs. Ivanhoe, Badger Boy and Westerly claims. Shaft, 125 ft. Tunnel, 150 ft.
G.S.—Jack Pot Mining Co. Gold and Silver. (See Colorado Springs.)
Gold—Jefferson Mining Co., Denver. Mattie L. mine. Shaft, 250 ft.
Gold—N. O. Johnson Mining Co.
Gold—Charles Keith.
Gold—Keystone Mining & Milling Co., Colorado Springs. Alfalfa, Penny, Sitting Bull, Cripple Creek, Paine,

CRIPPLE CREEK—Continued.

Nameless, Nancy Hanks, Victoria No. 2, Big Snow, Gladstone and Pride of the Hills claims. Deepest shaft, 60 ft.

Gold—King Solomon Tunnel & Mining Co. Thomas A. Edwards, pres.; W. H. Damond, secy. Cap. stk. $2,000,000. Tunnel and tunnel site under Globe Hill.

Gold—Ladessa Gold Mining & Milling Co., Colorado Springs. Butcher Boy, Nameless, Gold Bug, Free Silver, Aida May, Hole in the Ground and First Lode claims.

C.M.E.—William H. Leffingwell, civil and mining engineer. First National Bank bldg.

Gold—Lincoln Boy Mining & Tunneling Co., Denver. Lincoln Boy, Lincoln Boy No. 2, D. & R. G. Nos. 1 and 2, Senate, Hardscrabble, Katie, Hattie S., Guess, Anchor No. 2, Morning Glory, Morning Glory No. 4 and Ida B. claims.

Gold—Little Alice Gold Mining Co. John J. Grier, pres.; J. M. Parker, v. pres. and treas.; J. Maurice Finn, secy.; Smith E. Stevens, gen. mgr. Cap. stk. $1,000,000. Claims at Gillett.

Gold—Little Joan Mining & Milling Co., Colorado Springs. Apex and Little Rosa claims. Deepest shaft, 185 ft.

Gold—London Gold Mining & Leasing Co., Colorado Springs. Surprise, Bessie Y. and four other claims.

Gold—Long Lead Mining & Tunnel Co., Colorado Springs. Abraham Lincoln, Excelsior, Gold Eagle, Galileo, Hercules and Little Cliff claims.

Gold—Lottie Gibson Mining & Milling Co., Colorado Springs. Jim Blaine, Guy Fawkes, Gunpowder Plot, Annie B., Lena and Last Chance claims.

G.S.—J. C. McCoy. Gold and silver.

Gold—Maggie Reeves Gold Mining Co., Colorado Springs Ed. Wolcott, Greentop, B. & M., Missouri Boy and Yankee claims. Deepest shaft, 90 ft.

Gold—Magna Charta Mining & Milling Co., Colorado Springs. Magna Charta, Annex, Quartzite and North Star Placer claims.

Gold—Manchester Gold Mining Co., Colorado Springs. Mayflower, Golden Gate and Maud claims.

Gold—Manhattan Consolidated Gold Mining Co., Colorado Springs. Captain Wertz and Spruce Tree Nos. 1, 2 and 3 claims.

Gold—Marguerite Consolidated Mining Co., Colorado Springs. Marguerite, Big Mule, May and Stray Horse claims.

Gold—Maria A. Gold Mining Co., Colorado Springs. Maria A. claim.

Gold—Marion Gold Mining Co., Colorado Springs. Marion and Carolyn claims. Shaft, 60 ft. Tunnel, 40 ft.

Gold—Matoa Gold Mining Co., Colorado Springs. Six shafts and 1 tunnel. Refractory ore. 300 days; 30 employes.

Gold—Matt France Mining & Milling Co., Colorado Springs. Black Hawk claim.

Gold—Mayflower Gold Mining Co., Colorado Springs. Mayflower, Ute, Highland Chief and Beaver Springs Placer Nos. 1 and 2 claims.

Gold—Memphis Prospecting & Mining Co., Colorado Springs. Glasgow, Lexington, Jay Jay, Louisa Belle, Evlyn, Clara, Little Susie, Colfax Placer, Shuler Placer, Honduras, Denmark and Eagle Bird claims.

M.E.—W. B. Milliken. Mining engineer. 315 Bennett ave. U. S. deputy mineral surveyor.

Gold—Mineral Rock Mining & Milling Co., Colorado Springs. Mineral Rock claim.

Gold—Mohawk Gold Mining Co., Colorado Springs. Blue Ledge Nos. 1 and 2 and Agnes Nos. 1 and 2 claims.

Gold—Mollie Kathleen Mining Co.

Gold—Monarch Gold Mining & Milling Co., Colorado Springs. Minnehaha, Monarch, North Star, Silver State and Brown Leggings claims. Deepest shaft, 100 ft.

Gold—Monte Rico Gold Mining Co., Colorado Springs. Jim Fisk, A. M. F., W. S. A., Sheridan, Phonolyte, Hidden Treasure, Vaughn, J. Henry and Bently claims.

Gold—Montevideo Mining & Milling Co., Colorado Springs. O. Molley, Jim Corbett, Charley Shay, Montevideo, Charley Mitchell and Bertha claims. Deepest shaft, 70 ft.

Gold—Moon-Anchor Gold Mining Co., 28 S. Tejon st., Colorado Springs. New Moon claim. Shafts. W. P. Cobb, mine supt.

Gold—Moose Gold Mining Co., Colorado Springs. Moose and Ben Harrison claims. Shaft, 650 ft.

Gold—Mount Esther Mining & Milling Co., Colorado Springs. Red School House, School Boy, School Master and School Girl claims.

Gold—Mt. Rosa Mining, Milling & Land Co., Colorado Springs. Adams, Gold Coin, Mt. Rosa, Rosa Lee and Mt. Rosa Placer claims. Deepest shaft, 230 ft.

Gold—Mountain Beauty Gold Mining Co., Colorado Springs. Mountain Beauty, Sunnyside, Independence, Luck Sure and Christmas Bell claims. Deepest shaft, 60 ft.

Gold—John Mullen.

Gold—James Murray.

Gold—Mutual Mining & Milling Co., Colorado Springs.

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CRIPPLE CREEK—Continued.

New Discovery, Mineral Hill, Independence and Mollie Gibson claims.

Gold—Napoleon Gold Mining Co., Colorado Springs. May Brewen and White and Blue claims. Now owned by the Kaffirs Gold Mining Co.

G.S.—National Mining, Tunnel & Land Co. Gold and silver.

Gold—New Haven Gold Mining Co., Colorado Springs. Eclipse claim. Shaft, 120 ft.

Gold—New York Mining & Milling Co., Denver. Jack G., Little Nellie and Wellington claims. Shaft, 102 ft. Tunnel, 600 ft.

Gold—New York Tunnel & Mining Co., Colorado Springs. Lucky B. claim and New York tunnel and tunnel site, 1,020 ft.

Gold—Niagara Gold Mining Co., Colorado Springs. Maggie and Blanche claims.

Gold—Nugget Mining & Milling Co., Colorado Springs. Manhattan, Iron King Nos. 1 and 2, Alice, Francis, Maryette and Lehigh claims.

Gold—Nugget Mining & Milling Co., Colorado Springs. Katherine, Elizabeth Cooper and Chas. B. claims. Main shaft, 415 ft.

Gold—Ontario Gold Mining & Milling Co., Colorado Springs. Sierra Rosetta, Fordham, Yellow Boy and Buck claims.

Gold—Ophir Mining & Milling Co., Colorado Springs. Carbonate Queen and Dead Pine claims. Main shaft, 200 ft. Tunnel, 200 ft.

Gold—Oriole Gold Mining Co. Thos. H. Edsall, pres.; Clarence Edsall, secy. Cap. stk. $1,250,000. Oriole, Daisy, Capitol Hill, Allegheny and Pearl Cecil claims.

Gold—Oro Grande Mining & Milling Co., Colorado Springs. Summit, Blackfoot, Belle Union and Burdee claims. Assessment work.

Gold—Orphan Bell Mining & Milling Co., Colorado Springs. Orphan Nos. 1 and 2, Ida Bell Nos. 1 and 2 and Phoenix claims.

Gold—Our Gold Mining Co.

Gold—Oxford Gold Mining & Milling Co., Colorado Springs. B. Hawley, L. Mountz, 900 Fine, Dolly Taylor and Dr. Dunn claims.

Gold—People's Mining & Milling Co., Denver. Bogart, Gold Leaf, Sunrise, Morning Light and Camp Bird claims. Shaft, 230 ft.

Gold—Peruvian Gold Mining Co.

Gold—Pharmacist Mining Co., Colorado Springs. Pharmacist mine. Shaft, 550 ft. Free and refractory ore. 50,000 tons; 300 days; 30 employes. Steam.

Gold—Plymouth Rock Mining Co. E. C. Hight, pres.; H. L. Shepperd, secy. Cap. stk. $1,000,000. Plymouth Rock Nos. 1 and 2, High Five, Log Cabin, World's Fair and Little Grace claims.

Gold—Portland No. 2 Mining Co.

Gold—Pottsdam Gold Mining Co., Colorado Springs. Clinker, Red Warrior, Black Bear, Pinion and Parrot claims.

Gold—Poverty Gulch Gold Mining Co., Colorado Springs. Jim Blaine, Tam O'Shanter and Eagle claims.

Gold—Princess Eulalia Gold Mining Co., Colorado Springs. Monitor, Virginia, Great Eastern and Yellow Jacket claims. Shaft, 80 ft.

Gold—Princess Gold Mining Co., Colorado Springs. Mollie Bell, Little Mildred and Gray Eagle claims.

Gold—Proposition Gold Mining Co., Colorado Springs. Elk Run Extension Nos. 1 and 2 claims.

Gold—Railway Postal Clerks' Mining & Milling Co., Colorado Springs. Lorena, Alsace, Divide, Mollie Eppert, Peep of Day, Amanda and Bonner claims.

Gold—Ramona Mining & Milling Co., Colorado Springs. Lizzie S., Phoenix, Inez A. and Ramona claims.

Gold—Raven Gold Mining Co., Colorado Springs Raven, Snowy Range, Princess E., Maid of Erin and Gregory claims. Tunnels, 1,100 and 1,400 ft.

Gold—Rebecca Gold Mining Co., Ltd., Colorado Springs. Rebecca and C. O. D. claims. Shaft.

Gold—Red Cloud Gold Mining Co., Denver. Nevada, Black Cat, Camperdown and Yorkton claims.

Gold—Red Umbrella Gold Mining Co., Colorado Springs. Red Umbrella claim. Shafts, 220, 130 and 50 ft.

Gold—Reno Mining & Milling Co., Denver. Reno, Bon Ton, Pet and T. E. Merrit mines. Shaft, 65 ft. Tunnel, 150 ft. Smelting ore. J. M. Osburn, mine supt.

Gold—Republic Gold Mining Co., Colorado Springs. J. I. C., Janet W., Sweepstakes, Laura M. and Lester W. claims.

Gold—Rex Gold Mining & Milling Co., Colorado Springs. L. D., Hortense, John Sutter and Spokane claims.

G.S.—J. W. Ridgeway. Gold and silver.

Gold—Ross & Hurd Tunnel & Tunnel Site Co., 203 2nd st. Thomas Ross, pres.; Jno. B. Sauve, v. pres.; Frank G. Mitchell, secy.; Burton Hurd, treas. Cap. stk. $2,000,000. Tunnel. Free and smelting ore.

Gold—Ruth D. Mining Co., Colorado Springs. Yankee Jack, Great Bonanza and Junietta claims.

Gold—Sacramento Gold Mining & Milling Co., Colorado Springs. Sacramento, Midnight and Last Chance claims. Three shafts, deepest, 95 ft.

CRIPPLE CREEK—Continued.

Gold—St. Louis and Cripple Creek Mining & Tunnel Co., Colorado Springs. Succor, Kurie and Taylor and Brown tunnel and tunnel site claims.
Gold—Sangre de Cristo Tunnel Mining Co.
Gold—Santa Fe Gold Mining Co., Colorado Springs. E. A. H., Paul Revere, Elna M., Midas, Everett and Gold Medal Placer claims.
Gold—Savvanah Gold Mining Co., Colorado Springs. Bennett T., Bright Morning, Little Eddy and Jno. Knox claims. Deepest shaft, 53 ft.
Gold—Security Gold Mining Co., Colorado Springs. Virginius, Hidden Treasure, Greenwood. Greenwood No. 1 and McKinley claims.
Gold—Sentinel Gold Mining Co. Gov. C. W. Baxter, pres.; M. J. McNamara, v. pres.; J. W. Moore, secy.; E. E. Shepherd, treas. Cap. stk. $1,250,000. Valley View, Little Gold Bug, Fairview, Golconda and Stanley claims. Shafts. (Developing.)
Gold—Seven Hills Gold Mining Co.
Gold—Shasta Mining, Milling & Prospecting Co., 24½ N. Tejon st., Colorado Springs. Joe Johnson mine. Slope, 50 ft. Mary Anderson, Ashby and Donna mines. Three shafts, 90 ft. Tunnel.
Gold—Shurtloff Mining Co.
Gold—Silver State Mining & Milling Co., Colorado Springs. Monday, Modoc, Alice E. and ten other claims.
M.E.—Edward Skewes, mining engineer, Main st.
Gold—Silver Gold Mining Co., Colorado Springs. Gold Mine and Silver claims. Shaft, 40 ft.
Gold—Specimen Gold Mining & Milling Co., Colorado Springs. Specimen claim. Main shaft, 175 ft.
Gold—Squaw Mountain Tunnel Gold Mining & Drainage Co. C. G. Greenwood, pres., treas., gen. mgr. and buyer; H. W. Buskett, v. pres.; R. W. Morse, secy. Cap. stk. $2,000,000, $1,200,000 pd. up. E. B. Tunnel, 3,000 ft. Refractory ore. Steam and air compressor. Chas. W. Fore, mine supt. Commenced shipping ore Oct., 1895.
Gold—Standard Mining & Land Co., Colorado Springs. Door Key, Morning Star, Malta, McCumber and Bangor claims, 5 shafts, 1 tunnel, 200 ft. (Developing.)
Gold—Star of the West Mining & Milling Co., Colorado Springs. Star of the West and Elkhorn claims. Shaft, 60 ft.
G.S.—W. P. Stratton. Gold and silver.
Gold—Straub Mountain Gold Mining & Tunneling Co., Denver. Baldwin & Evans claims, also Baldwin & Evans tunnel and tunnel site.
Gold—Strong Mining Co.
St.M.—Summit Stamp Mill.
Gold—Sylvanite Gold Mining Co., Colorado Springs. Shaft, 60 ft.
Gold—Telegraphers' Consolidated Gold Mining & Tunnel Co., Colorado Springs. Telegraphers' tunnel and tunnel site, and Operators' tunnel and tunnel site.
G.S.—Temonj Mining & Milling Co., 630 N. Nevada ave., Colorado Springs. Temonj, Clayton, Baby McKee and Home Fraction mines. Shafts and tunnels. Steam. (Developing.)
Gold—Tenderfoot Hill Tunnel Gold Mining & Milling Co. R. H. Palmer, pres.; Clarence A. Miller, secy. Cap. stk. $2,000,000. Tunnel, 500 ft.
Gold—Thompson Mining Co., 205 Mining Exchange bldg., Denver. Thompson mine. Shaft, 225 ft. Steam.
Gold—Tokalon Gold Mining Co., Colorado Springs. Blue Bird, Tokalon Nos. 1 and 2, Chicago and Evening Star claims.
Gold—Trachyte Gold Mining & Milling Co., Colorado Springs. Trachyte claim. Shaft, 120 ft. Tunnel, 100 ft.
Gold—Twin Sisters Gold Mining Co., Colorado Springs. Twin Sisters Nos. 1 and 2 and Sentinel claims.
Gold—Uncle Sam Mining & Milling Co., Colorado Springs. Alta and Little Leota claims.
Gold—Union Gold Mining Co., Colorado Springs. Pike's Peak, Orpha May Nos. 1 and 2, Delmonico and Solid Muldoon claims. Three deepest shafts, 335, 320 and 255 ft.
Gold—Union Pacific Mining & Milling Co., Colorado Springs. Claim on Grouse Mountain.
Gold—Unity Gold Mining Co., Colorado Springs.
Gold—Victor Gold Mining Co., Tabor blk., Denver, Colo. Shaft. Refractory ore. 6,000 tons; 120 employes.
Gold—Victor Mines & Land Co., Colorado Springs. Part of Blue Stocking and Pitkin claims.
Gold—Vindicator Mining Co., Denver. Parts of Vindicator and C. O. D. No. 2 claims.
Gold—Virginia M. Consolidated Mining Co., Colorado Springs. Lincoln, Bonnie Bell, Virginia M. and Road Placer claims. Main shaft, 50 ft. Main tunnel, 120 ft.
Gold—West Virginia Gold Mining & Milling Co., Fairmont, W. Va. Guadaloup, Little Lulu and Omonde. Three shafts, 45 to 100 ft.
Gold—Western Union Gold Mining Co., Colorado Springs. Moltre B., Fergus, Polar Star, Helene, Hamilton, Ocean King, Little Kitten and Pole Stone claims. Four shafts, three tunnels, 180 to 200 ft. each.
M.E.—W. Weston, mining engineer.

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CRIPPLE CREEK—Continued.

Gold—Wheel of Fortune Gold Mining Co., Colorado Springs. Wheel of Fortune, Gold Charm, Von Moltke, Falcon, Boston and Little Nellie Placer claims. Shaft, 130 ft.
Gold—Charles Wider.
Gold—Wilson Creek Consolidated Mining & Milling Co., Buena Vista. Lucky Gus, Buena Vista No. 2, Bonnie Bell, Effie, Orphan Boy, Little Giant and Dessie claims. Shaft, 260 ft.
Gold—Work Mining & Milling Co., Colorado Springs. Morning Glory, Morning Glory Nos. 2 and 4, Poorman, Ida B. and Little Clara claims. Shaft, 235 ft. Tunnel, 600 ft.
Gold—R. A. Work. Gold.
Gold—World Mining & Milling Co., Colorado Springs. West View, Emerald, Bond, Hole-in-the-Ground and Mohawk claims.
G.S.—T. B. Wortman. Gold and silver.
Gold—A. F. Wuensch, M. E., 827 Equitable bldg., Denver. Keystone mine. Shaft, 200 ft. Refractory ore. 2,400 tons; 300 days; 20 employes. Steam.

CRISMAN, Boulder Co. Pop. 76. P.O. Goldhill. Ry. 898. Banking town Boulder.
G.S.—Andre Morel. Gold and silver.

CRYSTAL, Gunnison Co. Ry. Carbondale, 31; 249.
Conc.—Belle of Titusville Concentrator.
G.S.—Hoosier Mining Co., Mishawaka, Ind. Belle of Titusville mine. Tunnels, 280 ft. and 390 ft. Gold and silver. Free ore. 300 days; 15 employes. Concentrator 10 tons daily capacity. Five-stamp mill, 10 tons daily capacity. Steam and water. A. M. Gaines, mine supt.
As.Ch.—Kenneth Hartley. Assayer and chemist.
G.S.L.—Mineral Point Mining Co., Abilene, Kan. Agatha and Daisy mines. Shaft, 30 ft. Tunnel. Gold, silver and lead. Free ore. 4 employes. (Developing.)

CURRANT CREEK, Fremont Co. P.O. Currant. Banking town and Ry. Canon City, 31; 249.
Gold-S.L.—Isabel Mining Co. W. H. Murray, W. H. Murray, Jr., L. Seymour, C. R. Johnson and Jno. F. Murray, directors. Gold, silver and lead. Mine at Parkdale.

DEBEQUE, Mesa Co. M.O. Tel. Ry. 207; 249. Banking town Grand Junction.
Stone—Debeque Mining Co. Sandstone.

DEL NORTE, Rio Grande Co. Pop. 736. M.O. Tel. Ry. 249.
G.S.—Creedmoor Mining & Milling Co. Gold and silver.
Gold—Del Norte Mining & Milling Co.
G.S.—Equitable Mining & Prospecting Co. Gold and silver.
G.S.—Grand View Mining, Milling & Development Co. Gold and silver.

DELTA, Delta Co. Pop. 470. M.O. Tel. Ry. 249.
C.S.—J. A. Beaty. Coal and stone.
B.Coal—Joseph Rollins. Pride of Delta mine. Tunnel, 600 ft. 1,500 tons; 300 days; 2 employes. (Local.)
B.Coal—Winton & Roberts. Tongue Creek mine. Tunnel, 900 ft. 1,700 tons. J. J. Winton, mine supt.

DENVER, Arapahoe Co. Pop. 108,000. M.O. Tel. Ry. 31; 99; 206; 249; 250; 251; 898; 899.
B.Coal—Acme Coal Mining Co., 1631 Champa st. J. S. Wynkoop, gen. mgr. Mine at Louisville.
Gold—Adams Mining Co., 618 Mining Exchange bldg.
Gold—Addie C. Mining Co., 204 Mining Exchange bldg. F. C. Kearney, pres.; C. C. Lunt, secy. Cap. stk. $500,000. Claim at Cripple Creek.
Gold—Adit Mining Co., 83 Kittredge bldg. Hon. W. P. Daniels, pres.; H. N. Taylor, v. pres.; N. C. Merrill, secy., treas., gen. mgr. and buyer. Cap. stk. $2,000,000. Mine at Ward.
Gold—Aladdin Gold Mining Co., 303 Mg. Exch. bldg.
G.S.—Alaska Mining & Milling Co., 1117 15th st. O. L. Haskell, pres. and treas.; James Costello, v. pres.; C. A. Schofield, secy.; C. T. Justus, gen. mgr. and buyer. Cap. stk. $300,000, pd. up. Mines at Ward. Gold and silver.
G.S.—Alice Mining & Milling Co., 1114 16th st. Henry Paul, pres.; E. E. Ives, v. pres.; J. W. Hawk, secy.; G. G. Stover, treas.; Wm. M. Mitchell, gen. mgr. and buyer. Cap. stk. $5,000,000, pd. up. Mine at Idaho Springs. Gold and silver.
Gold—Alleghaney Mining Co., 204 Mg. Exch.
Gold—Alpha Gold Mining Co. P. Reynolds, pres.; C. A. Stern, secy. Cap. stk. $1,000,000. Claim at Cripple Creek.
G.S.—Alverta Gold Mining Co., 17th and Centre. Gold and silver.
Gold—American Kaffir Gold Mining & Tunnel Co.

DENVER—Continued.

Stone—American Red Stone Co., 41 Tabor blk. J. S. F. Batchen, pres.; James P. Batchen, secy., treas. and gen. mgr. Cap. stk. $150,000, pd. up. Quarry at Bellvue.
G.S.—American Sisters Mining Co., E. Kittredge bldg. Gold and silver.
G.S.L.—Amethyst Mining Co., 113 Cheeseman blk. D. H. Moffat, pres.; W. S. Cheeseman, secy.; L. E. Campbell, gen. mgr. Cap. stk. $5,000,000. Mine at Creede.
G.S.—Amity Mining Co., 204 Mg. Exch. bldg.
Gold—Anaconda Extension Gold Mining Co. O. H. P. Baxter, pres.; John H. Olmes, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Anaconda Gold Mining Co., 6 Tabor blk. D. H. Moffat, pres.; R. H. Reid, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Argo Mining, Drainage, Transportation & Tunnel Co., 507 Boston bldg.
Gold—Argonaut Consolidated Mining & Milling Co. Jacobson bldg.
Gold—Arraria Gold Mining Co., Stock Exchange bldg. W. B. Root, pres.; A. M. Rich, v. pres. and buyer; I. E. Benjamin, secy.; I. E. Freeman, treas.; W. A. Johnson, M. E. and gen. mgr. Cap. stk. $1,000,000, pd. up. Mine at Breckenridge.
Gold—Arvilla Tunnel & Mining Co., 505 Mg. Exch. bldg. M. J. McNamara, pres.; C. D. Wood, secy. Cap. stk. $1,250,000. Claims at Cripple Creek.
Gold—Atlantic Cable Consolidated Mining Co., 502 Boston bldg.
Gold—Atlantic and Pacific Mining & Milling Co.
Silver—Atlantic-Pacific Railway Tunnel Co. M. M. Pomeroy, No. 1 Broadway, New York, pres. and gen. mgr.; A. S. Whitaker, v. pres. and secy.; M. E. Verus, treas. Cap. stk. $7,000,000. Claims at Graymont.
Met.—W. L. Austin, Ph. D., metallurgist. P.O. Box 941.
Gold—Aztec Gold Mining & Milling Co., 608 Boston bldg.
B.Coal—Baker Coal Mining Co.
Gold—Baltimore Mining & Milling Co., 1316 18th.
Silver—Bangkok-Cora Bell Mining Co., 627 Mg. Exch. bldg. N. Q. Tanquary, pres.; Jas. H. Crandell, v. pres.; W. H. Huff, secy.; Wm. Toovey, treas. Cap. stk. $600,000, pd. up. Mines leased to Union Leasing & Mining Co., Leadville.
Gold—Bankers' Gold Mining & Milling Co., Ernest & Cranmer blk. E. H. Webb, pres.; G. G. Newcomb, secy. Cap. stk. $1,250,000. Claims at Cripple Creek.
G.S.—H. W. Barry, 607 Mg. Exch. bldg.
Gold—Belcher Gold Mining & Leasing Co., 516 Cooper bldg.
Gold—Bellevue-Hudson Mining Co., 23, 1427 Stout st.
Gold—Ben Franklin Mining & Milling Co., 937 17th st.
Gold—Bennett Electric Placer Mining Co., 709 Equitable bldg.
Gold—Big Four Consolidated Mining Co., 615 Mg. Exch. bldg.
Gold—Blue Bell Consolidated Mining & Milling Co., 207 Mack blk.
Smlt.—Boston and Colorado Smelting Co., 314 Boston bldg.
Gold—Boston-Idaho Tunnel, Mining & Milling Co., 926 16th st.
Gold—Boundless Mining Co., 714 Boston bldg.
Gold—G. Buell Mining Co.
M.E.—Frederick G. Bulkley, 843 Equitable bldg. Mining engineer. Gold and mine owner. Specialty, mine examination and operation.
Gold—Bull Hill Gold Tunnel Co. G. W. E. Griffith, pres.; Geo. B. Mechem, secy. Mine at Cripple Creek.
Gold—Butcher Boy Mining & Milling Co.
Gold—Cannon Ball Gold Mining Co.
B.Coal—Canon City Coal Co., 1310 Larimer st.
Gold—Caroline Mining Co., 830 Equitable bldg.
G.S.—Carson Mining Co., 205 Mg. Exch. bldg. Gold and silver.
Stone—Castle Rock Stone Co., 1646 Arapahoe st. J. Thomas, pres.; S. T. Hathaway, supt. Cap. stk. $20,000. Quarry at Castle Rock, Colo.
Gold—Cato Mining & Milling Co., 204 Boston bldg.
Gold—W. I. Chamberlain & Co., 1315 16th.
Gold—Champa Mining & Milling Co., California bldg.
B.Coal—Chase Coal Mining Co., 525, 526 Cooper bldg.
Stone—Cherry Red Sandstone Co.
B.Coal—J. B. & W. Church, 817 17th.
B.Coal—Citizens' Coal & Coke Co. H. Van Meter, pres. Mg. Exch. bldg., 1038 Arapahoe st.
Gold—Colorado Eastern Railroad Co., 612 Boston bldg.
Gold—Colorado Electric Placer Mining Co., 611 Boston bldg.
Coal-I.—Colorado Fuel & Iron Co., 701, 720 Boston bldg.
Gold—Colorado Gold Mining & Milling Co., 23 Pioneer bldg. John Wright, pres.; H. W. Bartlett, v. pres.; Frank C. Smith, secy., treas., and gen. mgr. Cap. stk. $500,000, pd. up. Mine at Ward.
Stone—Colorado Lime & Fluxing Co., 641 Equitable bldg. A. H. Garfield, pres.; Geo. Westlake, v. pres.; W. H. Hinman, secy. Cap. stk. $50,000, pd. up. Quarries at Newett and Thomasville.
Stone—Colorado Manufacturing Co., 1 Walbrach blk.
Marble—Colorado Marble & Mining Co., 1638 Blake st.

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DENVER—Continued.

Lign.—Colorado Smokeless Coal Co., 721 16th st. C. E. Shaw, pres., gen. mgr. and buyer; J. S. Riche, v. pres.; C. T. Brown, secy.; P. L. Hubbard, treas. Cap. stk. $100,000, pd. up. Mine at Lafayette. Lignite.
Gold—Colorado and Utah Gold Mining & Milling Co.
Gold—Columbia Consolidated Gold Mining Co. of Idaho, 813 17th st.
Gold—Como Gold Mining Co., 1206 15th st.
Gold—Conduit Gold Mining Co., Boston bldg. J. P. McQuaide, pres.; J. Gallagher, v. pres.; E. J. Fenlon, secy.; E. S. Perot, treas.; S. A. Josephi, M. E., gen. mgr. Mine at Idaho Springs
Gold—Consolidated Rico River Mining Co. P.O. Box 1426.
F.Clay—W. T. Cornwall, 1742-1746 Champa st. Fire clay.
G.L.Z.—Creede Leasing & Mining Co., 421 Ernest & Cranmer bldg. James Cannon, Jr., pres.; Harry Allenby, v. pres.; C. H. Brown, secy. and treas.; Geo. P. Good, M. E., gen. mgr. and buyer. Cap. stk. $100,000. Mine at Creede. Gold, lead and zinc.
G.S.—Creede Mining & Milling Co., Boston bldg. Gold and silver.
Gold—Cripple Creek Bonanza Gold Mining Co. E. G. Straub, pres.; J. J. Philbin, v. pres. and treas.; H. A. McCrary, secy. Claim at Cripple Creek.
Gold—Cripple Creek Gold Milling Co. J. R. McKinnie, pres.; H. W. Patterson, secy. Cap. stk. $1,000,000. Claim at Cripple Creek.
Gold—Cripple Creek Syndicate Mining & Milling Co., 1658 Lawrence.
Gold—Cripple Creek and Victor Consolidated Mining & Development Co.
Gold—Cripple District Mining Co., 1624 Curtis.
Gold—Crown Point & Virginia Gold Mining Co., 504 Boston bldg. S. A. Josephi, M. E., pres., gen. mgr. and buyer; Wm. Hauchhaus, v. pres.; A. C. Schlesinger, secy. and treas. Cap. stk. $250,000, pd. up. Mine at Idaho Springs.
Gold—Cummings Mining & Milling Co., 2749 Blake st.
G.S.—Currency Mining Co. Gold and silver.
M.E.—E. P. Dargin, mining engineer, 52 Barth blk.
Gold—Decatur Mines Syndicate, Ltd:, 608 Boston bldg.
M.M.E.—C. E. De Forest, 1618 Champa st. Mining and mechanical engineer and metallurgist.
B.Coal—Denver Coal Co., Ltd., 507, 510 Boston bldg.
Gold—Denver Copper Rock Gold Mining Co., 1326 17th.
Mar—Denver Marble Works, 1220 Lawrence st.
S.Wks.—Denver Public Sampling Works, 1 Boston bldg.
Roll.M.—Denver Steel Rolling Mills, 222 Ernest & Cranmer bldg.
Gold—Denver & Creede Mining Co.
Gold—Denver & Cripple Creek Mining Co., 1640 Curtis st. H. J. Kruse, pres.; Geo. E. Tuck, v. pres.; E. H. Mason, secy.; E. A. Smith, treas. Cap. stk. $300,000, pd. up. Mine at Cripple Creek.
Gold—Dictator Gold Mining Co., 209-210 Mg. Exch. M. J. McNamara, pres.; L. C. De Morse, v. pres.; J. W. Moore, secy.; Melvin Putnam, treas. Cap. stk. $1,250,000. Claims at Cripple Creek.
Gold—Dividend Gold Mining & Milling Co., 207 Mack blk.
Gold—Doubtless Mining Co., 714 Boston bldg.
Gold—Eclipse Mining & Milling Co. E. W. Bemen, pres.; C. C. Lunt, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Edwin Booth Gold Mining Co. E. R. Argersinger, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Gold—Electric Mining & Milling Co., 1619 Fremont.
Blrs.—W. H. Emanuel, 1316 18th st. Boilers.
G.S.—Emmons Mining Co., Jacobson blk. Gold and silver.
Gold—Estelline Gold Mining Co. George W. Kramer, pres.; J. B. Andrews, secy. Cap. stk. $200,000. Claim at Cripple Creek.
G.S.—Eurydice Mining Co., 1208 16th st. Gold and silver.
Gold—Extension Mining & Milling Co.
Gold—Fairmount Gold Mining Co., 10 Opera House. Chas. J. Clark, pres., gen. mgr. and buyer; S. B. Clark, v. pres.; W. H. Smith, secy.; J. W. Weldon, treas. Cap. stk. $1,000,000. Mine at Central City.
Gold—Harry Farncomb, 2705 Welton st.
G.S.C.—Favorite Mining, Milling & Tunnel Co., 1725 Arapahoe st. C. O. Collman, pres.; H. L. Morris, v. pres.; Geo. A. Lonsbery, secy.; Denver Trust Co., treas.; Fred A. Cox, mgr. and buyer. Cap. stk. $600,000, pd. up. Mine at Dumont. Gold, silver and copper.
Gold—Michael Finnerty, 17 Jacobson bldg.
G.S.—Florilla Mining & Milling Co. Gold and silver.
M.E.—Ernest Le Neve Foster, 2105 Lafayette. Mining and consulting engineer.
Min.P.—Franklin Paint Mill. Mineral paint.
Gold—Free American Gold Mining Co., 1725 Arapahoe st. Mine at Central City.
M.E.As.—H. Van F. Furman, 1526 High st. Mining engineer. Assayer United States Mint.
Gold—Garfield-Grouse Gold Mining Co., King bldg. E. H. Webb, pres.; R. W. Curtis, secy. Cap. stk. $1,200,000. Claims at Cripple Creek.
Gran.—Geddes & Serrie, 601 People's Bk. bldg. Granite.
Gold—Giant Camera Gold Mining & Milling Co., 612 California bldg.

DENVER—Continued.

Smltr.—Globe Smelting & Refining Co., 204 Boston bldg.
G.S.—Gold Collar Mining & Milling Co., 32 Patterson & Thomas blk. L. H. Stockbridge, pres. and treas.; V. M. Came, v. pres.; Edw. A. Came, secy. Cap. stk. $100,000, pd. up. Mine at Central City. Gold and silver.
G.S.—Gold Cup Mining Co., Equitable bldg. Gold and silver.
Gold—Gold Mint Mining Co.
Gold—Gold Monument Mining & Milling Co., 1450 Arapahoe st.
Gold—Gold Standard Mining & Tunneling Co. G. S. Wood, pres.; Willis B. Herr, secy. Cap. stk. $1,000,000. Claims at Cripple Creek.
Silver—Gold & Silver Extraction Co. of America, Ltd., 210 McPhee bldg. Thos. W. Good, mgr.; C. S. Dick, secy. Claims at Caribou.
Gold—Golden Circle Mining Co.
Gold—Golden Dragon Mining & Milling Co., 11 Good blk.
G.S.—Golden Fleece Mining & Milling Co., 101 Boston bldg. Biddle Reeves, pres.; E. A. Kent, v. pres.; Geo. W. Pierce, secy. and treas.; W. A. Akers, gen. mgr. Cap. stk. $600,000. Mine at Lake City. Gold and silver.
Lign.—Golden Pressed & Fire Brick Co., 819 17th st. J. B. Church, pres., treas., gen. mgr. and buyer; Wm. Church, v. pres.; Benj. Rowe, M. E., secy. Cap. stk. $500,000, pd. up. Mine at Golden, Colo. Lignite.
Gold—Goodwill Gold Mining Co., 313 Mg. Exch. bldg.
Lign.—Austin G. Gorham, 606-7 Boston bldg. Wm. A. Haywood, gen. mgr. Cap. invested $50,000. Mine at Langford. Lignite.
G.S.—W. S. Grant, 18th nr. n. w. cor. Colfax ave. and W. Highlands Gold and silver.
Gold—Gregory Gold Mining Co.
Met.M.E.—H. W. Hardinge. Metallurgical and mining engineer.
Ore-B.—Hardinge & Co., ore buyers, 1752 Curtis st.
G.S.—Hector Mining Co. Gold and silver.
G.S.—Helen Mining Co., 40 Tabor blk. D. H. Moffat, pres.; John T. Graham, secy. and gen. mgr.; Geo. E. Ross-Lewin, treas. Cap. stk. $2,000,000. Mine at Graham, N. Mex. Gold and silver.
G.S.—C. M. Hill, Windsor Hotel. Gold and silver.
C.M.E.—W. H. Holmes, 714 S. Tremont st. Civil and mining engineer. United States deputy mineral surveyor.
Gold—Holy Cross Gold Mining & Milling Co., 62 Railroad bldg. L. H. Josselyn, pres.; Geo. L. Kimball, v. pres.; Geo. D. Kimball, secy.; Geo. H. Davis, treas.; G. L. Havens, gen. mgr. and buyer. Cap. stk. $400,000, pd. up. Mine at Holy Cross.
Gold—Hortense Gold Mining & Milling Co.
Gold—Humboldt Consolidated Co.
Gold—Illinois Gold Mining & Milling Co., 209-10 Mg. Exch. M. H. Insley, pres.; Adam Kemper, v. pres.; O. A. Matthews, secy.; H. E. Insley, treas. Cap. stk. $1,000,000. Mine at Cripple Creek.
Gold—Independence Tunnel Co.
B.Coal—Independent Coal Co., Center, n.e. cor. S. 1st.
Gold—Ingold Placer Mining Co., 503 Cooper bldg.
U.S.Sur.—F. S. Ingoldsby, 6 Tabor blk. Surveyor. United States deputy mineral surveyor.
Gold—Insley Mining, Tunneling & Milling Co.
Gold—International Gold Mining & Milling Co.
Gold—Investors' Prospecting & Gold Mining Co.
Gold—Iron Clad Mining Co.
G.S.—Iron Duke Gold Mining Co., 1914 Washington ave. Gold and silver.
Gold—Iron Gold Mining & Milling Co.
Gold—Iron Mountain Mining & Milling Co., 607 Mg. Exch. bldg.
Gold—Jefferson Mining Co. Geo. B. Mechem, pres.; A. R. Hallgren, secy. Mine at Cripple Creek.
Gold—Judson Tunnel & Mining Co., 204 Equitable bldg.
G.S.—Juno Mining & Milling Co., 2442 Champa st. Gold and silver.
G.S.—Jupiter Belmont Mining Co., 920 17th. Gold and silver.
G.S.—Kansas-Burroughs Consolidated Mining Co., 805 Cooper bldg. Gold and silver.
Smltr.—Kilton Gold Extraction Co., 702 People's Bank bldg. James A. Kilton, pres. and treas.; W. H. McLeod, v. pres. and secy.; R. F. Byrns, gen. mgr. Cap. stk. $50,000. Smelter. Works at Boulder.
Gold—King Solomon Tunnel & Mining Co., Boston bldg.
M.E.Met.—Edmund B. Kirby, consulting mining engineer and metallurgist. 101 Boston bldg.
Gold—La Mira Consolidated Mining & Milling Co., 612 California bldg.
Gold—Last Chance Mining & Milling Co., 812 Boston bldg.
Lign.—Leader Coal Mining Co., 1614 Champa st. Jno. Connell, pres., gen. mgr. and buyer; J. H. Connell, v. pres.; M. Connell, secy. Cap. stk. $50,000, pd. up. Mine at Louisville. Lignite.
Gold—Leadville Limited Mining & Leasing Co., 308 People's Bk. bldg.
Lime—Leadville Lime & Fluxing Co., 641 Equitable bldg. Quarry at Thomasville.
Gold—Little Maid Mining & Milling Co., Boston bldg.

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DENVER—Continued.

Gold—Lincoln Boy Mining & Tunneling Co. C. W. Walters, pres.; C. W. Randall, secy. Cap. stk. $1,500,000. Claims at Cripple Creek.
Gold—Lone Star Gold Mining Co.
Gold—Lou. P. K. Mining Co., 204 Mg. Exch. bldg.
Gold—Luella B. Gold Mining Co.
Gold—Mabel K. Gold Mining Co.
B.Coal—Marshall Coal Co. Austin G. Gorham, lessee. 606-607 Boston bldg.
Gold—Mascotte Gold Mining Co., 505 Mg. Exch. bldg.
Mill.—Metallic Extraction Co., 6 Tabor blk. Eben Smith, pres.; D. W. Moffat, v. pres.; R. H. Reid, secy.; Geo. E. Ross-Lewin, treas.; Philip Argall, gen. mgr. Cap. stk. $500,000, pd. up. Mill at Florence.
Onyx—Mexican Onyx Co.
Gold—Mineral Rock Mining & Milling Co., Hughes bldg. E. H. Webb, pres.; Albert Smith, secy. Cap. stk. $1,200,000. Claim at Cripple Creek.
As.Ch.—W. C. Minger. Assayer and chemist. 1747 Lawrence st.
G.S.—Mint Co. Gold and silver.
G.S.—Missouri Pacific Mining Co., 1328 17th st. Gold and silver.
B.Coal—Mitchell Coal Co., 1609 Curtis st.
Gold—Modoc Consolidated Mines (not incorporated). (James A. Kilton, C. W. Betts and Allen D. Haffer.; C. W. Betts, supt. Mines at Ward.
Gold—Modoc Gold Mining Co., 421 Cooper bldg.
Gold—Mohawk Bell Mining Co.
Min.P.—Samuel Monk, 309 Charles blk. Mine at Calhan. Mineral paint.
Gold—Montezuma Mining & Milling Co., 808 17th st.
Gold—Mount McGregor Gold Mining & Milling Co., 604 Equitable bldg.
G.S.—Mountain Chief Mining & Milling Co. Gold and silver.
Gold—Mutual Benefit Gold Mining Co., 501 Mg. Exch. bldg.
G.S.—Mutual Leasing & Mining Co., 313 Mg. Exch. bldg. Gold and silver.
G.S.—New Polonia Mining Co. Gold and silver.
Gold—New York Mining & Milling Co. M. J. McNamara, pres.; C. D. Wood, secy. Cap. stk., $1,200,000. Claims at Cripple Creek.
Gold—New York & Last Chance Mining Co., 812 Boston bldg.
Gold—New Zealand Mining Co.
Gold—Newton Gold Mining & Milling Co., 207 Mack bldg.
Gold—Norman G. Mining Co.
B.Coal—Northwestern Coal Mining Co.
Gold—Old Faithful Mining Co., 241 Equitable bldg.
Smlt.—Omaha & Grant Smelter Co.
Gold—Oneida Chief Mining & Milling Co., 207 Mack bldg.
Gold—Orphan Boy Extension Mining & Milling Co., 84 Kittredge bldg. Wm. P. Daniels, pres. and gen. mgr.; C. H. West, v. pres.; N. C. Merrill, secy., treas. and buyer. Cap. stk. $1,000,000. Mine at Ward.
G.S.—Orphan Boy Mining & Milling Co., 613 Mg. Exch. bldg. Gold and silver.
S.L.C.—Orphan Boy Mining & Reduction Co., Box 2507. Silver, lead and copper.
G.S.C.—Palmer & Houghton, 1651 Stout st. Mines at Virginia Dale. Gold, silver and copper.
B.Coal—People's Coal Co., 1635 Curtis.
Gold—People's Mining & Milling Co., 309 Mg. Exch. bldg. S. W. Chaney, pres.; S. E. Darbey, secy. Cap. stk., $500,000. Claims at Cripple Creek.
As.Ch.—John W. Pettee, assayer and chemist, 907 17th.
G.S.—Pewabic Mining Co. Claims at Idaho Springs. Gold and silver.
Gold—Pine Creek Mining Co. Mines at Central City.
Silver—Poorman Silver Mines of Colorado, Ltd. Thomas W. Goad, mgr.; C. S. Dick, secy. Claims at Caribou.
B.Coal—Porter Fuel Co., 804 Boston bldg.
G.S.—Pride of Cripple Creek, 801 7th st. Gold and silver.
Gold—Prussian Mines Co., 507 Boston bldg.
G.S.—Puzzler Gold Mining & Milling Co., 32 Patterson & Thomas blk. C. D. Porter, pres.; J. Lansing, v. pres. and treas.; L. H. Stockbridge, secy. Cap. stk., $500,000, pd. up. Mine at Ward. Gold and silver.
G.S.L.—Red Bird Mining Co., 6 Walbrack blk. H. E. Macary, pres.; E. Winthrop, v. pres.; J. P. Simmons, secy. and treas. Mine at Lake City. Gold, silver and lead.
Gold—Red Cloud Gold Mining Co. C. B. Wilson, pres.; John G. L. Dohme, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
G.S.—Redondo Mining Co., 6 Jacobson bldg.
Gold—Reno Mining Co., 1625 Champa. C. F. Harkinson, pres.; R. D. Thompson, secy. Cap. stk., $1,000,000. Claims at Cripple Creek.
Gold—Revenue Gold Mining Co., 308 Boston bldg.
Met.M.E.—T. A. Rickard, metallurgist and mining engineer, 608 McPhee bldg. State geologist. Graduate of the Royal School of Mines, London, 1885. Fellow of the Geological Society, member Institute of Mining Engineers and the Colorado Scientific Society.
G.S.—J. A. Ross, 615 22nd ave. Gold and silver.

DENVER—Continued.

G.S.L.—Rico-Aspen Consolidated Mining Co., 6 Tabor blk. Gold, silver and lead.
Gold—Rossiter Mining & Milling Co., 522 Boston bldg.
Stone—Roy & Sandford, 13th ave. and 6th st.
Gold—Ruby Gold Mining & Milling Co., 41-42 Arapahoe bldg. W. B. Harrison, pres.; A. W. Loughl, v. pres.; L. D. Loughl, secy.; W. F. Handy, treas.; B. R. Harrison, gen. mgr.; J. F. Lage, buyer. Cap. stk., $600,000, pd. up. Mine at Ward.
G.S.—Running Lode Mining & Milling Co., 1515 Larimer st. A. L. Doud, pres.; Geo. L. Kimball, v. pres., treas., gen. mgr. and buyer; Geo. D. Kimball, secy. Cap. stk., $1,000,000, pd. up. Mine at Black Hawk. Gold and silver.
Gold—San Juan-Gardner Gold Mining Co., 411-414 Ernest & Cranmer bldg.
Gold—Scotia Gold Mining Co.
G.S.—Byron E. Shear, 728 16th. Gold and silver.
G.S.—Sheba Queen Mining Co. Gold and silver.
G.S.—Silent Friend Mining Co., 301 People's Bank bldg. Gold and silver.
G.S.—Sleepy Hollow Mining Co., 3 Bank blk. Gold and silver.
B.Coal—Smokeless Coal Co., 1635 Curtis.
Gold—Smuggler Union Mining Co., 804 Boston bldg.
G.S.—R. M. Snavely, 327 Symes blk. Gold and silver.
G.S.—Somerset Mining & Milling Co., 808 17th st. Gold and silver.
Gold—Springdale Gold Mining & Milling Co., 23 Patterson & Thomas blk.
G.S.—Spur Daisy Mining Co., Mack blk. Gold and silver.
Gold—Stormy Petrel Gold Mining Co., 204 Mg. Exch. bldg.
Gold—Straub Mountain Gold Mining & Tunneling Co. J. H. Waters, pres.; Edward T. Evans, secy. Cap. stk., $2,000,000. Claims at Cripple Creek.
Gold—Sugar Loaf Mining & Milling Co., 1627 Champa.
Smltr.—Summit Mining & Smelting Co., 314 Cooper bldg. Smelter.
Gold—Sunnyside Extension Mining Co., 420 Ernest & Cranmer bldg.
G.S.—Sutton Mining Co., 1450 Arapahoe st. Gold and silver.
Gold—Swansea Gold Mining Co., 313 Mg. Exch. bldg.
G.S.—Tabor Investment Co. Gold and silver.
G.S.—Tabor Mining & Milling Co. Gold and silver.
G.S.—Tail Run Gold Mining Co. Gold and silver.
G.S.—Tarryall Gold Contact Mining Co., 431 Charles bldg. Gold and silver.
Gold—Thompson Mining Co., 205 Mg. Exch. bldg. Neil Macphatter, pres.; M. B. Carpenter, v. pres.; M. H. Templeton, secy.; G. E. Ross Lewin, treas. Cap. stk., $1,500,000. Mine at Cripple Creek.
G.S.—Tip Top Mountain Mining Co., 1012 17th st. Gold and silver.
Gold—Toltec Gold Mining Co., 808 17th st.
Gold—Tornado Gold Mining Co.
Gold—Trail Creek Gold Mining Co.
G.S.—Tramway Mining & Milling Co. Gold and silver.
Gold—Triad Gold Mining Co., 1450 Arapahoe st.
G.S.—Triumph Mining Co., 420 Cooper bldg. Gold and silver.
Gold—Twin Sisters Gold Mining Co. Henry Trowbridge, pres.; L. E. C. Hinckley, secy. Cap. stk., $500,000. Claims at Cripple Creek.
G.S.—Tuscarora Gold & Silver Mining & Milling Co., Boston bldg.
Gold—Union Leasing & Mining Co., 6 Jacobson bldg.
Sa.Wks.—Union Ore Sampling Works, 925 17th st. Ore samplers and buyers.
Stone—Union Pacific Railway Co., Union depot.
G.S.—Union Trust & Loan Co. Gold and silver.
Coal—United Coal Co., 524 Ernest & Cranmer bldg. James Cannon, Jr., pres.; H. C. Brooks, v. pres. and secy. Cap. stk., $1,000,000, $621,800 pd. up. Mines at Louisville, Aguilar and Williamsburg.
Silver—Ute Chief Mining Co., 1725 Arapahoe. M. L. Cox, pres.; R. J. Darnell, v. pres.; F. D. Russell, secy. and treas.; Fred A. Cox, M. E., gen. mgr. and buyer. Cap. stk., $300,000, pd. up. Mine at Lamartine.
G.S.—Valley Lode Mining Co., 1658 Lawrence. Gold and silver.
Gold—Venezia Mining & Milling Co., 308 People's Bank bldg. Wm. H. Yankee, pres.; S. S. Kennedy, v. pres., gen. mgr. and buyer; W. H. Combs, secy. and treas. Cap. stk., $1,000,000, pd. up. Mines at Prescott, Ariz.
B.Coal—Victor Coal & Coke Co., Ernest & Cranmer blk. Granville M. Dodge, pres.; Delos A. Chappell, v. pres. and gen. mgr.; S. S. Murphy, secy. and treas.; J. H. Hensley, buyer. Mines at Trinidad.
Gold—Victor Gold Mining Co., Tabor blk. W. E. Johnson, pres.; R. H. Reid, secy.; Geo. E. Ross-Lewin, treas.; Eben Smith, gen. mgr. Cap. stk., $1,000,000, pd. up. Mine at Cripple Creek.
Gold—Vindicator Mining Co. Gen. Herman Sturm, pres.; J. L. Frazer, secy. Cap. stk., $1,200,000. Claims at Cripple Creek.
G.S.—Wahatoya Gold Mining Co., 808 17th st. Gold and silver.

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DENVER—Continued.

G.S.—Wallace Mining Co., 521 Mg. Exch. bldg. Gold and silver.
G.S.—W. S. Ward, 280 Grant ave. Gold and silver.
G.S.—Warren Gold Mining & Milling Co., 207 Mack blk. Gold and silver.
M.Mec.E.—Waters Bros. (Thos. J. and J. A. R. Waters). Mining and mechanical engineers. Sheridan bldg.
Silver—Weldon Mining Co. D. Sheedy, pres.; J. E. Lightbourn, v. pres.; G. C. Bartels, secy. and treas.; T. S. Schlessinger, gen. mgr.; B. Schlessinger, buyer. Cap. stk., $500,000, pd. up. Mine at Leadville.
Marb.—Western Onyx & Marble Co., 829 Cooper blk.
G.S.—Whale Mining & Milling Co., 523 Mg. Exch. bldg. Gold and silver.
Asbs.—F. H. Whiting, 53 Jacobson bldg.
Mec.E.—Thos. L. Wilkinson. Mechanical engineer. 610 Boston bldg.
Assy.—Henry E. Wood, assayer. 1744 Arapahoe st.
M.E.—A. F. Wuensch. Consulting mining engineer for D. H. Moffat, pres. First National Bank, Denver. 5 Taylor blk. Consulting engineer of Amethyst mine, Creede; Black Prince mine, Leadville; Keystone mine, Cripple Creek; Helen Mining Co., Mogallon, New Mexico, and other properties.
Gold—A. F. Wuensch, M. E., 827 Equitable bldg. Mine at Cripple Creek.
Gold—Yankee Fork Gold Mining Co., 604 Equitable bldg.
Gold—Yosemite Hydraulic Mining Co., 639 Equitable bldg.

DILLON, Summit Co. Pop. 133. M.O. Tel. Ry. 249; 251. Banking town Breckenridge.
G.S.—Adolph Ballif. Gold and silver.
Gold—John Beasley. Quartz Patch mine. Placer.
Gold—Edward Carter, Breckenridge, Colo. Salt Lick mine. Placer, 60 ft. 200 days; 6 employes. Hydraulic.
G.S.C.—G. E. L. Gould. Boss and Thunderbolt mines. Tunnels, 6,000 ft. Gold, silver and copper. Refractory ore. 240 tons; 300 days; 20 employes.
G.S.—Thos. Hamilton. Gold and silver.
G.S.—Jno. Makey. Gold and silver.
G.S.—S. P. Pratt. Gold and silver.
G.S.L.—Jas. H. Ryan. Gold, silver and lead.
G.S.—A. L. Van Alstyne. Gold and silver.
G.S.—Edw. Ward. Gold and silver.
G.S.—C. C. Warren. Gold and silver.
G.S.—A. L. Wilson. Gold and silver.

DOLORES, Montezuma Co. M.O. Tel. Ry. 736.
Stone—Houser & Rea.
G.S.—J. J. Humis. Gold and silver.
G.S.—W. H. Knight. Gold and silver.
G.S.—W. M. May. Gold and silver.

DUBOIS, Gunnison Co. Ry. Gateview, 249.
G.S.—Dubois Tunnel, Mining & Milling Co., Second National Bank. Capitola, Victor, Pride of Iowa, W. S. Chenoweth and Pride of Denver mines. Shaft, 65 ft. Tunnel, 165 ft. Gold and silver. Refractory ore. 300 days; 6 employes.

DUMON, Clear Creek Co. Pop. 81. Ry. 898. Banking town Georgetown.
Gold—Albro Mining Co.
G.S.—Jno. Anderson. Gold and silver.
G.S.—E. S. Bailey. Gold and silver.
G.S.—Edward Bowden. Gold and silver.
G.S.—W. L. Boyd. Gold and silver.
G.L.S.—Capitol Mountain Mining, Tunnel & Milling Co. Gold, lead and silver.
G.S.—R. W. Chinn.
G.S.—Chris. Clauson. Gold and silver.
G.S.—Alex. Cooper. Gold and silver.
G.S.—M. Doyle. Gold and silver.
G.S.—J. E. Drake. Gold and silver.
G.S.—J. C. Easterly. Gold and silver.
G.S.—S. Eldred. Gold and silver.
G.S.C.—Favorite Mining, Milling & Tunnel Co., 1725 Arapahoe st., Denver. Favorite mine. Crosscut, 600 ft. Shafts and tunnels. Gold, silver and copper. Free and refractory ore. (Developing.)
G.S.—Thos. Green. Gold and silver.
G.S.—H. M. Jones. Gold and silver.
G.S.—Kanern Mining Co. Gold and silver.
G.S.—Amos Knabb. Gold and silver.
Gold—Kohinoor Mining Co.
G.S.—J. W. La Munyon. Gold and silver.
G.S.—N. A. Lartigue. Gold and silver.
Gold—N. & M. Mansfield Mining & Milling Co.
G.S.L.—R. G. Morrison. Gold, silver and lead.
G.S.—Nebraska Gold Mining & Milling Co. Gold and silver.
G.S.—Ohio Gulch Mining Co. Gold and silver.
G.S.—Edward Peart. Gold and silver.
G.S.—Emerson Peart. Gold and silver.
G.S.—T. E. Platt. Gold and silver.
G.S.—Alex. Seaton. Gold and silver.
G.S.—J. W. Smith. Gold and silver.

DUMON—Continued.
G.S.—Philip Stephens. Gold and silver.
G.S.—S. Thompson. Gold and silver.
G.S.—E. M. Tillotson, 547 Carroll st., St. Paul, Minn. Gold Chest Group. Shaft, 110 ft. Gold and silver. Refractory ore. Whim. (Developing.)
G.S.—D. E. Wilson. Gold and silver.

DUNCAN, Saguache Co. Ry. Garrison, 249.
G.S.—Winona Mining Co. Gold and silver.

DURANGO, La Plata Co. Pop. 2,726. M.O. Tel. Ry. 249; 736.
Gold—Cal. Brown.
As.Ch.—A. M. Campbell. Assayer and chemist. Union blk., Main st.
B.Coal—Champion Coal Co.
B.Coal—City Coal Co.
G.S.—Jas. Duggan. Gold and silver.
Silver—Grigg & Hopkins (P. F. Grigg and J. S. D. Hopkins).
Gold—Harbaugh Bros.
G.S.—Hechtman & Lewis. Gold and silver.
Stone—S. J. & C. W. Houser & Co. Limestone.
B.Coal—La Plata Coal Co.
G.S.—Newman & Hopkins (Chas. Newman and J. S. D. Hopkins). Gold and silver.
B.Coal—Porter Fuel Co.
B.Coal—San Juan Coal Co.
Smlt.—San Juan Smelting Co.
B.Coal—Shore Coal Co.
G.S.—Sound Democrat Mining Co. Gold and silver.
Smlt.—Standard Smelting & Refining Co. S. M. Green, pres.; Otto Mears, v. pres. and treas.; J. A. Partridge, secy and buyer. Cap. stk., $500,000, pd. up. 15 coke ovens. 2 blast furnaces, 36x120 and 42x120. 4 reverberatory copper furnaces. 300 days; 175 employes. Steam. A. H. Brown, Jr., supt.
Stone—Stubbs & Jakway. Quarry at Rockwood.
B.Coal—Ute Coal & Coke Co. H. T. Ross, pres.; L. C. Jakway, secy., treas., gen. mgr. and buyer. Cap. stk., $200,000, $150,000 pd. up. Mine at Hesperus.

EAGLE, Eagle Co. M.O. Ry. 249. Banking town Glenwood Springs.
G.S.—Jno. Beaumont. Gold and silver.
G.S.—Bertolf Bros. Gold and silver.
G.S.—Webb Frost. Gold and silver.
G.S.—M. Fulford. Mine at Fulford. Gold and silver.
G.S.—S. T. Hockett.
Gold—Lemons & Co. Mine at Fulford.
Cop.—H. C. Parker. Copper.
G.S.—Fulford Mining Co. Gold and silver.

EATON, Weld Co. Pop. 300. M.O. Tel. Ry. 899.
Gold—Mary Maitland Gold Mining Co.
B.Coal—Mollar & Brown Coal Co.
B.Coal—R. G. Rodgers Coal Co.
G.S.—Smith & Watson. Gold and silver.
B.Coal—John Watson.

EDWARDS, Eagle Co. Ry. 249.
G.S.L.—Hockett & Wright. Gold, silver and lead.

ELKTON, El Paso Co. Ry. 307.
Gold—Elkton Mining & Milling Co., 14 El Paso blk., Colorado Springs. Elkton mine. Shaft, 400 ft. Refractory ore. 300 days; 50 employes. Steam. Wm. Bainbridge, mine supt.
Gold—Hercules Gold Mining & Milling Co., 11 Midland blk., Colorado Springs. Crank and Crank No. 2 mines. Shaft, 65 ft. Tunnels, 100 ft. Refractory ore. 3 employes. Windlass. H. R. Van Meter, mine supt.
Gold—Walter Gold Mining Co., 14 El Paso blk., Colorado Springs. Walter mine. Shaft, 320 ft. Refractory ore. 2,000 tons; 300 days; 70 employes. Steam. Wm. Bainbridge, mine supt.

EMPIRE, Clear Creek Co. Pop. 134. M.O. Ry. 898. Banking town Georgetown.
Gold—Clear Creek Mining Co.
G.S.—Empire City Mining Co. Gold and silver.
G.S.—Great Republic Mining Co. Gold and silver.
G.S.—Headlight Mining & Milling Co.
Gold—Himrod & Hanchett, Idaho Springs. Gold Dirt mine. Shaft, 300 ft. Free and refractory ore. 1,000 tons; 300 days; 15 employes. Steam. A. Johnson, mine supt.
G.S.—Little Howard Mining Co. Gold and silver.
G.S.—Neath Mining Co. Gold and silver.
G.S.—Paulina Mining Co. Gold and silver.
Gold—F. L. Peck. Atlantic mine. Shaft, 230 ft. Tunnel, 300 ft. Refractory ore. (Developing.)
Gold—F. L. Peck. Gold Dirt mine. Shaft, 300 ft. Smelting ore. 8 employes. Steam. (Developing.)
G.S.—Sherwood & Son. Gold and silver.
Gold—Snowy Range Mining Co.

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ERIE, Weld Co. Pop. 662. M.O. Tel. Ry. 99; 899. Banking town Denver.
B.Coal—Boulder Valley Coal Co.
B.Coal—Cleveland Coal Co.
B.Coal—Garfield Coal Co.
B.Coal—McKissick Coal Co.
B.Coal—St. Vrain Coal Co.
B.Coal—Stewart Coal Co.

EUREKA, San Juan Co. Pop. 250. Banking town and Ry. Silverton, 249.
Gold-L.—J. E. Briggs, 65 Fulton st., New York. Muskegon mine. Tunnels, 200 ft. Free and refractory ore. 1,000 tons. Water. Gold and lead.
G.S.—R. J. Carley. Gold and silver.
Gold—Electrum Mining Co.
G.S.L.—Rasmus Hanson. Gold, silver and lead.
G.S.—F. W. Harlow. Gold and silver.
G.S.—Geo. W. Howard, Howardsville. Belle Creole mine. Tunnel, 120 ft. Gold and silver. Free ore. 5 employes.
G.S.—Wm. McFarland. Gold and silver.
G.S.—J. D. Niswonger. Gold and silver.
G.S.L.—San Juan Mining & Milling Co., 65 Fulton st., New York. New York, Briggs, Grand Prize and Blucher mines. Tunnels, 1,000 ft. Gold, silver and lead. Free and concentrating ore. Concentrator, 60 tons daily capacity. Water.
G.S.—W. H. Taggart. Gold and silver.
G.S.—Geo. W. Tallman. Gold and silver.

EVANS, Weld Co. Pop. 306. M.O. Tel. Ry. 899. Banking town Greeley.
B.Coal—Samuel Anderson.

FAIRPLAY, Park Co. Pop. 301. M.O. Tel. Ry. 251.
G.S.—Thos. Sheldon. Gold and silver.

FALLRIVER, Clear Creek Co. P.O. Freeland. Ry. 898.
Gold—Fall River & Colorado Mining & Milling Co.

FARNHAM, Summit Co. P.O. Como. Banking town and Ry. Breckenridge, 251.
G.S.—Henry Booher. Gold and silver.
G.S.—O. Grantstrom & Co. Gold and silver.
G.S.—C. H. Pike. Gold and silver.
G.S.—T. Rollins. Gold and silver.
G.S.—West Bros. Gold and silver.
G.S.—T. W. Wood. Gold and silver.

FLORENCE, Fremont Co. Pop. 239. M.O. Tel. Ry. 31; 249; 307.
R.Wks.—American Cyanide Gold & Silver Reduction Co.
R.Wks.—American Economic Reduction Works.
Copp.—Denver & Rio Grande Rail Road.
Ex.Wks.—Metallic Extraction Co., Denver. Metallic Extraction works. Cyanide. 40,000 tons annual capacity. 25 employes. Philip Argall, mill supt.

FLORISSANT, El Paso Co. Pop. 439. M.O. Tel. Ry. 207. Banking town Colorado Springs.
Stone—G. W. Atkison.
G.S.—F. F. Costello. Gold and silver.
G.S.—N. S. Davis. Gold and silver.
G.S.—Thos. Donnell. Gold and silver.
G.S.—D. Nevett. Gold and silver.
G.S.—C. L. Wilson. Gold and silver.
G.S.—Jno. Wilson. Gold and silver.

FORT COLLINS, Larimer Co. Pop. 2,011. M.O. Tel. Ry. 898.
G.S.—Atlantic Mining Co. Gold and silver.
Stone—J. T. Cliff.
G.S.—Forest Mining Co. Gold and silver.
Gold—Relief Mining & Milling Co.
G.S.—Seven-Mile Mining & Milling Co. Gold and silver.
Stone—Stout Stone Quarries.
G.S.—Valena Mining & Milling Co. Gold and silver.

FRANCEVILLE, El Paso Co. Pop. 75. Tel. Ry. 898. Banking town Colorado Springs.
Coal—Union Coal Co.

FRASER, Grand Co. Pop. 24. Ry. Georgetown, 898.
G.S.—W. Z. Cozens. Gold and silver.

FULFORD, Eagle Co. Ry. Eagle, 249.
Gold—Barlhoff Bros. Polar Star mine. Two tunnels, 300 ft. Free ore. 50 tons per day. 100 days. Stamp mill, 25 tons daily capacity. Water.
G.S.—M. Fulford, Eagle. Layton and other claims. Tunnel and shaft. Gold and silver. Refractory ore.
Gold—W. H. Hanlon. Elsie mine. Shaft, 17 ft. Tunnel, 50 ft. Free ore. 6 employes.
Gold—Lemons & Co., Eagle. Johnson mine. Shaft, 150 ft. Free ore. 300 days; 9 employes. Horse whim.

FULFORD—Continued.
Gold—B. S. Morgan. Gold Dust mine. Tunnel, 150 ft. Free ore. 2,000 tons; 200 days; 3 employes. Water. 5-stamp mill.
G.S.C.—D. Morgan. Gold, silver and copper.
G.S.—J. Taylor. Gold and silver.

GARDNER, Huerfano Co. Pop. 129. Banking town and Ry. Walsenburg, 249; 898.
G.S.L.C.—J. G. Taylor. Gold, silver, lead and copper.

GEORGETOWN, Clear Creek Co. Pop. 1,927. M.O. Tel. Ry. 898.
Silver—Baker Silver Mining Co.
S.L.—Baltimore Mining Co. Silver and lead.
Gold—Burleigh Tunnel Co.
S.L.—Colorado Central Consolidated Mining Co. Silver and lead.
G.S.—Thos. Cornish. Gold and silver.
G.S.—Diamond Tunnel Gold & Silver Mining Co., Baltimore, Md.
Gold—Dunderberg Mining Co.
Gold—East Mendota Mining Co.
G.S.L.—H. M. Griffin, 604 Second st. Mines at Silver Plume. Gold, silver and lead.
G.S.—H. M. Griffin, 604 Second st. Gold and silver.
Smlt.—G. W. Hall & Co.
G.S.C.—Hamilton Gold & Silver Mining Co. Gold, silver and copper.
M.E.—Geo. E. Marsh. Mining engineer.
G.S.—E. G. Naylor.
Silver-L.—R. Orchard Old. Cap., $18,000. Mines at Silver Plume.
Silver—Pay Rock Silver Mines, Ltd., 110 Cannon st., E. C. London, Eng. J. B. Palmer, secy.; Henry Hicks, John Pound and Henry Stourton, directors. Cap. stk., £200,000, £193,000 pd. up. Pay Rock mine. Shaft, 1,000 ft. Tunnel. Refractory ore.
G.S.—Pelican Dives Mining Co.
Gold—Snow Drift Mining Co.
G.S.—Terrible Mining Co.

GILLETT, El Paso Co. Tel. Ry. 526.
Gold—Last Resort Gold Mining Co.
Gold—Lincoln Mines. (J. C. Davidson, E. P., P. W. and D. G. Dargin, and John Sipple, owners.) 14 employes.
Gold—Little Alice Gold Mg. Co. Cripple Creek claims.

GILMAN, Eagle Co. Pop. 442. M.O. Tel. Ry. name Rock Creek, 249. Banking town Leadville.
Gold—Calumet Mining Co.
G.S.—T. W. Vincent.

GLENWOOD SPRINGS, Garfield Co. Pop. 920. M.O. Tel. Ry. 207; 249.
Gold—Broad Mt. Mining Co.
Gold—Dec France Mt. Mining Co.
G.S.—W. B. Devereux.
G.S.—T. C. Ewing.
G.S.—J. H. Felser.
G.S.—Chas. First.
G.S.—Wm. Gelder.
G.S.—Glenwood Mining Co.
G.S.—Grant & Murphy.
G.S.—H. R. Kaurn.
G.S.—Edward Korupkat.
G.S.—C. N. Lee.
G.S.—P. Meadows.
Silver—Robt. Murray Mining Co.
G.S.—Oasis Mining Co.
G.S.—Jno. Shumak.

GOLDEN, Jefferson Co. Pop. 2,500. M.O. Tel. Ry. 250; 898.
Lig.—Golden Pressed & Fire Brick Co., 819 17th st., Denver, Colo. Star mine. Lignite. (Idle.)
Stone—Green Mt. Quarry.
B.Coal—Mt. Carbon Coal Co.
Stone—J. Simmons.
B.Coal—White Ash Coal Mining Co.

GOLDHILL, Boulder Co. Pop. 300. M.O. Ry. 898. Banking town Boulder.
Gold—Cash Mining & Milling Co.
G.S.—King Mining Co.
G.S.—Long Gulch Mining Co.
G.S.—St. Joe Mining Co.

GRAND JUNCTION, Mesa Co. M.O. Tel. Ry. 207; 209a; 249; 737.
G.S.—Argent Cons. Mining & Milling Co.
B.Coal—Book Cliff Coal Co.
B.Coal—W. T. Carpenter. Tunnel, 2,000 ft. 25,000 tons. 3 coke ovens. 12 miles ry.; 2 locomotives and 50 cars.
Asph.—Colorado Asphaltum Co. Asphaltum beds at Meeker, Colo.
Gold—Gogebic Mining & Milling Co.
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GRAND JUNCTION—Continued.
G.S.—Gold & Silver Fleece Mining Co., 19 Canon blk. J. J. Lumsden, pres.; R. E. Fletcher, v. pres. and treas.; W. A. Marsh, secy.; N. J. Krusen, gen. mgr. Cap. stk., $500,000. Mine at Lake City.
C.Ir.E.—Horace C. Hall, civil and irrigation engineer.

GRANDLAKE, Grand Co. Pop. 100. Banking town and Ry. Georgetown, 898.
G.S.—Isaac Alden.
G.S.—J. Cairns.
G.S.—L. Coffin.
G.S.—J. Elliott.
G.S.—A. A. Fairhart.
Gold—Robt. C. Graves.
G.S.—W. C. Greggs.
Gold—Clyde W. King.
S.L.—J. N. Pettingill. Silver and lead.
G.S.—Jno. Smart.
Gold—J. L. Wescott. Black Eagle mine. Shaft, 50 ft.

GRANITE, Chaffee Co. Pop. 142. M.O. Tel. Ry. 207; 249. Banking town Buenavista.
Gold—Twin Lakes Hydraulic Gold Mining Synd.

GRASSY, El Paso Co. P.O. Macon. Ry. 526.
Gold—Dold M. & M. Co., 1002 N. Corona st., Colorado Springs. Lonely Maid mine. Shaft, 75 ft. 3 employes. Whim. C. W. Parshall, mine supt.
Gold—Homestake Gold M. & M. Co., P.O. Box 414, Colorado Springs. Homestake, Gold Queen and Last Lode mines. Shafts, tunnels and drifts. Free and refractory ores. 300 days; 10 employes. Steam and horse.

GREELEY, Weld Co. Pop. 2,395. M.O. Tel. Ry. 898; 899.
G.S.—Greeley Mining & Milling Co.

GREEN MOUNTAIN FALLS, El Paso Co. P.O. Green. Tel. Ry. 207. Banking town Manitou.
G.S.—Green Mountain Falls Co.
G.S.—Jewett Tunnel Mine.
G.S.—Rampart Mining Co. Red Spruce mine. Shaft, 75 ft. Free ore. 4 employes. E. E. Brown, mine supt.
Gold—J. F. Reynolds. J. Finley mine. Shaft, 10 ft. Free ore.
America mine. Shaft, 20 ft. Free ore. (Developing.)

GREENWOOD, Custer Co. Banking town and Ry. Florence, 31; 249; 307.
G.S.—H. W. Emen.

GUNNISON, Gunnison Co. Pop. 1,195. M.O. Tel. Ry. 249; 251.
C.I.—Gunnison Coal & Iron Co.
Gold—Gunnison Prospecting, Mining & Milling Co.
G.S.—J. S. Lawrence.
Iron—B. W. Lewis.
G.S.—Jno. McCormick.
Gold—Midland Mining & Milling Co.
Stone—J. G. Zuegelder.

GUSTON, Ouray Co. Tel. Ry. Yankee Girl, 824.
G.S.—Genesee-Vanderbilt Mining Co. C. M. Foster, pres.; A. M. Meints, v. pres.; Otto J. Schulz, secy. and treas.; W. H. Bunce, gen. mgr. Wm. C. Zelle, buyer. Genesee-Vanderbilt mines. Shaft, 700 ft. Tunnel, 800 ft. Refractory ore. 3,000 tons; 300 days; 45 employes. Electricity and steam.

GYPSUM, Eagle Co. Pop. 122. M.O. Tel. Ry. 249. Banking town Glenwood Springs.
G.S.—Frank Allen.

HAHNS PEAK, Routt Co. Pop. 42. M.O. Tel. Ry. Wolcott, 249. Banking town Steamboat Springs.
Gold—Beach & Waldron.
G.S.—A. S. Hutchinson.
Gold—D. Miller.

HALLVALE, Park Co. Pop. 53. Ry. Webster, 251.
G.S.—Comet Cons. Mg. Co.
G.S.—Eugene Knight.
G.S.—D. H. Wilson.

HALL VALLEY, Park Co. Pop. 53. P.O. Hallvale. Banking town and Ry. Alma, 251; 474a.
G.S.—J. M. Kline.

HAWORTH, Larimer Co. M.O. Ry. Laramie, Wyo., 899.
G.S.—W. E. Baldwin.
G.S.—Frank Brazil.
G.S.—Sam'l. Carder.
G.S.—Michael Connors.
G.S.—O. H. Dunham.
G.S.—Leslie Gillette.

HAWORTH—Continued.
G.S.—S. M. Hardy. Gold and silver.
Gold—Gilbert Hays.
G.S.—Jno. Howard. Gold and silver.
G.S.—Jas. Kelly. Gold and silver.
G.S.—Wm. Kerr. Gold and silver.
G.S.—Henry McGuffey. Gold and silver.
G.S.—J. Mace. Gold and silver.
G.S.—J. Mathews. Gold and silver.
G.S.—Speck & Ruspier. Gold and silver.
G.S.—Thos. Vills. Gold and silver.

HEBRON, Larimer Co. Ry. Laramie, Wyo., 899.
C.Coal—Riach Bros. Little Grizzly mine. Open pit. 500 tons; 60 days. (Local.)

HESPERUS, La Plata Co. M.O. Tel. Ry. 736.
Stone—Coppenger, Jackway & Stubbs.
G.S.—J. W. Laird. Gold and silver.
B.Coal—Price, Humstone & Carr.
G.S.—W. B. Ritter. Gold and silver.
G.S.—Jas. G. Sheek. Gold and silver.
G.S.—J. S. Sheek. Gold and silver.
B.Coal—Ute Coal & Coke Co., Durango. Ute mine. Tunnel. 25,000 tons; 200 days; 30 employes.
G.S.—Wm. T. Valls. Gold and silver.
G.S.—Dr. J. P. Wallace. Gold and silver.

HILLSIDE, Fremont Co. Ry. Cotopaxie, 249. Banking town Canon City.
G.S.—A. W. Coale. Gold and silver.
Iron—J. M. Duckert.
G.S.—L. R. Hayden. Gold and silver.
Copp.—Eugene McCormick. Copper.
Copp.—J. D. Voris Copper Mining Co.

HOLY CROSS, Eagle Co. Ry. Redcliff, 249.
Gold—Camp Fancy Mining Co.
G.S.—Cross Creek Mining Co. Gold and silver.
G.S.—French Mt. Mining Co. Gold and silver.
Gold—Holy Cross Gold Mining & Milling Co., 62 Railroad bldg., Denver. Holy Cross mines. Refractory ore. 300 days; 25 employes. Concentrator, 100 tons daily capacity. Steam.

HOLYOKE, Phillips Co. Pop. 649. M.O. Tel. Ry. 99.
Gold—Carnbean Mining Co.

HORSESHOE, Park Co. P.O. and Ry. Fairplay, 251.
S.L.—N. L. Gibson. Silver and lead.

HOWARD, Fremont Co. Pop. 109. Tel. Ry. 249. Banking town Salida.
S.Cop.—Chas. Chaners. Copper and silver.
G.S.L.—J. Pregrine. Shaft. Gold, silver and lead.
Stone—Sheafer & Co.
G.S.—Jno. Taylor. Gold and silver.

HOWARDSVILLE, San Juan Co. Pop. 53. Ry. Silverton, 249; 824.
G.S.—Jno. Fernando. Gold and silver.
G.S.—Henry Forsythe. Gold and silver.
G.S.L.—Richard Hill, lessee, Silverton. Green Mountain mine. Four tunnels; No. 1, 800; No. 2, 500; No. 3, 400, and No. 4, 400 ft. Free ore. 500 tons; 250 days; 9 employes. Hand jig.
G.S.—Geo. W. Howard. Gold and silver. Mine at Eureka.
G.S.—Andrew Kauth. Gold and silver.
G.S.—O. D. Kimball. Gold and silver.
G.S.Cop.—McDonnell & Rowan, Silverton. Pink Beauty mine. Shaft, 125 ft. Free ore. 250 days; 4 employes. Water.
G.S.—Louis Meyer. Gold and silver.
G.S.—R. Negold. Gold and silver.
G.S.—A. A. Nelson. Gold and silver.
G.S.—Edward Olson. Gold and silver.
G.S.—J. S. Robinson. Gold and silver.
G.S.—T. M. Tupper. Gold and silver.

IDAHO SPRINGS, Clear Creek Co. Pop. 1,338. M.O. Tel. Ry. 898.
G.S.—Alice Mining & Milling Co., 1114 16th st., Denver. Alice mine. Shaft, 100 ft. Tunnel, 600 ft. Refractory ore. 200 days; 20 employes Concentrator, 100 tons daily capacity. Wm. M. Mitchell, supt.
G.S.—C. J. Allen. Gold and silver.
Gold—Amazon Mining Co.
Gold—Argo Mining Co.
G.S.—J. F. & F. H. Beers, 115 Broadway, New York. Bismarck, Star, Rochester, Stumptail and Sun and Moon mines. Operating Bismarck, Sun and Moon. Gold and silver. Shafts. Free ore. 20-stamp mill. Concentrator, 20 tons daily capacity. 50 employes. E. H. Teats, mine supt.
Atty.—A. D. Bullis. Attorney at law.
Gold—Centennial Mining Co.
Gold—Christiansen & Wilkie Mining Co.
G.S.—Clarissa Mining Co. Gold and silver.
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IDAHO SPRINGS—Continued.
G.S.L.—Commonwealth Mining Co. Gold, silver and lead.
Gold—Conduit Gold Mining Co., Boston bldg., Denver. Bellman mine. Shaft, 350 ft. Refractory ore. 300 days; 20 employes. Steam. Concentrator, 20 tons daily capacity.
Gold—Consolidated Seaton Mining Co.
G.S.L.—Consolidated Fraction Mining Co. W. J. Manley, pres. and gen. mgr.; J. H. Shepherd, v. pres.; A. D. Bullis, secy. and treas. Cap. stk., $100,000. Fraction mine. Gold, silver and lead. Incline shaft, 300 ft. Refractory ore. 500 tons; 300 days; 40 employes. Steam.
Kitty Clyde mine. Gold, silver and lead. Incline shaft, 300 ft. Refractory ore. 100 tons; 300 days; 10 employes. 10 stamps, 10 tons daily capacity. Steam.
Carlin mine. Gold silver and lead. Five incline shafts, 50 ft. each. Refractory ore. 100 tons; 300 days; 10 employes. W. J. Manley, mine supt.
Gold—Crown Point & Virginia Gold Mining Co., Boston bldg., Denver. Shaft, 500 ft. Tunnel, 3,000 ft. 300 days; 50 employes. Steam. Concentrator, 60 tons daily capacity.
Gold—Donaldson Mining & Milling Co.
Gold—Edgar Mining Co.
G.S.—Edgar Union Mining Co. Gold and silver.
G.S.—J. J. Elliott. Gold and silver.
G.S.—Fraction Mining Co. Gold and silver.
Gold—Fair Mount & Shofer Mining Co.
Gold—Freeland Mining Co.
Gold—Gem Mining Co.
G.S.C.—R. B. Griffith. Lord Byron mine. Gold, silver, lead and copper. Shaft, 120 ft. Crosscut, 200 ft. Refractory ore. 25 tons; 60 days; 4 employes.
Gold—Himrod & Hanchett. Mine at Empire.
G.S.—Himrod & Hudson, 191 Fulton st., New York. Lamartine mine. Gold, silver, lead and zinc. Shaft, 900 ft. Tunnel, 4,200 ft. Refractory ore. 2,500 tons; 300 days; 90 employes. Steam. John Lang, mine supt.
Gold—Hoosac Mining Co.
Gold—Hukill Mining Co.
Gold—Humphrey Mining & Milling Co.
G.S.—Idaho Springs Mining & Developing Co. Gold and silver.
G.S.C.—Kohinoor & Donaldson Mining Co., Ltd. Gold, silver and copper.
Gold—Lexington Mining Co.
G.S.—H. P. Lowe. Gold and silver.
G.S.—David Lumley & Co. Gold and silver.
G.S.—Mayflower Mining Co. Gold and silver.
Gold—Newhouse Tunnel Co.
Gold—Newton Mining & Milling Co.
Gold—Osburn Mining & Milling Co.
G.S.—F. F. Osleiston. Gold and silver.
G.S.—Pewabic Mining Co., Denver. Nine claims. Gold and silver. Tunnels. Free ore. 300 days; 10 employes.
G.S.—W. C. Renshaw. Gold and silver.
G.S.L.—Est. of Jno. Reynolds. Gold, silver and lead.
G.S.—Salisbury Mining & Milling Co. Gold and silver.
G.S.—Seaton Mining Co. Gold, silver and lead.
Silv.—Silver Ledge Mining Co. Silver.
Gold—Spring Gulch Gold Mining Co.
G.S.—Stanley Mining Co. Gold and silver.
G.S.C.—Chas. Stimson and Estate of A. P. Fonda. A. E. Swain, M. E., gen. mgr. Gem, Max and other mines. Gold, silver and copper. Shaft, 350 ft. Tunnel, 1,500 ft. Refractory ore.
G.S.—Tropic Mining Co. Gold and silver.
G.S.—Herbert Westcott. Gold and silver.

IRONTON, Ouray Co. Tel. Ry. 824.
G.S.—Jno. Ferrill. Gold and silver.
Gold—Kentucky Mining Co.

IRONTOWN, Boulder Co. Ry. Boulder, 898.
G.S.—Peoria Gold & Silver Mining Co., Peoria, Ill. Pine Shade mine. Gold and silver. Shaft. Free ore. 50,000 tons; 200 days; 20 employes. 20-stamp mill, 20 tons daily capacity.

IRWIN, Gunnison Co. M.O. Ry. 249. Banking town Crested Butte.
Gold—Black Queen Mining Co.
G.S.—Bullion King Mining Co. Gold and silver.
Gold—Daisy Mining Co.
G.S.—Forest Queen Mining Co. S. Brinkerhoff, pres.; M. Spangler, v. pres.; B. F. Woodward, secy.; F. W. Fuller, treas., gen. mgr. and buyer. Cap. stk., $1,000,000, pd. up. Forest Queen mine. Gold and silver. Shaft, 315 ft. Tunnel, 1,300 ft. Refractory ore. Steam. Concentrator. Water power. 15 tons daily capacity. F. W. Fuller, mine supt.
G.S.—Irwin Milling & Power Co. (F. W. Fuller and S. F. Ropell, props.) Free ore. Water and steam. 5-stamp mill.
G.S.—Ruby Chief Mining Co. Gold and silver.

JAMESTOWN, Boulder Co. Pop. 212. M.O. Banking town and Ry. Boulder, 899.
Gold—H. C. Albertson.
Gold—Argo Gold Mining & Milling Co.
Gold—Baltimore Belle Mining Co. (See Wm. Brown.)
Gold—William Brown. Buena mine. Shaft, 250 ft. Tunnel, 200 ft. Refractory ore. Steam.
Baltimore Belle mine. (Developing.)
G.S.—W. B. Clemens. Gold and silver.
G.S.—December Mining Co. Gold and silver.
G.S.—G. J. Evans. Gold and silver.
G.S.—W. J. Evans. Gold and silver.
G.S.—Chas. Faiver. Gold and silver.
Gold—Gebhard & Brown.
G.S.—Golden Age Mining & Milling Co. Gold and silver.
G.S.—Governors Gap Mining Co. Gold and silver.
G.S.—O. N. Heckman. Gold and silver.
G.S.C.—J. Jay Mining Co. Gold, silver and copper.
G.S.—A. J. McCorkle. Gold and silver.
G.S.—Timothy O'Conner. Gold and silver.
G.S.—Dave Osterweis. Rip Van Dam mine. Gold and silver.
Gold—L. J. Talbot, lessee. Free ore.
G.S.—Geo. Walker. Gold and silver.

JIMTOWN, Mineral Co. Pop. 2,000. P.O. Amethyst. Tel. Ry. 249.
G.S.—Alpha Mining & Milling Co., 913 N. Wahsatch ave., Colorado Springs. Alpha mine. Gold and silver. Tunnels, 500 and 800 ft. Refractory ore. 4,800 tons; 300 days; 4 employes. Concentrator, 2 tons daily capacity.

LAFAYETTE, Boulder Co. Pop. 1,000. M.O. Tel. Ry. 898. Banking town Boulder.
Lig.—Colorado Smokeless Coal Co., 721 16th st., Denver. Otis mine. Lignite. Shaft, 240 ft. 4,000 tons. Steam.
Lig.—Gladstone Coal Mining Co. Wm. Padfield, pres. and gen. mgr.; W. H. Bryant, secy.; James Hopkins, treas. Cap. stk. $100,000. Gladstone mine. Lignite. Shaft, 240 ft. 35,000 tons; 170 days; 40 employes. Steam. L. S. Jones, mine supt.
B.Coal—Padfield & Hopkins.

LA GARITA, Saguache Co. P.O. and banking town Del Norte. Ry. 249.
G.S.—D. H. Dunn. Gold and silver.
G.S.—W. T. Knowlton. Gold and silver.
Gold—J. R. McLeod.
G.S.—G. D. Nickel. Gold and silver.
G.S.—Mark Riedell. Gold and silver.
Gold—J. S. Sanderson.
G.S.—J. H. Shaw. Gold and silver.

LAKE CITY, Hinsdale Co. Pop. 607. M.O. Tel. Ry. 249.
Gold—Belle of Alabama Mining Co.
G.S.L.—Black Swan Mining Co. Gold, silver and lead.
G.S.—Bonanza Mining Co. Gold and silver.
G.S.—Brick Pomeroy Mining Co. Gold and silver.
G.S.L.—Burns Mining Co. Gold, silver and lead.
G.S.—Jas. A. Chapman. Gold and silver.
Gold—Clare L. Mining Co.
Gold—Contention Mining Co.
G.S.—Cresco Mining Co.
Gold—Crowe Mining & Milling Co.
G.S.—Crown Point Mining Co.
G.S.—Czar Mining Co.
G.S.—M. Dempsey.
Gold—Double Standard Mining Co.
G.S.—Excelsior Mining Co.
Gold—Fidelia Mining Co.
G.S.—Gold & Silver Fleece Mining Co., 19 Canon blk., Grand Junction. Gold, silver, lead and copper. Shafts, 37, 52 and 80 ft. Tunnels, 42, 158 and 123 ft. N. J. Krusen, mine supt.
G.S.—Golden Fleece Mining & Milling Co., 101 Boston blk., Denver. Golden Fleece mine. Gold and silver. Shaft and 3 tunnels. Refractory ore. 1,670 tons; 300 days; 90 employes. Steam. W. A. Akers, mine supt.
Gold—Golden Wonder Mining Co.
G.S.—Hamilton Mining Co. Gold and silver.
Gold—Illinois Boy Mining Co.
G.S.L.—Independence Mining Co. Gold, silver and lead.
Gold—Krusen & Lumsden.
G.S.C.—Lewman & Brown. Gold, silver, copper and lead.
G.S.—Little Kittie Mining Co. Gold and silver.
Gold—Magnolia Mining Co.
G.S.—Mora Mining Co. Gold and silver.
G.S.—Ocean Wave Mining Co. Gold and silver.
G.S.L.—Red Bird Mining Co., 6 Walbrack blk., Denver. Red Bird mine. Gold, silver and lead. Tunnel, 126 ft. (Developing.)
G.S.—D. Sherbine. Gold and silver.
G.S.—Wall Street Mining Co. Gold and silver.

LAMARTINE, Clear Creek Co. Banking town and Ry. Idaho Springs, 898.
Silv.—Ute Chief Mining Co., 1725 Arapahoe st., Denver.

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LAMARTINE—Continued.
American Eagle mine. Silver. Shaft, 150 ft. Silver and little gold. Smelting ore. Whim. Fred A. Cox, M. E., mine supt.

LANGFORD, Boulder Co. Pop. 233. Ry. Marshall, 898.
Lig.—Fox Coal Co. M. Fox, gen. supt. Fox mine. Slope. Lignite. 17,000 tons; 20 employes.
Lig.—Austin G. Gorham, 606-7 Boston bldg., Denver. Marshall Nos. 2, 6 and 7 mines. No. 2 drift, 1,200 ft. No. 6 tunnel, 1,500 ft. Slope, 800 ft. No. 7 drift, 300 ft. 50,000 tons; 200 days; 90 employes. No. 6, steam. Nos. 2 and 7, mule. No. 6, Felix McKenna, supt. No. 2, Ralph Morton, supt. No. 7, Wm. Rosser, supt.

LAPLATA, La Plata Co. Ry. Parrott, 786.
Silver—P. F. Griggs, J. S. D. Hopkins and others. Crown mine. Tunnel, 70 ft. Refractory ore. Assessment work. (Developing.)
Gold-S.—Chas. Newman, Durango, and J. S. D. Hopkins, Parrott. Quiz mine. Shaft and tunnel. Refractory ore. (Developing.)
G.S.—Prett, Teachsler & Co. Gold and silver.

LARKSPUR, Douglas Co. Pop. 178. Tel. Ry. 31; 249.
Stone—Bills & Russell Bros.

LAVETA, Huerfano Co. Pop. 361. M.O. Tel. Ry. 249. Banking town Walsenburg.
B.Coal—W. H. Adamson. Indian Creek mine. Semi-bituminous. Drift. 4 employes.
G.S.—Elrod & Graham. Gold and silver.
Copp.—Jno. Herbin. Copper.
S.L.—Ireland Bros. & Kane. Silver and lead. Refractory ore.
G.S.—Taylor Markley. Gold and silver.
G.S.L.—Morse, Clifford & Hills. Gold, silver and lead.
G.S.—Pine Grove Mining & Milling Co. Gold and silver. Free ore.
G.S.—Sefton & Sloan. Gold, silver and iron. Refractory ore.
G.S.—Ed. Shafer. Gold and silver.
S.L.—Silver Mountain Mining & Milling Co. Silver and lead. Free ore.
G.S.—W. Springer. Gold and silver.
G.S.—O. D. Staplin. Gold and silver.

LAWRENCE, El Paso Co. Ry. Anaconda, 307. Banking town Colorado Springs.
Smlt.—Lawrence Gold Extraction Co. J. R. De Lamar, pres.; Geo. W. Peirce, v. pres. and treas.; C. M. Mac Neill, secy. Cap. stk. $100,000, pd. up. Smelter.

LAWSON, Clear Creek Co. Pop. 162. M.O. Ry. 898. Banking town Georgetown.
Silv.—J. W. Hunter. Silver. Free ore.
G.S.L.—Matilda Fletcher Mining Co. Gold, silver and lead.

LAY, Routt Co. Ry. Rifle, 31; 249.
B.Coal—A. G. Wallahan.

LEADVILLE, Lake Co. Pop. 11,000. M.O. Tel. Ry. 207; 249; 251.
Gold—Agassiz Mining Co.
Gold-S.—Alps Consolidated Mining Co., branch office 44 Broadway, New York. F. Prentice, pres.; G. L. Havens, v. pres.; Howell Smith, secy.; Berkeley T. Wood, treas. Cap. stk. $10,000,000. Alps Nos. 1 and 2, Columbus and Helvetia mines. 4 shafts, slopes. Refractory and free ore. Leased to other parties.
G.S.—American Mining Co. Gold and silver.
Smlt.—American Smelting Works. Gold and silver bullion, pig lead and copper matte. Brands, "Aurora Refined," "Aurora" and "Chicago." (See Chicago and Aurora Smelting & Refining Co., Chicago and Aurora, Ill.)
Gold—Antelope Mining Co.
Gold—Antioch Mining Co.
Smlt.—Arkansas Valley Smelter.
Gold—Bangkok Mining Co.
Gold—Big Chief Mining Co.
G.S.—Big Four Mining Co. Gold and silver.
Gold—Big Pittsburg Mining Co.
Smlt.—Bi-Metallic Smelting Co.
G.S.—Bison Mining Co. Gold and silver.
G.S.—A. V. Bohn, 6th and Harrison ave. Arkansas mine. Gold. Shaft, 150 ft. Refractory ore. 6 employes. Steam.
Chrysolite Lease Mine. Silver. Shaft. 250 ft. Refractory ore. 10 employes. Steam.
I.L.S.—Bohn Mining Co., 6th and Harrison ave. A. Sherwin, pres.; S. D. Wilder, secy. and treas.; A. V. Bohn, gen. mgr. and buyer. Bohn mine. Shaft, 460 ft. Iron, silver and lead. Refractory ore. 3,000 tons; 300 days; 45 employes. Steam.

LEADVILLE—Continued.

Silv.—Boreel Mining Co., 1 Broadway, New York City. Gonalrod mine. Silver and lead. Shaft, 800 ft. Refractory ore. 20,000 tons; 300 days; 75 employes.
Gold—J. J. Brown.
G.S.—Bulkley Bros. Gold and silver.
G.S.L.—F. G. Bulkley, 843 Equitable bldg., Denver. Toyama mine. Shaft, 525 ft. Gold, silver and lead. Smelting ore. 300 days; 12 employes. Max Boehmer, mine supt.
S.L.—Fred G. Bulkley & J. F. McDonald, P.O. Box 257. Penrose mine. Silver and lead. Shaft, 650 ft. Refractory ore. 8,000 tons; 300 days; 75 employes. Steam. Eben Smith, mine supt.
Silver—F. G. Bulkley & T. S. Wood. Genesee mine. Silver. Shaft, 450 ft. (Leased to the Union Leasing Co.) S. W. Mudd, mine supt.
Gold—Burnett Mining Co.
G.S.—Catulpa Mining Co. Gold and silver.
G.S.—Geo. Champion. Gold and silver.
Smlt.—Chicago & Aurora Smelting & Refining Co., 184 La Salle St., Chicago. American Smelting Works. Seven blast furnaces, also roasting furnaces; 120,000 tons lead, silver and gold ores. Bullion product refined at Aurora and Chicago, Ill.
G.S.L.—M. Christman. Gold, silver and lead. Refractory ore.
Gold—Chrysolite Mining Co.
G.S.—Citizens' Mining & Leasing Co. Gold and silver.
Silv.—Clara Mining & Milling Co. C. Hood, Emporia, Ks., pres.; Wm. Martindale, Emporia, Ks., v. pres.; S. W. Mudd, secy. and treas. Cap. stk. $1,000,000, pd. up. Colorado Boy and other claims. Silver-lead ore. (Idle.)
Gold—Cleveland Gold Mining Co.
S.L.—Col. Sellers Mining Co. Silver and lead.
G.S.—Compromise Mining Co. Gold and silver.
G.S.—Continental Chief Mining Co. Gold and silver.
Gold—Coronado Mining Co.
G.S.—Crescent Mining Co. Gold and silver.
Gold—Curran Mining Co.
Gold—Chas. Dalker, 427 E. 7th st.
Silver—Delante Mining Co. Robt. B. Estey, pres.; S. W. Mudd, v. pres., treas. and gen. mgr. Cap. stk. $500,000, pd. up. Delante mine. Shaft, 450 ft. Refractory ore. 350 days; 30 employes. Steam.
Silver—Denver City Mining Co. F. F. D'Arignon, pres.; F. W. Owers, v. pres.; J. J. Blow, secy. and gen. mgr. Silver and fluxing iron. Shaft, 300 ft. Steam.
S.L.—Denver Mining Co. Silver and lead.
G.S.L.—Dunkin Mining Co. Gold, silver and lead.
Smlt.—Elgin Smelting Co.
G.S.—Emmet Mining Co. Gold and silver.
S.L.—Evening Star Mining Co. Silver, lead and fluxing iron.
G.S.—Farwell Consolidated Mining Co. Gold and silver.
G.S.—Fitzhugh Mining Co. Gold and silver.
S.L.—Flagstaff Mining Co. Silver and lead.
G.S.—Glass Pendery Mining Co. Gold and silver.
S.L.Z.—Chas. H. Graham. Silver, lead, zinc and iron.
Gold—Granite Gold Exploration Co.
G.S.—Gray Eagle Consolidated Mining Co. Gold and silver.
R.Wks.—Harrison Reduction Works.
Gold—Helena Mining Co.
G.S.C.—Henrietta & Maid Consolidated Mining Co. Gold, silver, copper and lead.
Chem.—J. Clarence Hersey, chemist and assayer. Mine manager.
M.E.—W. E. Hindry, metallurgical and mining engineer, 10 Chicago blk.
G.S.—Humboldt Mining Co. Gold and silver.
Gold—Ibex Mining Co.
S.L.—Iron Silver Mining Co. Silver and lead.
S.L.—La Plata Mines Co., Ltd., 11 Poultry, E. C., London, Eng. Findlay Wallace, G. F. Tavenor, John Turner Hopewood, J. P., D. L.; Charles Henry Thompson, Vaughan W. Jones and W. B. Jeffries, directors. Philip Argall, resident mgr. and mining egineer. La Plata mine. Silver and lead. Shaft.
Sav.—Lawrence, Hazlett & Co. Mahala mine. Silver.
S.L.—Leadville Consolidated Mining Co., No. 1 Broadway, New York. Silver and lead. Refractory ore. 300 days; 20 employes.
Gold—Leadville Mining & Leasing Co.
G.S.—Lee Basin Mining Co. Gold and silver.
G.S.—Lilian Mining Co., 2 Delaware blk. Chas. B. Farwell, Chicago, pres.; Tingley S. Wood, v. pres. and gen. mgr.; C. T. Carnahan, secy. Cap. stk. $2,000,000. Gold and silver. 40 employes.
Gold—Little Chief Mining Co.
Silv.—Little Pittsburg Mining Co. Silver.
Gold—Little Winnie Mining Co.
Gold—Jesse F. McDonald, 129 W. 8th st. Penrose mine. Also mines at Robinson.
M.E.—C. H. Macnutt, mining engineer.
Silv.—Mahala Mine. Silver. 14 Delaware blk. P. C. Shull, gen. mgr.
Gold—Maid of Erin Silver Mining Co.
Gold—Matchless Mining Co.
Gold—Mikado Mining & Smelting Co.
Silv.—Mike & Star. Silver.

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LEADVILLE—Continued.

G.S.—Minnie Mining Co. Gold and silver.
S.L.—Morning Star Consolidated Mining Co. Silver and lead.
Gold—Morning Star Mining Co.
M.E.—Seeley W. Mudd, metallurgist and mining engineer.
G.S.—Nisi Prius Mining & Leasing Co. Gold and silver.
G.S.—Northern Mining Co. Gold and silver.
Gold—Ouray Mining & Development Co.
G.S.—Resurrection Mining Co. Gold and silver.
G.S.—Robt. E. Lee Mining Co. Gold and silver.
G.S.—Robinson Consolidated Mining Co. Gold and silver.
Gold—Searle Placer Mining Co.
G.S.—Sherwin Mining Co. Gold and silver.
Silv.—Silver Cord Comb Mining Co. Silver.
M.E.—F. M. Skiff, mining engineer.
Silv.—Small Hopes Consolidated Mining Co., 1 Broadway, New York. Forest City and Emmet mines. Silver. Shaft. 300 days; 75 employes. Steam.
U.S.Sur.—W. L. G. Smith, mining engineer. U. S. deputy surveyor.
G.S.L.—Smuggler Consolidated Mining Co. Silver and lead.
G.S.—Spot Cash Mining Co. Gold and silver.
Silv.—Star of Hope Mining Co. Silver.
G.S.—Maurice Starne. Gold and silver.
S.I.—Sulphide Mining Co. Anton Eilers, pres.; Percival Kuhne, v. pres.; J. J. Blow, sec. and gen. mgr. Cap. stk. $500,000, pd. up. Silver and iron. Shaft, 360 ft. Steam.
S.L.—Turbot Mining Co. Silver and lead.
S.L.—Union Leasing & Mining Co. Lessees of Bangkok and Cora Bell mines. Silver and lead. Owned by Bangkok-Cora Bell Mining Co., 627 Mg. Exch. bldg., Denver.
Smlt.—Union Smelter.
S.I.—Weldon Mining Co., Denver. Weldon mines Nos. 1 and 2. Silver and iron. Two shafts, 600 ft. each. Refractory ore. 16,000 tons; 300 days; 80 employes. Steam. Bert Schlessinger, mine supt.
Silv.—Weldon Mining Co., Denver. Weldon mine. Silver. Shaft. Smelting ore. Bert Schlessinger, mine supt.
G.S.L.—White Cap Mining Co. Gold, silver and lead.
S.L.—Winnie Mining Co. Silver and lead.
G.S.—Yankee Mining & Milling Co. Gold and silver.

LENADO, Pitkin Co. Pop. 500. P.O. and Ry. Aspen, 207; 249.
S.L.—Aspen Contact Mining Co., Colorado Springs. 75 acres of claims. Silver and lead. Shaft, 200 ft. Tunnel, 700 ft. Smelting ore. 500 tons; 250 days; 10 employes. Water and steam.
G.S.—Bimetallic Mining & Milling Co., Colorado Springs. 200 acres of claims. Gold and silver. Tunnel, 1,500 ft. (Developing.)

LINCOLN STATION, Lincoln Co. Tel. Ry. 177; 899.
G.C.I.—Clark & Reithmann. Gold, copper, iron and lead. Refractory ore.
G.C.—Silver Plume Consolidated Mining Co. Gold and copper.

LONGMONT, Boulder Co. Pop. 1,543. M.O. Tel. Ry. 99; 898.
Stone—Calkins & Grant.
G.S.—Long's Peak Mining & Milling Co. Gold and silver.

LOUISVILLE, Boulder Co. Pop 596. M.O. Tel. Ry. 898. Banking town Boulder.
B.Coal—Acme Coal Mining Co., 1631 Champa st., Denver. Acme mine.
Coal—Hecla Coal Mining Co. Shaft. Lignite.
Coal—Leader Coal Mining Co., Denver. Leader mine. Lignite. Shaft, 150 ft. 50,000 tons; 300 days; 60 employes. Steam. J. H. Connell, mine supt.
B.Coal—Louisville Coal Mining Co.
Coal—United Coal Co., 524 Ernest & Cranmer bldg., Denver. Acme, Caledonia, Excelsior and Spencer Simpson mines. Lignite. Shaft, 240 ft. 190,000 tons; 200 days; 400 employes. Steam. J. H. Simpson, mine supt.

LOVELAND, Larimer Co. Pop. 698. M.O. Tel. Ry. 898.
Stone—A. Wild. Limestone.

LYONS, Boulder Co. Pop. 574. M.O. Tel. Ry. 99.
Stone—E. S. Lyons. Limestone.
Stone—J. W. Tumbleson. Limestone.

MAGNOLIA, Boulder Co. Ry. Boulder, 898.
Gold—F. B. Beaumont, 50 State st., Boston, Mass. India mine. Shaft.
Gold—R. A. Bigger.
G.S.—Boulder Consolidated Mining Co. Gold and silver.
G.S.—C. Buckingham. Gold and silver.
Gold—Crater Mining Co.
G.S.—Forlorn Hope Mining Co. Gold and silver.
G.S.—A. Haly. Gold and silver.
Gold—Keystone Mining Co.
G.S.—Kirkionga Mining Co. Gold and silver.
G.S.—G. Lytle. Gold and silver.

MAGNOLIA—Continued.
G.S.—J. Martin. Gold and silver.
Gold—Nellie Bly Gold Mining & Reduction Co., P.O. Box 661, Boulder. Keystone mine. Shaft, 400 ft. Refractory ore. Steam. B. C. Hinman, mine supt.
G.S.—W. P. Sale. Gold and silver.
G.S.—Seeley Mining Co. Gold and silver.
G.S.—C. Stowell. Gold and silver.

MALACHITE, Huerfano Co. Banking town and ry. Walsenburg, 249; 898.
G.S.—Wm. Decker. Gold and silver.
G.S.—McIntyre & Mack. Gold and silver.
G.S.—H. S. Niles & Sons. Gold and silver.
G.S.—Dave Vessels. Gold and silver.
G.S.—J. W. Vinton. Gold and silver.

MANCOS, Montezuma Co. Pop. 120. M.O. Tel. Ry. 736.
C.Coal—G. M. Cannel Coal Co.
G.S.C.—C. E. Hawkins. Gold, silver, copper and lead.
Gold—Hayden Mining & Milling Co.
G.S.—J. G. Price & Co. Gold and silver.
G.S.—Saratoga Mancos Gold Mining Co. Gold and silver. Refractory ore.
G.S.—Jno. Wesch. Gold and silver.

MANHATTAN, Larimer Co. Ry. La Porte, 898. Banking town Fort Collins.
Stone—B. T. Burnett.
G.S.—Manhattan Silver Mining & Milling Co. Gold and silver.
Stone—T. J. Montgomery.
Stone—J. Zimmerman.

MANITOU, El Paso Co. Pop. 1,739. M.O. Tel. Ry. 207; 249; 499.
G.S.—Agnes C. Mining Co. Gold and silver.
Gold—Claude Mining & Milling Co.
G.S.—Empress of Aspen Mining Co. Gold and silver.
Gold—Grotto Gold Mining Co. W. E. Smiley, pres.; E. Harris Jewett, v. pres.; H. R. Penfield, secy. and treas. Cap. stk. $1,500,000. Claim at Cripple Creek.
Gold—Topeka Mining & Milling Co.

MARBLE, Gunnison Co. Ry. Carbondale, 31; 249. Banking town Gunnison.
S.L.—H. W. Anderson. Silver and lead.
G.S.—Jos. Barnes, Gold and silver.
G.S.—Beardsby & McNeil. Gold and silver.
G.S.—Dudley Bros. Gold and silver.
Silv.—J. B. Kline. Silver.
G.S.—E. E. Nisertt. Gold and silver.
Mar.—W. D. Parry. Marble.
Mar.—E. E. L. Reyland. Marble.
G.S.C.—Scandinavian Mining Co. Gold, silver, copper and lead.
Mar.—J. B. Wheeler & Co. Marble.
Mar.S.—Evan Williams. Silver Queen quarry. Marble and slate.
Mar.—Woods & Kline. Marble.

MAYSVILLE, Chaffee Co. Pop. 78. P.O. Poncho Springs. Ry. 249.
S.L.—North Missouri Group Mining Co. Silver and lead.

MEEKER, Rio Blanco Co. Pop. 260. M.O. Ry. Rifle, 31; 249.
C.E.—W. H. Clark, civil engineer.
Asph.—Colorado Asphaltum Co., Grand Junction.
B.Coal—F. W. Fairfield. Peacock mine.
G.S.—Gill & Vardamon. Gold and silver.
Stone—Richard Tony.
G.S.—Geo. Welty. Gold and silver.

MINERAL POINT, San Juan Co. Banking town and Ry. Ouray, 249.
G.S.—T. M. Deck. Gold and silver.
G.S.—F. B. McIntyre & Co. Gold and silver.
G.S.—Geo. S. Orth & Co. Gold and silver.
G.S.—Polar Star Mining Co. Gold and silver.
S.L.—Silver Chord Mining Co. Silver and lead.
G.S.—Syracuse Pride Mining Co. Gold and silver.
G.S.—Tricky & Cooper. Gold and silver.

MOFFAT, Saguache Co. M.O. Tel. Ry. 249. Banking town Garrison.
Gold—Nash & Cartney.

MONARCH, Chaffee Co. Pop. 99. M.O. Tel. Ry. 249. Banking town Salida.
G.S.—Colorado Smelting Co., Pueblo and New York. Madonna mine. Shaft, 1,000 ft. 5 tunnels, 500 to 1,500 ft. Gold and silver. A. S. Dwight, mine supt.
S.L.—Madonna Mining Co. Silver and lead.
S.L.—Mascotte Mining Co. Silver and lead.

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MONTGOMERY, Park Co. P.O. and Ry. Alma, 251; 474a.
G.S.—Green Mountain Mining Co., 1545 Old Colony bldg., Chicago. Gold and silver.

MONTROSE, Montrose Co. Pop. 2,000. M.O. Tel. Ry. 249.
G.S.—W. A. Thomas. Gold Queen group. Shaft, 60 ft. Tunnel, 100 ft. Gold and silver. Refractory ore. 100 days; 3 employes. (Developing.)

MOUNT CARBON, Gunnison Co. P.O. and Ry. Baldwin, 251.
B.Coal—B. Prince & Son.

MOUNT SNEFFELS, Ouray Co. P.O. Sneffels. Banking town and Ry. Ouray, 249.
G.S.—Porter & Cooper. Gold and silver.
G.S.—Potosi Mining Co. Gold and silver.
G.S.—Revenue Tunnel Co. Gold and silver.
G.S.—Trust Ruby Mining Co. Gold and silver.

NATURITA, Montrose Co. Ry. Placerville, 736. Banking town Telluride.
G.S.—Goulding Bros. Gold and silver.
G.S.—Paul Warner. Gold and silver.

NEDERLAND, Boulder Co. Banking town and Ry. Boulder, 898.
Gold—Caribou Consolidated Mining Co.
G.S.—Richard Clements. Gold and silver.
G.S.—Collins & Garfield. Gold and silver.
Silv.—De Lande & Collins. Silver.
G.S.—C. M. Edwards. Gold and silver.
G.S.—W. Hetzer. Gold and silver.
G.S.—Jas. L. Hughes. Gold and silver.
G.S.—Geo. Light. Gold and silver.
G.S.—Chas. Lovless. Gold and silver.
G.S.—Thos. Matters. Gold and silver.
G.S.—Frederick Mullins. Gold and silver.
G.S.—Pierce Press. Gold and silver.
G.S.—Jno. Rodel. Gold and silver.
G.S.—Wm. H. Snelson. Gold and silver.
G.S.—L. H. E. Soersen. Gold and silver.
G.S.—Capt. C. A. Trollipe. Gold and silver.
G.S.—Guy Wing. Gold and silver.

NEEDLETON, La Plata Co. P.O. Silverton. Ry. 249.
G.S.C.—Jas. N. Livengood. Gold, silver and copper.

NEVADAVILLE, Gilpin Co. Pop. 956. P.O. Bald Mountain. Ry. Central City, 898.
Gold—California Milling & Mining Co., Ltd., Central City. California mine. Shaft, 2,200 ft. Free ore. 300 days; 8 employes. Steam.
Gold—Gold-Coin Mines Co., New York. Hidden Treasure mine. Shaft, 1,100 ft. Free ore. Steam.
G.S.—Vendome Mining Co. Gold and silver.

NEWCASTLE, Garfield Co. Pop. 311. M.O. Tel. Ry. 207; 249.
Kaol.—New Castle Kaolin Mining Co. Kaolin.
B.Coal—Vulcan Coal Co.

NEWETT, Chaffee Co. Tel. Ry. 207.
Stone—Colorado Lime & Fluxing Co., 641 Equitable bldg., Denver. Limestone. 30,000 tons.

NEW WINDSOR, Weld Co. Pop. 173. M.O. Ry. name Windsor, 898. Banking town Greeley.
G.S.—J. P. Carlson. Gold and silver.
G.S.—C. H. Packard. Gold and silver.

NORTH STAR, Gunnison Co. P.O. Whitepine. Banking town and Ry. Gunnison, 249; 251.
S.L.—May-day Mining Co. J. W. Ballard, pres.; Frank A. Miller, secy., gen. mgr. and buyer; C. F. Wright, treas. Cap. stk. $50,000, pd. up. May, Mazeppa and North Star mines. Shaft, 345 ft. Tunnel, 250 ft. Silver and lead. Refractory ore. 15,000 tons. Steam and water. Concentrator, wet, 50 tons daily capacity. Frank A. Miller, mine supt.
S.L.—Tomichi Milling Co. Silver and lead. (See May-day Mining Co.)

OPHIR, San Miguel Co. Pop. 113. M.O. Tel. Ry. 736. Banking town Telluride.
Gold—M. I. Alkire.
Gold—A. J. Clarke.
G.S.C.—Deadwood Gold, Silver & Copper Mining Co. Gold, silver and copper.
U.S.Sur.—C. W. Gibbs, civil and mining engineer. U. S. deputy mineral surveyor.
Gold—Gold Crown & Osceola Co.
S.L.—Jarrett & White. Silver and lead.
Silv.—Ophir Needle Mining Co. Silver.
Silv.—Horatio Page. Silver.
Silv.—Jas. Real. Silver.
G.S.—Lemuel Sears. Gold and silver.
Silv.—Eli Silsby. Silver.

OPHIR—Continued.
Gold—Suffolk-Globe Mining & Milling Co. Wells Campbell, pres.; F. L. Martin, v. pres.; W. J. Scoutt, secy., gen. mgr. and buyer. L. H. Goodwin, treas. Cap. stk. $2,500,000, pd. up. Suffolk group. Tunnels. Free ore. 20,000 tons; 50 employes. Forty-stamp mill and concentrator, 80 tons daily capacity. Two ore crushers, 40,000 tons annual capacity. Two miles tramway. A. P. Murphy, mine supt.
G.S.—Suffolk Mining Co. Gold and silver.
S.L.—M. P. Vaile. Silver and lead.

ORO CITY, Lake Co. Pop. 222. P.O., banking town and Ry. Leadville, 207; 249; 251.
G.S.—La Plata Mining Co. Gold and silver.
G.S.—Lillan Antioch Mining Co. Gold and silver.
G.S.—Winnie & A. Y. Mining Co. Gold and silver.

OSIER, Conejos Co. Tel. Ry. 249.
G.S.—J. C. Bradley. Gold and silver.
G.S.—Jas. Britt. Gold and silver.
Stone—J. J. Carlett.
G.S.—Jno. Gray. Gold and silver.
Iron—Frank Hoffman.
Stone—Jenkinson, Ferguson & Co.
Gold—Joyce, Mullins & Co., 226 Chestnut st. John Hughes, pres. and secy. Cap. invested $6,000. London mine. Shaft. 300 tons; 6 employes. Steam. James Eaton, mine supt.
Gold—Asa Poor.
Stone—A. T. Roys.
G.S—Jno. Sullivan. Gold and silver.
Gold—Yellow Pine Mining Co. Yellow Pine mine. Tunnel, 250 ft. Free ore. 500 tons; 185 days; 7 employes. D. McDaniels, mine supt.

OURAY, Ouray Co. Pop. 2,525. M.O. Tel. Ry. 249.
G.S.—G. A. R. Group Mines. Gold and silver.
G.S.—Endietta Mining Co. Gold and silver.
G.S.C.—Gregory & Seaberg. Gold, silver and copper.
G.S.—Grizzly Bear Mining Co. Gold and silver.
G.S.—Geo. Hulbert. Gold and silver.
G.S.—Jumbs & Milan. Gold and silver.
G.S.—Keno Mining Co. Gold and silver.
G.S.—Lone Willow Mining Co. Gold and silver.
G.S.—Memphis Mining Co. Gold, silver and lead.
G.S.—Menlo Park Mining Co. Gold and silver.
Silv.—Midnight Mining Co. Silver.
G.S.—Millersburg Mining Co. Gold and silver.
S.L.—Mine Owners Trust. Silver and lead.
G.S.—Nevada Tunnel Mining Co. Gold and silver.
G.S.L.—Simon Oliver. Monument and Link mines. Gold, silver and lead. Shaft, 300 ft.
Silv.—Osborn Leader Silver Co. Silver
G.S.—Ouray Gold Mining Co. Gold and silver.
G.S.L.—Plutus Mining Co. Gold, silver and lead.
G.S.—Ruby Mountain Mining & Milling Co. Gold and silver.
G.S.—Slide Mining Co. Gold and silver.
G.S.—United States Depository Mine. Gold and silver.
U.S.Sur.—Richard Whinnerah, civil and mining engineer. U. S. deputy mineral surveyor.
G.S.—Wright Bros. Gold and silver.
M.E.—Wm. C. Zelle, mining engineer.

PALISADES, Mesa Co. Tel. Ry. 207; 249.
B.Coal—J. Brown Coal Co.
B.Coal—Mount Lincoln Coal Co. Wm. F. Cross, pres. and gen. mgr.; W. F. Cross, Jr., v. pres. and buyer; D. K. Cross, secy. and treas. Cap. stk. $50,000. Mt. Lincoln mine. Tunnel, 1,200 ft. 19,000 tons; 300 days; 32 employes.

PAONIA, Delta Co. Ry. Delta, 249. Banking town Hotchkiss.
G.S.—Jno. McNaughton. Gold and silver.
B.Coal—Paonia Coal Co.
G.S.—J. H. Rudolph. Gold and silver.
G.S.—I. O. Sanborn. Gold and silver.
G.S.—Marvin Stewart. Gold and silver.
B.Coal—J. M. Underwood, agent. Jumbo mine. Tunnels, 10 to 300 ft.

PARKDALE, Fremont Co. Tel. Ry. 249. Banking town Canon City.
G.S.—G. W. Dugan. Gold and silver.
G.S.L.—Isabel Mining Co., Currant Creek. Isabel mine. Gold, silver and lead. Shaft, 125 ft. Drift, 50 ft. 300 days; 4 employes. Horse. L. Seymour, mine supt.
Kaol.—W. H. Murray & Son. W. H. Murray, pres.; Chas. Wells, v. pres.; Jno. F. Murray, secy. and buyer; W. H. Murray, Jr., treas. and gen. mgr. Cap. stk. $15,000, pd. up. Mammoth mine. Kaolin. Open pit, 50x300 ft. 500 tons; 300 days; 10 employes.
Grph.—Graphite Mine. Shaft, 100 ft. Graphite. 100 tons 30 days; 3 employes. W. H. Murray, mine supt.

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PARROTT, La Plata Co. Pop. 308. Ry. name Cima, 736.
Silv.—J. S. D. Hopkins, T. J. McCluer and others. Morovoratz mine. Silver. Crosscut, 340 ft. Shaft, 60 ft. and tunnel, 18 ft. Refractory ore. Assessment work. (Developing.)
G.S.—H. C. Wheeler. Gold and silver.

PEMBERTON, Douglas Co. Pop. 2,000. Ry. 207.
Gold—Alpha Gold Mining & Milling Co., Colorado Springs. Sarah J., Blue Beauty, Defender and Baltimore claims. Shafts, 20 to 40 ft. (Developing.)
Gold—Argus Gold Mining Co., Colorado Springs. Black Princess Nos. 1 and 2, O. K., Rob Roy and Nellie V. claims. Shafts, 15 to 30 ft. (Developing.)

PITKIN, Gunnison Co. Pop. 371. M.O. Tel. Ry. 251.
G.S.—G. W. Griffey. Gold and silver.
G.S.—Little Tycoon Mining Co., Burlington, Ia. Little Tycoon mine. Gold and silver. 5 employes.
G.S.—Mono Gold & Silver Mining Co., Pittsburg, Pa. Mono and San de Costa mines. Gold and silver. Shafts, 50 and 140 ft. Refractory ore. Ten-stamp mill, 20 tons daily capacity. Cyanide process. Water.
G.S.—Sacramento Mining Co. Gold and silver.
G.S.—Tycoon Mining Co. Gold and silver.
G.S.—Volunteer Mining Co. Gold and silver.

PLACERVILLE, San Miguel Co. Pop. 36. Tel. Ry. 736. Banking town Telluride.
G.S.—Robt. Beitu. Gold and silver.
Silv.—Bell Champion Mining Co., Rico. Bell Champion mine. Silver. Tunnel, 125 ft. Jno. H. Campbell, mine supt.
G.S.—S. P. Bingham. Gold and silver.
G.S.—J. C. Clare. Gold and silver.
G.S.—Walter Evans. Gold and silver.
G.S.—M. R Hall. Gold and silver.
Gold—H. H. Hart.
Gold—San Miguel Hydraulic Mining Co.
G.S.—W. E. Steele. Gold and silver.
Gold—W. H. Wheeler.
Gold—S. W. Young.

PLATTE CANON, Jefferson Co. P.O. Lamb. Tel. Ry. 251.
Copp.—T. L. Morgan. Copper.

PLATTE STATION, Park Co. Ry. Fairplay, 251.
G.S.—J. W. Ransdell. Gold and silver.

PLATTEVILLE, Weld Co. Pop. 213. M.O. Tel. Ry. 899.
Lign.—Robert Johnson. Platteville coal mine. Shaft, 67 ft. Lignite. 850 tons; 250 days; 4 employes. (Local.)

PORTER, La Plata Co. Ry. 736.
B.Coal—Porter Coal Co., Denver. Drift. Steam.

PORTLAND, Ouray Co. Pop. 116. Ry. Ouray, 249.
G.S.—Jno. Barnhardt. Gold and silver.
G.S.—W. N. Clark. Gold and silver.
Silv.—J. W. Grewell, Pueblo. Silver.
Silv.—Jas. Overman. Silver.
G.S.—R. Portnes. Gold and silver.
Silv.—Frank Rodd. Silver.
Silv.—T. Virden. Silver.
G.S.—W. Walker. Gold and silver.
G.S.—C. Ward. Gold and silver.

PUEBLO, Pueblo Co. Pop. 25,000. M.O. Tel. Ry. 31; 249; 541; 898.
Gold—Alliance Gold Mining Co. O. H. P. Baxter, pres.; L. S. McLain, secy. Cap. stk. $500,000. Claim at Cripple Creek.
Gold—Anaconda Extension Gold Mining Co. N. E. Guyot, pres., gen. mgr. and buyer; Robt. Billings, v. pres.; W. E. Ostrander, secy. and treas. Cap. stk. $1,000,000. Mine at Cripple Creek.
Gold—Anchor Gold Mining & Milling Co. L. C. Weyand, pres.; Geo. F. Dayton, secy. Cap. stk. $500,000. Claim at Cripple Creek.
Samp.—Central Ore Sampling Co.
Gold—Chicago-Cripple Creek Gold Mining Co. W. O. Rice, pres.; Geo. B. Mechem, secy. Cap. stk. $2,000,000. Claims at Cripple Creek.
Coal-I.—Colorado Coal & Iron Co.
R.M.Fur.—Colorado Fuel & Iron Co. Rolling mill and blast furnace.
Smlt.—Colorado Smelting Co., also 80 Broadway, New York. A. Ellers, pres. and gen. mgr.; R. W. Raymond, v. pres.; H. Suhr, secy.; W. S. Gurnee, treas. Cap. stk. $500,000, pd. up. Five coke lead smelters, 44x120in.x15 ft. Nine roasting furnaces; 300 days; 300 employes. Steam. Product, gold, silver, lead and copper. A. S. Dwight, supt Mine at Monarch.
Gold—Eclipse Development Co. T. W. Robinson, pres.; W. H. Hunter, secy. Cap. stk. $500,000. Claim at Cripple Creek.

PUEBLO—Continued.
Stone—A. T. Fisher. Sandstone.
G.S.—J. W. Grewell. Gold and silver. Mine at Portland.
G.S.—J. A. Joy. Gold and silver.
Chem.—Edward E. Knapp, chemist, 1037 Evans ave. Assistant converter, Colorado Fuel & Iron Co.
G.S.—Nellie Sanborn Mining Co. Gold and silver.
Gyp.—Pueblo Cement & Plaster Co. Gypsum.
Samp.—Pueblo Ore Sampling Works. Ore samplers and buyers.
Smlt.—Pueblo Smelting & Refining Co. M. D. Thatcher, pres.; W. F. Havemeyer, v. pres.; S. R. Ritchie, secy. and treas.; W. W. Allen, gen. mgr.; J. E. Hammond, buyer. Cap. stk. $1,250,000, pd. up. Four miles ry., 2 locomotives, 16 cars.
G.S.—Seneca Mining Co., care Colorado Smelting Co. Gold and silver.
B.Coal—Western Fuel Co.
G.S.—E. B. Wicks. Gold and silver.

RANGELY, Rio Blanco Co. Ry. 209a. Banking town Meeker.
Stone—J. N. Calthorp.
Stone—H. C. Hamline.
Stone—Chas. Hefley.
Asp.St.—R. Tovey. Asphaltum and stone.

RATHBONE, Summit Co. P.O. Montezuma. Banking town and Ry. Breckenridge, 251.
G.S.—Braganza Mining Co., Elk City, Idaho. Braganza mine. Tunnels, 300 ft. Gold and silver. 260 days; 11 employes.

RED CLIFF, Eagle Co. Pop. 383. M.O. Tel. Ry. 249. Banking town Leadville.
G.S.—Belden Mining Co. Gold and silver.
G.S.L.—Ben Butler Mining Co. Gold, silver and lead.
G.S.—Bleak House Mining Co. Gold and silver.
G.S.—J. G. Da Lee. Gold and silver.
G.S.—Wm. Dodsworth. Gold and silver.
G.S.L.—H. T. Epler. Gold, silver and lead.
S.L.—Harders, Estey & Co. • Hans Harders, buyer. First National mine. Silver and lead. Tunnel, 1,000 ft. (Developing.)
G.S.L.—Wm. A. Gay. Gold, silver and lead.
G.S.—Ground Hog Mining Co. Gold and silver.
G.S.—Iron Mask Gold Mining Co. Gold and silver.
S.L.—Chas. W. Linsley. Silver and lead.
G.S.—D. A. Mills. Gold and silver.
S.L.—Geo. E. Simonton. Silver and lead.
G.S.—Chas. H. Taylor. Gold and silver.

RED MOUNTAIN, Ouray Co. P.O. Guston. Tel. Ry. 824. Banking town Silverton.
Gold—American Belle Gold Mining Co.
G.S.—Chas. N. Collins. Gold and silver.
G.S.—Guston Limited Mining Co. Gold and silver.
G.S.—National Belle Mining Co. Gold and silver.
G.S.—Silver Ledge Syndicate Mining Co. Gold, silver, lead.
G.S.—Yankee Girl Mining Co. Gold and silver.

RICO, Dolores Co. Pop. 1,134. M.O. Tel. Ry. 736.
S.L.—A. B. G. Mining Co. Silver and lead.
G.S.—A. P. Adams. Gold and silver.
S.G.L.—Albany Mining Co. Silver, gold and lead.
G.S.L.—Almount Mining Co. Gold, silver and lead.
G.S.L.—Theo. Barlow. Hope, Cross and Pittsburg mines. Gold, silver and lead. Tunnel, 500 ft. 120 tons; 300 days; 4 employes.
Silv.—Bell Champion Mining Co. Silver. Mine at Placerville.
G.S.L.—Bell Champion & Commercial Mining Co. Otto Kester, pres.; Jno. H. Campbell, secy. and treas.; James Blake, buyer. Cap. $50,000. Mine at Seymour. Gold, silver and lead.
G.S.L.—Black Hawk Mining Co. Gold, silver and lead.
B.Coal—Broughton & Derby. (Local.)
M.E.Ch.—John H. Campbell, mining engineer and chemist. Superintendent of Enterprise mine.
G.S.—J. O. Campbell. Gold and silver.
S.L.—Carbonate Mining Co. Silver and lead.
G.S.—C. H. Carpenter. Gold and silver.
G.S.—Wm. Chrisman. Gold, silver and lead.
G.S.—Cobbler Mining Co. Gold and silver.
S.L.—Dolores Mining Co. Silver and lead.
G.S.—Elder Mining Co. Gold and silver
Silv.—Enterprise Mining Co., New York. Enterprise mine. Silver. Shaft and tunnel, 3,000 ft.
S.L.—Galena Mining & Milling Co. Silver and lead.
B.Coal—Grand View Coal Co.
G.S.—Haberman & Rhode. Gold and silver.
Gold—Iron Clad Mining Co.
G.S.L.—Johnny Bull Mining Co. Gold, silver and lead.
G.S.—Jumbo Mining Co. Gold and silver.
G.S.L.—Kearney Mining Co. Gold, silver and lead.
G.S.—Dan'l Kirby. Gold and silver.
S.L.—Lillie Davis Mining Co. Silver and lead.
G.S.L.—Little Maggie Mining Co. Gold, silver and lead.
S.L.—Logan Mining Co. Silver and lead.
G.S.L.—Maid of Australia Mining Co. Gold, silver and lead.

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RICO—Continued.
Gold—Mountain View Mining Co.
G.S.—Munn Bros. Gold and silver.
G.S.—F. T. Neeley. Gold and silver.
G.S.L.—Newman Group Mining Co. Gold, silver and lead.
G.S.L.—W. W. Parshall. Gold, silver and lead.
G.S.—Pigeon Mining Co. Gold and silver.
G.S.L.—W. S. Poindexter. Gold, silver and lead.
G.S.—Rebecca Mining Co. Gold and silver.
G.S.L.—Rico-Aspen Consolidated Mining Co. Gold, silver and lead.
G.S.L.—Rico Mining Co. Gold, silver and lead.
Smlt.—Rico Smelting & Refining Co.
G.S.—South Park Mining Co. Gold and silver.
G.S.—Stephens Mining Co. Silver and lead.
G.S.L.—Syndicate Mining Co. Gold, silver and lead.
S.L.—Uncle Ned Mining Co. Silver and lead.
G.S.—Victoria Mining Co. Gold and silver.
G.S.L.—F. Wakeman. Dayton mine. Gold, silver and lead. Tunnel, 250 ft. 10 tons monthly; 2 employes.
G.S.—Wellington Mining Co. Gold and silver.

RIDGWAY, Ouray Co. M.O. Tel. Ry. 736.
G.S.—Bowles & Phillips. Gold and silver.
Stone—R. C. Carr & Co. R. C. Carr, pres.; C. C. Carr, v. pres., secy., treas. and gen. mgr. C. F. Olson, M. E., buyer. Sandstone and limestone. 4,000 ft.; 200 days; 4 employes. 7 miles ry., 3 cars. R. C. Carr, quarry supt.
G.S.—Dr. Crawford. Gold and silver.
G.S.—Thos. Herean. Gold and silver.
G.S.—H. L. Judd. Gold and silver.
L.Qsr.—Chas. Kelly. Lead and quicksilver.
Copp.—G. H. Renolds. Copper.
Stone—T. Stanton. Limestone.
L.Z.—J. A. Stuart. Lead and zinc.
G.S.—W. S. Tevis. Gold and silver.
Copp.—A. M. Thomas. Copper.
Stone—Wilcox Bros. Sandstone.

ROBINSON, Summit Co. M.O. Tel. Ry. 249; 251. Banking town Leadville.
G.S.L.—Ajax Mining Co. Gold, silver and lead.
G.S.L.—Belmont Mining Co. Gold, silver and lead.
G.S.L.—Bulkley & McDonald. J. F. McDonald, mgr. Bulkley group. Shaft and tunnel, 600 ft. Gold, silver and lead. Smelting ore. 5,000 tons; 175 days; 20 employes. Steam.
S.L.—Bulkley Bros. & McDonald. Bulkley group. Shaft, 700 ft. Silver and lead. Refractory ore. 5,000 tons; 300 days; 48 employes. Steam. Clarence Hersey, mine supt.
Gold—Surplus Placer.
G.S.L.—Bulkley Bros., et al., Leadville. New York mine. Shaft, 300 ft. Gold, silver and lead. Smelting ore. Steam. J. F. McDonald, mine supt.
G.S.—Diamond Mining Co. Gold and silver.
G.S.—Evening Leasing Co. Gold and silver.
G.S.L.—Half Moon Mining Co. Gold, silver and lead.
Gold—Jesse F. McDonald, 129 West 8th st., Leadville. Gold Placer and Robinson Consolidated mines.
L.Qsr.—Pohl & Co. Lead and quicksilver.
G.S.—Rattler Mining Co. Gold and silver.
G.S.—Townsite Mining Co. Gold and silver.
G.S.—H. E. Woods. Gold and silver.

ROCKVALE, Fremont Co. Pop. 228. M.O. Tel. Ry. 31. Banking town Canon City.
B.Coal—Canon City Coal Co.

ROCKWOOD, La Plata Co. P.O. Hermosa. Ry. 249.
G.S.—W. Livengood. Gold and silver.
G.S.—Jno. Neary. Gold and silver.
Stone—Stubbs & Jakway, Durango. Rockwood limestone quarry. Limestone. 6,000 tons; 200 days; 10 employes.

ROLLINSVILLE, Gilpin Co. Ry. Blackhawk, 898.
Gold—C. V. Brinkenhoff.
G.S.—J. V. P. Brown. Gold and silver.
G.S.—Grand Union Co. Gold and silver.
G.S.—J. P. Leming. Gold and silver.
Gold—Newport Mining & Milling Co.
G.S.—Rollins Gold and Silver Mining & Milling Co. Gold and silver.
G.S.—Ed. J. Stevenson. Gold and silver.

ROMLEY, Chaffee Co. P.O. St. Elmo. Ry. 251.
G.S.L.—Golf Mining and Milling Co. Jno. B. Hinkson, pres.; Geo. C. Hetzel, secy.; J. Frank Black, treas.; B. F. Morley, gen. mgr. and buyer. Cap. stk. $50,000, $40,000 pd. up. Mary Murphy mine. Gold, silver and lead. Tunnels. Refractory low grade ore. 10,000 tons; 60 employes. Concentrator, 2,000 tons annual capacity. Two ore crushers, 5,000 tons annual capacity. ¾ mile tramway. Jno. Taylor, mine supt.
C.E.—B. F. Morley, C. E., M. S., civil engineer. Permanent address, Chester, Pa. Manager Golf Mining & Milling Co.
Gold—Red Raven Consolidated Mining Co.

ROSITA, Custer Co. Pop. 500. M.O. Ry. Cotopaxi, 249. Banking town Westcliff.
G.S.—R. W. James. Horton mine. Gold and silver. Shaft, 180 ft. Refractory ore. Steam. (Idle.)
G.S.L.—S. F. Jordan, Silver Cliff. Powhattan mine. Gold, silver and lead. Tunnel, 625 ft. Refractory ore. (Idle.)
Rosebud Mine. Shaft, 45 ft. Tunnel, 60 ft. Refractory ore. (Idle.)
G.S.—W. J. Schoolfield. Gold and silver.
G.S.—August Strehlow. Gold and silver.
G.S.—J. T. & Joseph Williams. Pioneer and Rocky Point mines. Shaft, 265 ft. Tunnel, 600 ft. Gold and silver. Refractory ore. 150 tons; 300 days; 10 employes. Steam. J. T. Williams, mine supt.
C.M.E.—Carl Wulsten, civil and mining engineer and assayer. Assay office at Silver Cliff. General manager Bassick Contact Mining Co., office 627 Main st., Silver Cliff. Mining properties examined and reported on.
G.S.—Carl Wulsten, M. E., & F. W. Foss, So. Tyndall st. Cerargerite, Embolite, Bromide, Grit, Center and Index Extension mines. Gold and silver. Shafts, tunnels and open cuts, 1,400 ft. Concentrating ores.
G.Co.N.—Carl Wulsten, M. E., S. Tyndall st. Gold, copper and nickel. Shaft, 100 ft. Refractory ore.

RUSSELL, Fremont Co. P.O. Florence. Ry. 307.
G.S.—M. D. Bousman. Gold and silver.

RUSSELL GULCH, Gilpin Co. Pop. 673. M.O. Banking town and Ry. Central City, 898.
G.C.—Ames & Mann, 265 State st., Salt Lake City, Utah. Ada and Fulton groups. Gold and copper. Shaft, 200 ft. Tunnel. Smelting ore. M. K. Ames, mine supt. (Developing.)

ST. ELMO, Chaffee Co. Pop. 150. M.O. Tel. Ry. 251. Banking town Buena Vista.
G.S.—C. Fresco Mining Co. Gold and silver.
G.S.—Grand Duke Mining Co. Gold and silver.
G.S.—Homestake Mining Co. Gold and silver.
G.S.—Lady Murphy Mining Co. Gold, silver and lead.
G.S.—Mary Murphy Mining Co. Gold and silver.
Gold—Mollie Mining Co.
G.S.—P. T. Moreley. Gold and silver.
G.S.L.—Pat Murphy Mining Co. Gold, silver and lead.
Gold—Pawnee Mining & Milling Co. Gold, silver and lead.
G.S.L.—Tilden Mining Co. Gold, silver and lead.
B.Coal—Tressie Coal Mining Co.
G.S.—Valcourt & Blouchoreo. Gold and silver.

SAGAUCHE, Saguache Co. Pop. 660. M.O. Ry. Villa Grove, 249.
Gold—Mountain Lion Mining & Milling Co.

SALIDA, Chaffee Co. Pop. 2,586. M.O. Tel. Ry. 249.
C.Z.—American Zinc-Lead Co., lessees, 54 Mason bldg., Boston, Mass. Sedalia mine. Copper and zinc. Tunnel, 1,400 ft. 4,000 tons; 300 days; 14 employes. C. H. Rodden, mine supt.
Stone—R. W. English Lumber Co.
G.S.L.—Silver Lead Mining & Investment Co., Victor. Silver Lead mine. Gold, silver and lead. Tunnel, 700 ft. Refractory ore.

SAN ISABEL, Saguache Co. Ry. Mirage, 249.
G.S.—Howard Hopkins. Gold and silver.
G.S.—Henkeefer Hugo. Gold and silver.
G.S.—Barney McCartney. Gold and silver.
G.S.—Harrison Nash. Gold and silver.

SAN MIGUEL, San Miguel Co. Pop. 79. P.O. Telluride. Ry. 736.
Gold—Belmont Mining & Milling Co.
G.S.—Hilgenhaus, Vorse & Co. Gold and silver.
G.S.—Jones & Weller. Gold and silver.
G.S.—Keystone Gold Mining Co. Gold and silver.
G.S.—Keystone Placer Co. Gold and silver.
Stone—Otto Read. Limestone.
G.S.—E. E. Runkle. Gold and silver.
B.Coal—J. W. Searls.
G.S.—Turkey Creek Mining Co. Gold and silver.

SARGENTS, Saguache Co. Pop. 99. Tel. Ry. 249. Banking town Salida.
G.S.—Chas. Austin. Gold and silver.
L.Qsr.—D. H. Lewis. Lead and quicksilver.
G.S.—T. H. Sanderson. Gold and silver.

SEYMOUR, San Miguel Co. Ry. 736.
G.S.L.—Bell Champion & Commercial Mining Co., Rico. Bell Champion and Commercial mines. Gold, silver and lead. 3,600 tons; 50 employes. James Blake, mine supt.

SHARPSDALE, Huerfano Co. Ry. Walsenburg, 249; 898.
G.S.—Booker & Lupton. Gold and silver.

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SHERMAN, Hinsdale Co. Pop. 78. Ry. Lake City, 249.
G.S.—Come Up Mining Co. of Colorado, 45 Milk st., Boston, Mass. Come Up and Mineral Flower mines. Gold and silver. Shaft, 180 ft. Tunnel, 370 ft. Refractory ore. 300 days; 9 employes. Steam. D. A. Farrell, mine supt.
G.S.—Geo. Washington Mining Co. Gold and silver.

SILVER CLIFF, Custer Co. Pop. 600. Pop. 546. M.O. Tel. Ry. Cotopaxi, 249. Banking town Canon City.
G.S.C.—J. Adams. Zoo mine. Gold, silver and copper. Shaft, 86 ft. Tunnel, 245 ft. Refractory ore. 230 days; 1 employe.
Verd Placer. Gold. 230 days; 1 employe. B. C. Adams, supt. both mines.
G.S.—Bassick Contact Gold and Silver Mining & Milling Co., 627 Main st. E. J. Haskell, pres.; Carl Wulsten, M. E., secy. and gen. mgr.; Chas. Haskell, treas. Cap. stk. $500,000. Chalcedony, Topaz, Free Coinage and U. S. P. mines. Shafts, 20, 35, 57 and 60 ft. and drifts. Gold and silver. Free ore. 5 employes. Carl Wulsten, M. E., mine supt.
Silv.—Ben Franklin Mining Co. Silver.
G.S.—Bull Domingo Mining Co. Gold and silver.
G.S.—Jno. Dietz. Gold and silver.
G.S.—H. W. Foss. Gold and silver.
G.S.—Geyser Mining and Milling Co., 31 Milk st., Boston, Mass. Shaft (3 comp.), 2,130 ft. Refractory ore. Gold and silver. 300 days; 60 employes. Steam and air. C. H. Johnson, mine supt.
G.S.—Jay Gould Mining & Milling Co. Gold and silver.
G.S.—T. W. Grasser. Augustus mine. Gold and silver. Shaft, 150 ft. Free ore.
Nick.—Hanna & Cole. Nickel.
G.S.L.—E. J. Haskell. Gold, silver and lead.
S.L.—A. H. Henning. Lake Superior mine. Silver and lead. Shaft, 60 ft. Refractory ore.
S.L.—A. H. Henning, Aug. Koppe and E. Burkhardt. Troy mine. Silver and lead. Shaft, 50 ft. Refractory ore. 50 tons; 300 days; 3 employes.
G.S.—Hudson & Oatman. Gold and silver.
G.S.—Sam'l C. Hunsaker. Gold and silver.
G.S.L.—S. F. Jordan. Gold, silver and lead. Mines at Rosita.
G.S.—Lady Franklin Mining Co. Gold and silver.
G.S.—J. W. Lawrence. Gold and silver.
G.S.—John J. Mitchell. Gold and silver.
G.S.—Mountain Boy Mining Co. Gold and silver.
G.S.—Geo. B. Raymond & Bro. Gold and silver.
G.S.—Silver Cliff Mining Co. Gold and silver.
G.S.—Telluride Mining Co. Gold and silver.
G.S.—J. R. Thomas. Gold and silver.
G.S.—H. Townsend. Gold and silver.
G.S.—Wm. Wadsworth. Gold and silver.
Stone—W. G. Washington.
G.S.—Zoo Mining Co. Gold and silver.

SILVER PLUME, Clear Creek Co. Pop. 908. M.O. Tel. Ry. 898. Banking town Central City.
G.S.—Gabriel Bartolomae. Gold and silver.
G.S.L.—Corry Mining Co., Baltimore, Md. Gold, silver and lead. Shaft, 850 ft. Tunnel, 2,580 ft. Smelting ore. 500 tons; 300 days; 30 employes. Steam. C. S. Desch, mine supt.
G.S.—Dawson & Co. Gold and silver.
G.S.—Thos. Eustace. Gold and silver.
G.S.L.—H. M. Griffin, Georgetown. Norman, Bush mine. Shaft, 400 ft. Tunnel, 2,500 ft. Gold, silver and lead. Refractory ore. 1,000 tons; 40 employes. Steam.
Also group of 64 patented mines. Shaft, 1,000 ft. Gold, silver and lead. Refractory ore. 1,000 tons; 100 employes. Steam.
G.S.—Jas. Hinds. Gold and silver.
Silv.—New Colorado Silver Mining Co., Central City. Terrible mine. Silver. Shafts and tunnels. A. L. Collins, mgr., and C. J. Nicholas, mine supt.
S.L.—R. Orchard Old, Georgetown. East Mendota mine. Silver and lead. Shaft, 145 ft. Tunnel, 750 ft. Refractory ore. 1,050 tons; 300 days; 14 employes.
Mendota Mine. Silver and lead. Shafts, 660 ft. Tunnel, 750 ft. Refractory ore. 290 tons; 300 days; 8 employes.
Fulton Mine. Silver and lead. Shaft, 210 ft. Tunnel, 750 ft. Refractory ore. 520 tons; 300 days; 12 employes.

SILVERTON, San Juan Co. Pop. 1,100. M.O. Tel. Ry. 249; 824.
Gold—Barker Mining Co.
G.S.—Briggs Mining & Milling Co. Gold and silver.
Gold—Brown Mountain Mining Co., Exchange bldg., Union Stock Yards, Chicago. Brown mine. Shaft and drifts. Free ore. (Developing.) Mine patented.
Silv.—Columbia Mine, Chicago. Silver. Columbia mine. Shaft. Refractory ore. (Developing.) J. B. Barnes, mine supt.
C.M.E.—James Dyson, civil and mining engineer, cor. 12th and Reese sts. U. S. deputy mineral surveyor. Specialties: Surveying of mines and preparing maps and reports on same.

SILVERTON—Continued.
G.S.—Harrison Mining Co. Gold and silver.
G.S.L.—Richard Hill. Mineral King mine. Tunnel. Gold, silver and lead. Free ore. 300 days; 10 employes. Also mine at Howardsville.
G.S.—Ice Lake Mining & Milling Co. Iowa and Lake mines. Shafts, 25 and 50 ft. Tunnels, 40 and 100 ft. Gold and silver. Free ore. 3,600 tons; 300 days; 20 employes. Frue-Vanner concentrator. Twenty-stamp mill, 50 tons daily capacity. Water. W. F. Hill, mine supt.
G.S.—Kendall Mount Gold & Silver Mining Co. Gold and silver.
G.S.C.—McDonell & Rowan. Gold, silver and copper. Mine at Howardsville.
G.S.—North Star Mining Co. Gold and silver.
G.S.—Rigley & Ricketts. Gold and silver.
G.S.—Ira A. Scott. Gold and silver.
G.S.—Silverton Deep Mining and Tunnel Co. Joseph Bordeleau, pres.; John C. Kane, v. pres.; B. F. Kelly, secy., gen. mgr. and buyer; James H. Robin, treas. Cap. stk. $1,000,000, pd. up. Gold and silver. Shaft, 100 ft. (Developing.)
G.S.—Silverton Mining Co. Gold and silver.
Smlt.—Silverton Smelting & Mining Co. Fred P. Crowther, London, Eng., pres.; Chas. J. Hughes, Jr., Denver, v. pres.; Albert Smith, secy.; Harold Wilson, treas. and gen. mgr. Copper smelter. Austin Pyritic furnace. One stack, 120x36 ft. 2,500 tons copper matte; 55 employes. Steam. C. M. Henrie, metallurgist, furnace supt.
G.S.—Silver Wing Mining Co. Gold and silver.
Silv.—C. M. Sprague and others, 7 Water st., Boston, Mass. Uncle Sam mine. Silver. Bismuth ore.
G.S.L.—Edward G. Stolber, P.O. Box 129. W. H. Steel, buyer. Silver Lake mines. Tunnel. Gold, silver and lead. Refractory ore. 5,000 tons; 300 days; 130 employes. Steam. Electricity. Concentrator, 100 tons daily capacity. Cableway. Charles Grimm, mine supt.
G.S.—Terry & Turner. Gold and silver.
G.S.—Thompson, Pickall & Waldo Co., P.O. Box 67. Monte Pickall, pres.; A. R. Waldo, M. E., v. pres., secy. and gen. mgr.; T. H. Thompson, treas. and buyer. Whatcheer, Crystal Lake and True Friend mines. Gold and silver. Two shafts, 25 ft. Three open pits. Concentrating ore. Abe. Waldo, mine supt.
G.S.—A. R. Waldo. Lucareta mine. Shaft, 50 ft. Tunnel, 100 ft. Gold and silver. Free ore; 300 days; 4 employes.

SLATER, Routt Co. Banking town and Ry. Rawlins, Wyo., 899.
B.Coal—Robt. McIntosh. Tunnel. (Local.)

SOUTHFORK, Rio Grande Co. Ry. 249.
G.S.—Mount Wilson Gold & Silver Mining Co. Gold and silver.

STONEWALL, Las Animas Co. Pop. 108. Banking town and Ry. Trinidad, 31; 249; 898.
G.S.—A. Duling. Gold and silver.

SUGAR LOAF, Boulder Co. Pop. 98. Ry. 898.
G.S.—Thaddeus Adams. Gold and silver.
G.S.—Baldwin & Coins. Gold and silver.
G.S.—Boach & Pate. Silver and copper.
G.S.—J. G. Copes. Gold and silver.
G.S.—R. T. Copes. Gold and silver.
G.S.—W. H. Friese. Gold and silver.
G.S.—Seymour Johnson. Gold and silver.
G.S.—Norman Mills. Gold and silver.
G.S.—J. F. Monell. Gold and silver.
G.S.—C. J. Pattridge. Gold and silver.
G.S.—S. B. Shultz. Gold and silver.
B.Coal—Smoky Hill Mining Co.

SUMMIT, Park Co. P.O. and Ry. Fairplay, 251.
G.S.—H. S. Hickox. Gold and silver.

SUNNYSIDE, Boulder Co. P.O. Caribou. Ry. Boulder, 898.
Gold—Richard Irwin.

SUNSET, Boulder Co. Pop. 100. Tel. Ry. 898.
Gold—J. D. Mason, 1231 Walnut st., Boulder. Gov. Route mine. Shaft, 90 ft. Tunnel, 85 ft. Free ore. 240 days.

SUNSHINE, Boulder Co. Pop. 179. Banking town and Ry. Boulder, 898.
Gold—C. H. Pate.
Gold—White Crow Osceola Mining Co.

TELLURIDE, San Miguel Co. Pop. 766. M.O. Tel. Ry. 736.
G.S.—Bates & McEwen. Gold and silver.
G.S.—Bear Creek Mining Co. Gold and silver.
G.S.L.—Black Bear Mining Co. Gold, silver and lead.
G.S.—Bohemia Mining Co. Gold and silver.
G.S.—Bradley Mining Co. Gold and silver.

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TELLURIDE—Continued.
G.S.—Bridal Veil Mining & Milling Co., 17 Broadway, New York. Twenty-two claims. Gold, silver, lead and copper. Tunnels. Free ore. 11 employes. (Developing.)
G.S.L.—Geo. A. Brite. Gold, silver and lead.
G.S.—Cimarron Mining Co. Gold and silver.
G.S.—Climax Mining Co. Gold and silver.
Gold—Columbia-Menona Mining & Milling Co.
St.Mill—Columbia Mill.
Gold—J. F. M. Dunlap. Waterloo group of 5 claims. Shaft, 80 ft. Tunnel, 750 ft. Refractory ore; 2 employes. (Developing.)
C.M.E.—Curtis L. Greenwood, civil and mining engineer. County surveyor of San Miguel county.
G.S.—Japan Consolidated Mining and Milling Co. Walter Bean, M. E., gen. mgr. Japan mine. Gold and silver. Tunnel, 425 ft. Refractory ore. 2,000 tons; 300 days; 18 employes.
Gold—La Junta Mining Co.
C.M.E.—Henry C. Lay, civil and mining engineer.
G.S.L.—Lohnes, Miller & Osborn. Gold, silver and lead.
G.S.—Mendota Mining Co. Gold and silver.
G.S.L.—Mullen, McDonald & Jackson. Gold, silver and lead.
Gold—Pulaski Mining Co.
Gold—San Miguel Consolidated Gold Mining Co.
G.S.—Sheridan Consolidated Mining & Milling Co. Gold and silver.
G.S.—Silver Bell Mining Co. Gold and silver.
G.S.—Smuggler Union Mining Co. J. A. Porter, pres.; Richard Pearce, v. pres.; A. H. Fowler, secy. and treas.; N. S. Mansfield, gen. mgr. and buyer. Gold and silver. 300 days. Fifty-stamp mill, 160 tons daily capacity. N. S. Mansfield, mine supt.
G.S.—Taylor Mining Co. Gold and silver. Stamp mill.
G.S.—Telluride Consolidated Mining Co. Gold and silver.
Gold—Tom Boy Gold Mines Co. F. L. Underwood, pres.; O. P. Posey, v. pres.; Wm. Bayly, treas. Tom Boy and Belmont mines. Tunnel, 2,100 ft. Free ore. 45,000 tons; 130 employes. Concentrator and 7 stamps, 140 tons daily capacity. Electricity and steam. D. B. Huntley, mine supt.
G.S.—T. F. Van Wagenen, M. E. Climax mine. Gold and silver. Tunnel. Lead ore, free and refractory. Concentrator, 15 stamps, annual capacity 9,000 tons; 25 employes. Evan G. Thomas, mine supt. (Developing.)
G.S.—Wheeler & Ferrel. Gold and silver.

THOMASVILLE, Pitkin Co. M.O. Tel. Ry. 207. Banking town Aspen.
Stone—Perry A. Kalbough. Limestone.
Lime—Leadville Lime & Fluxing Co., Equitable bldg., Denver. 50,000 tons.
Stone—Leadville Lime & Fluxing Co., 641 Equitable bldg., Denver. Limestone. 15,000 tons.
Stone—Miller Creek Lime & Lumber Co. Limestone.
G.S.—Geo. M. Noble. Gold and silver.

TINCUP, Gunnison Co. Pop. 179. M.O. Ry. St. Elmo, 251. Banking town Buena Vista.
G.S.—Jno. Clarke. Gold and silver.
G.S.—Chas. Foreman. Gold and silver.
G.S.—Forest Hill Mining and Milling Co., Minneapolis, Minn. Gold and silver. Shafts and levels. Refractory ore. 400 tons; 8 employes. J. A. Preston, mine supt.
Gold—Golden Fleece Mining & Milling Co.
G.S.—B. C. Gray. Gold and silver.
G.S.—Wm. Haynes. Gold and silver.
G.S.—Jno. Hinds. Gold and silver.
G.S.—Jimmie Mack Mining Co. Gold and silver.
G.S.—J. P. Korn. Gold and silver.
S.L.—Lewis & McCormick. Silver and lead.
G.S.—Thos. McAuliff. Gold and silver.
S.L.—Thos. H. Martin. Silver, lead and iron.
G.S.—T. B. Massey. Gold and silver.
G.S.—F. Mitchell. Gold and silver.
G.S.—A. N. Perrault. Gold and silver.
G.S.—Tin Cup Mining Co. Gold and silver.
Gold—C. F. Wahl. Gold and silver.

TOMICHI, Gunnison Co. Pop. 107. P.O. Whitepine. Ry. Sargents, 249.
G.S.—W. W. Allis. Gold and silver.
G.S.—S. S. Dawson. Gold and silver.
G.S.—Eureka Nest Egg Mining Co. Gold and silver.
G.S.L.—Fred Grenier. Gold, silver and lead.
G.S.L.—Lillie Mining Co. Gold, silver, lead and copper.
G.S.—Jas. McCauley. Gold and silver.
Gold—May-Mazeppa Mining Co. (See May-day Mining Co.)
G.S.—A. T. Rankin. Gold and silver.
G.S.—Tomichi Mining Co. Gold and silver. (See May-day Mining Co.)
G.S.—J. W. Whittington. Gold and silver.

TRINIDAD, Las Animas Co. Pop. 5,523. M.O. Tel. Ry. 31; 249; 898.
B.Coal—E. T. Butler. Rowland mine.
Coke—Colorado Coke Co.

TRINIDAD—Continued.
B.Coal—Gray Creek Coal & Coke Co.
B.Coal—Geo. Jeffreys. Bloom mine
B.Coal—McClarin & Henderson. Rowland Nos. 1, 2 and 3 mines.
B.Coal—Raton Coal & Coke Co. Valley mine.
B.Coal—Trinidad Coal & Coke Co., Topeka, Ks. Trinidad mine.
B.Coal—Trinidad Fuel Co. Monarch mine.
G.S.—Trinidad Gold & Silver Mining Co. Gold and silver.
B.Coal—Victor Coal & Coke Co., Ernest & Cranmer blk., Denver. Hastings mine. Two tunnels, 1 slope. 400,000 tons; 300 days; 480 employes. Washer. One hundred coke ovens, 45,000 tons. Steam. G. R. Hill, mine supt.
Gray Creek mine. Tunnel. 250,000 tons; 300 days; 420 employes. Washer. One hundred coke ovens, 45,000 tons. Steam. James L. Lamb, mine supt.

TRULL, Routt Co. Ry. Wolcott, 249. Banking town Steamboat Springs.
B.Coal—R. E. Clark. Clark mine.

TROUT LAKE, San Miguel Co. P.O. Lizard Head. Ry. 736.
G.S.—Chester Greenwood. Gold and silver.
S.L.—Iron Springs Mining Co. Silver and lead.
S.L.—San Bernardo Silver Mines, Ltd. Silver and lead.

TWIN LAKES, Lake Co. Pop. 118. M.O. Ry. Granite, 21; 249. Banking town Leadville.
Stone—Henry Alexander.
G.S.—A. H. & A. Anderson. Gold and silver.
G.S.—J. S. Booco. Gold and silver.
G.S.—W. A. Buchanan. Gold and silver.
G.S.—Geo. E. Collins. Gold and silver.
G.S.—Jno. Connors. Gold and silver.
G.S.—Cornelius & Shaver. Bull Hill Lode mine. Gold and silver. Tunnel, 30 ft. Free ore. 3 employes. Thomas Henneberry, mine supt.
G.S.—Warren Cutler. Gold and silver.
G.S.—G. B. Garland. Gold and silver.
G.S.—Gordon Mining Co. Gold and silver.
Gold—Harlan & Co.
G.S.L.—Thos. Henneberry. Gold, silver and lead.
G.S.—J. Hutchinson. Gold and silver.
G.S.—Wm. Iler. Mount Elbert group. Gold and silver. Shaft, 64 ft. 3 tunnels, 225, 135 and 50 ft. Free and refractory ore. 100 days. (Developing.)
G.S.—Geo. Lane. Gold and silver.
Silv.—Jno. McDonald. Silver.
Gold—W. P. Quaintance. Yellow Jacket group. $5,000 invested. Tunnel. Free ore.
G.S.—Jas. Rinderlin. Gold and silver.
G.S.—Staggs, Quaintance & McDermott. Gold and silver.
G.S.—Jno. A. Stone. Gold and silver.
Gold—Twin Lakes Gulch Placer Mining Co.
G.S.—Dr. A. E. Wright. Gold and silver.

VICTOR, El Paso Co. M.O. Tel. Ry. 307.
Gold—Ajax Gold Mining Co., 6 N. Nevada ave., Colorado Springs. Mammoth, Pearl, Apex, Champion and June Blizzard claims. Fifteen shafts, 15 to 90 ft. (Developing.)
Gold—Amazon Mining Co.
U.S.Sur.—Davis & Byler. (L. W. Davis and E. A. Byler), mining engineers. U. S. deputy mineral surveyors. Bank bldg.
Gold—Greenwood & Taylor, Cripple Creek, Colo. Hermosa mine. Shaft, 50 ft. Tunnel, 150 ft. Refractory ore. Hand drill.
C.E.—James E. Hurd, civil engineer.
Gold—Little Earl Gold Mining Co., 16 Midland blk., Colorado Springs. Four lode claims. Shafts, 20 to 50 ft. Tunnel, 60 ft.
Gold—Portland Gold Mining Co., Colorado Springs. Portland mine and other claims. Tunnel, 500 ft. Refractory ore. 360,000 tons; 300 days; 300 employes. Steam.
Gold—Royal Age Gold Mining Co.
Gold—Ruth-Esther Mining Co., Colorado Springs. Ruth-Esther claim.
Gold—Saddle Mountain Gold Mining Co., 16 Midland blk., Colorado Springs. Six lode claims. Five shafts, 20 to 50 ft. Tunnel, 50 ft.
Gold—Silver Lead Mining & Investment Co., Victor Hotel. Wm. Dunn, pres., gen. mgr. and buyer; L. G. Dunn, v. pres.; L. P. Rudolph, secy. and treas. Cap. stk. $2,000,000. Camille mine. Shaft. Lion group. Tunnel. Refractory ore. (Developing.) Also mine at Salida.

VILLAGROVE, Saguache Co. Pop. 294. M.O. Tel. Ry. 249. Banking town Salida.
G.S.—P. F. Griffith. Gold and silver.
G.S.—J. B. Hall. Gold and silver.
G.S.—W. J. King. Gold and silver.

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VIRGINIADALE, Larimer Co. Ry. Granite Canyon, Wyo., 1169.
G.S.C.—Palmer & Houghton, 1651 Stout st., Denver. True Blue mine. Shaft, 40, ft. 2 employes. Rattlesnake mine. C. C. and Extension No. 1, True Blue mines. Gold, silver and copper. Shafts. Refractory ore. B. Palmer, mine supt.

VULCAN, Gunnison Co. Pop. 1,000. Ry. Gunnison, 249; 251.
G.S.—Vulcan Mining Co. Vulcan mine. Gold and silver. Shaft, 90 ft. Refractory ore. 3,500 tons; 300 days; 50 employes. Steam. F. Winters, mine supt.

WAGON WHEEL GAP, Mineral Co. Pop. 89. P.O. Amethyst. Ry. 249. Banking town Creede.
G.S.—Patten & Son. Gold and silver.
Silv.—Rider Haggard Mining Co. Silver.
G.S.—G. W. Thorne. Gold and silver.
Silv.—H. Turner. Silver.
G.S.—Waters & James. Gold and silver.

WALSENBURG, Huerfano Co. Pop. 928. M.O. Tel. Ry. 249; 898.
Stone—T. Mooney.

WARD, Boulder Co. Ship. Boulder. M.O. Ry. Boulder, 898.
Gold—Adit Mining Co., 83 Kittredge bldg., Denver. California mine. Tunnel, 210 ft. Refractory ore. 300 days; 10 employes. Concentrator and roller mill. Steam.
G.S.—Alaska Mining & Milling Co., 1117 15th st., Denver. Alaska mine. Gold and silver. Shaft, 75 ft. Refractory ore. 4 employes.
Alaska No. 2 mine. Shaft, 45 ft. Refractory ore. 4 employes.
Alaska No. 3 mine. Gold. Shaft, 50 ft. Refractory ore. C. T. Justus, mine supt. (Developing.)
G.S.—Boston Mining Co. Gold and silver.
Gold—Colorado Gold Mining & Milling Co., 23 Pioneer bldg., Denver. White Pine and Diagonal mines. Shaft and tunnel. Refractory ore. (Developing.)
Gold—Dew Drop Adit Mining & Milling Co.
G.S.—Doyle Bros. Gold and silver.
G.S.C.—Jno. T. Duncan. Gold, silver and copper.
G.S.—Frank Gambrine. Gold and silver
Gold—Gold Crystal Mining Co.
G.S.—Hulings & Co. Gold and silver.
Con.E.Ch.—J. P. Loftus. Consulting engineer and chemist.
Gold—R. Z. Mason. Red Star mine. Shaft, 162 ft. Free ore. 90 days; 6 employes.
Gold Cord mine. Tunnel, 300 ft. Free ore.
M.E.—William E. Mead. Metallurgist and mining engineer. Properties examined and reported on.
Gold—N. C. Meller.
Gold—Modoc Consolidated Mines, Denver. "Modoc" mine. Shaft, 350 ft. Refractory and free ore. 300 days; 25 employes. 30 stamps, 20 tons daily capacity. Steam.
"Boulder County" mine. Slope, 150 ft. Refractory and free ore. 300 days; 10 employes. Steam. Chas. W. Betts, mine supt.
G.S.—Ni Wot & Madeline Mining Co. Gold and silver.
Gold—Orphan Boy Extension Mining & Milling Co., 84 Kittredge bldg., Denver. Dew Drop mine. Tunnel, 800 ft. Refractory ore. 1,000 tons. 300 days; 20 employes. Concentrator; roller mill; 30 stamps. Steam. 2 miles tramway; push cars. John Duncan, mine supt.
G.S.—Puzzler Gold Mining & Milling Co., 32 Patterson & Thomas blk., Denver. Puzzler mine. Gold and silver. Three tunnels, 300 ft., 500 ft. and 800 ft. Free and refractory ore. 10-stamp mill, 20 tons daily capacity.
Gold—Ruby Gold Mining & Milling Co., 41-42 Arapahoe bldg., Denver. Ruby mine. Shaft, 150 ft. Tunnel, 450 ft. Refractory ore. 500 tons; 300 days; 6 employes. Steam.
Iron Cross mine. Shaft, 150 ft. Refractory ore.
Gold—Utica Mining Co.
Gold—H. J. White.
G.S.—Wirth & Huling. Gold and silver.

WESTCLIFFE, Custer Co. Pop. 192. M.O. Ry. Cotopaxi, 249.
S.L.—Bull Domingo Mining & Leasing Co. Silver and lead.
G.S.—J. P. Falkenberg. Gold and silver.
Gold—H. H. Tomkins & Co.

WHITE CROSS, Hinsdale Co. Ry. Lake City, 249.
G.S.—Geo. Boyd. Gold and silver.
G.S.—J. H. Brown. Gold and silver.
G.S.—Jos. Chapman. Gold and silver.
G.S.—Gunnison Mining Co. Gold and silver.
L.S.P.—M. E. Holland & Co. Mines at Argentum. Lead, silver and platinum.
G.S.—Robt. Kissock. Gold and silver.
G.S.—Leonard Low. Gold and silver.

WHITE CROSS—Continued.
G.S.—Red Gulch Mining Co. Gold and silver.
G.S.—Jas. Sloan. Gold and silver.
G.S.—Jas. Steinbeck. Gold and silver.
G.S.—Geo. Wilson. Gold and silver.
S.Cop.—H. E. Wright. Monticello mine; shaft, 50 ft. U Bet mine; shaft, 30 ft. Park View mine; tunnel, 412 ft. Silver and copper. Free ore. 200 tons; 90 days; 10 employes.

WHITEPINE, Gunnison Co. Pop. 143. M.O. Ry. Sargents, 249. Banking town Gunnison.
L.Z.—J. F. Allum. Lead and zinc.
G.S.—Thos. W. Berry. Gold and silver.
G.S.—Beta Mining Co. Gold and silver.
S.L.—Nash & Edgworth. Silver and lead.

WILLIAMSBURG, Fremont Co. Pop. 324. M.O. Ry. Florence, 31; 249. Banking town Canon City.
B.Coal—United Coal Co., 524 Ernest & Cranmer bldg., Denver, Colo. Fremont mine. Shaft, 420 ft. 35,000 tons; 200 days; 100 employes. Steam. J. H. Simpson, mine supt.
B.Coal—Williamsburg Coal Co.

WINDSOR, Weld Co. P.O. New Windsor. Tel. Ry. 898.
Smlt.—Globe Smelting Co.

WOODLAND PARK, El Paso Co. M.O. Ry. 207. Banking town Manitou Springs.
G.S.—Quaker Girl Mining & Milling Co. Gold and silver.
G.S.—Wm. C. Saunders. Gold and silver.
G.S.—Jno. H. Smith. Gold and silver.
G.S.—D. Spidman. Gold and silver.
G.S.—Alvin Stump. Gold and silver.
G.S.—A. G. Templeton. Gold and silver.
G.S.—David Vaughn. Gold and silver.
G.S.—Woodland Park Mining Co. Gold and silver.
G.S.—Robt. Zernsworth. Gold and silver.

YUMA, Yuma Co. Pop. 241. M.O. Tel. Ry. 99.
Gold—Paymaster Mining Co.

CONNECTICUT

ANSONIA, New Haven Co. Pop. 10,220. M.O. Tel. Ry. 599.
Gran.—F. Holbrook. Granite.
Gran.—Secombe Bros. Granite.
Gran.—C. B. Wooster, 263 Wakele ave. Granite curbing, dimension and ashlar, 240 days. 15 employes. Steam. Albion Vandercook, quarry supt.

BRANFORD, New Haven Co. Pop. 4,500. M.O. Tel. Ry. 599. Banking town Gainesville.
Gran.—Stony Creek Red Granite Co.

BRIDGEPORT, Fairfield, Co. Pop. 49,500. M.O. Tel. Ry. 599.
Stone—Frank Armstrong.
Gold—E. C. Barrick.
Stone—F. W. Beers. Old mill quarry. Steam.
Cop.Ref.—Bridgeport Copper Co., foot of Howard ave. A. F. Migeon, pres.; J. H. Mathews, secy. and treas. 9 stacks; 300 days. Steam and electricity. Refined copper. Brands, "P. S. C." and "B. C. C."
Plumb.—Bridgeport Crucible Co. Plumbago.
Gold-S.—Bridgeport M. & M. Co., 380 Main st. J. W. Knowlton, pres.; W. J. Wheeler, v. pres.; Horace Pigg, treas.; E. P. Wheeler, supt. and buyer. Cap. stk. $600,000 pd. up. Mine at Conconully, Washington.
Stone—Bridgeport Quarry Co.
Slate—Bridgeport Slate Mantel Co.
B.Coal—Cedar Creek Coal Co.
Stone—M. Farrell.
Stone—P. Garvey.
Stone—J. S. Hubbell.
Marble—Chas. J. Hughes.
Stone—Huntington Road E. Bridgeport Stone Quarries.
C.E.—J. W. Knowlton, civil engineer.
Stone—Edward Larkin.
Stone—J. H. Parmalee.
Stone—B. D. Pierce, Jr., Co.
Stone—James Sexton, Jr.
Marble—Daniel Smith.
Stone—J. W. Southey & Son.
Stone—Stevenson & Christie.
Stone—Stone Road Construction Co.
Roll.M.—Wilmot & Hobbs Co.

BRISTOL, Hartford Co. Pop. 7,200. M.O. Tel. Ry. 593.
Marble—G. C. Ames, Bristol.
Copper—Bristol Mining Co.
Atty.—Epaphroditus Peck, attorney-at-law, 130 Main st. Notary public; prosecuting attorney of town; borough attorney; prosecuting agent for Hartford Co. Refer to Bristol Savings Bank, Bristol National Bank and Sessions' Foundry Co. Compiler of Connecticut laws for the RECORD.
Gran.—O. S. Webber. Granite.

BUCKLAND, Hartford Co. Pop. 390. Tel. Ry. 593.
Stone—Chas. O. Wolcott. Buckland quarry. Red Sandstone. Value of output $3,000 to $5,000 per annum. 4 employes. Hand.

CHAPINVILLE, Litchfield Co. Pop. 158. Tel. Ry. 674.
B.Fur.—Landon Iron Co.

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COBALT, Middlesex Co. Pop. 290. M.O. Tel. Ry. 599.
Gran.—Dalas Bros. Granite.

COLLINSVILLE, Hartford Co. Pop. 2,600. M.O. Tel. Ry. 599.
Gran.—C. S. Osborne. Granite.

CORNWALL BRIDGE, Litchfield Co. Pop. 290. M.O. Tel. Ry. 599.
B.Fur.—Cornwall Bridge Iron Co., Cornwall Bridge.

CROMWELL, Middlesex Co. Pop. 2,000. M.O. Tel. Ry. 593; 599.
Stone—Connecticut Brownstone Co. Brownstone.
Stone—Connecticut Freestone Quarry Co. Freestone.
Stone—New England Brown Stone Co. H. Wales Lines, pres.; Geo. H. Wilcox, v. pres.; E. B. Cowles, secy.; A. Chamberlain, treas.; W. F. Ranney, gen. mgr. and buyer. Cap. stk. $250,000 pd. up. Connecticut brown freestone. 500,000 cubic ft.; 300 days; 125 employes; 5 miles R. R.; 2 locomotives; 49 cars; chartered boats. J. B. Bond, quarry supt.

DANBURY, Fairfield Co. Pop. 16,600. M.O. Tel. Ry. 593; 599.
Marble—N. E. Austin.
Stone—Carpenter Bros.
Stone—Martin Collins.
Marble—H. E. Comes.
Gran.—A. C. Osborne. Granite.

DANIELSON, Windham Co. M.O. Tel. Ry. 593.
Gran.—A. G. Scranton.

E. GLASTONBURY, Hartford Co. Pop. 100. M.O. Tel. Ry. 219.
Gran.—H. R. Brooks. Granite.
Stone—A. M. Curtis.
Stone—Glastonbury Quarry Co.
Stone—Lester Holmes.
Stone—H. T. Linger.

EAST HARTFORD, Hartford Co. Pop. 4,500. M.O. Tel. Ry. 593.
Marble—W. H. Hollis.

ESSEX, Middlesex Co. Pop. 2,050. M.O. Tel. Ry. 593.
Gran.—Joshua Rock Granite Co. Granite quarry. Steam.

GLASTONBURY, Hartford Co. Pop. 3,450. M.O. Tel. Ry. 219.
Gran.—Bucklandt & Harding. Granite.

GRANBY, Hartford Co. Pop. 1,250. M.O. Tel. Ry. 599.
Marble—G. J. Maher.

GREENWICH, Fairfield Co. Pop. 10,200. M.O. Tel. Ry. 599.
Stone—J. D. Mead.
Stone—Thos. Ritch & Son, New York.
Lime—W. J. Smith.
Stone—John Voorhis.
Stone—Henry Webb.

GROTON, New London Co. Pop. 5,500. M.O. Tel. Ry. 599.
Gran.—J. Scully & Son. Granite.

GUILFORD, New Haven Co. Pop. 2,800. M.O. Tel. Ry. 599.
Stone—Darwin N. Benton, Guilford.
Marble—F. W. Shelley.

HARTFORD, Hartford Co. Pop. 53,520. M.O. Tel. Ry. 593; 599; 674.
Iron—Arcadia Iron Co. C. M. Joslyn, pres. Mine at Buchanan.
Stone—H. E. Billings.
Phos.—Bonnie May Mining Co. Mine at Pemberton, Fla.
Gran.—Seth Breden & Son.
Gran.—C. D. & H. D. Burnham. Granite.
Gran.—Alexander Dallas. Granite.
C.E.Sur.—Timothy Drake, civil engineer and surveyor, 715 Main st.
Marble—S. Moslen.
Gran.—N. E. Granite Works. Granite quarry and mill.
B.Coal—J. J. Poole & Co.
Marb.—George M. Redway.

KENT FURNACE, Litchfield Co. Pop. 100. Ry. Kent, 599.
B.Fur.—Kent Iron Co., Kent Furnace. Iron mine and furnace.

KILLINGLY, Windham Co. Pop. 7,028. M.O. Tel. Ry. name Dayville, 593.
Gran.—J. E. Oatley.

LAKEVILLE, Litchfield Co. Pop. 1,000. M.O. Tel. Ry. 674.
Iron—Davis Digging Co.
Iron—Forbes Ore Bed.

LEETES ISLAND, New Haven Co. Pop. 240. M.O. Tel. Ry. 599.
Gran.—John Beattie, Beattie Granite quarry. Steam.

LIMEROCK, Litchfield Co. Pop. 650. M.O. Tel. Ry. 599.
B.Fur.—Barnum Richardson Co. Pig iron and car wheels.
B.Fur.—Lime Rock Iron Co.

MADISON, New Haven Co. Pop. 15,000. M.O. Tel. Ry. 599. Banking town Tallahassee.
Marb.—George A. Shelley.

MANSFIELD, Tolland Co. Pop. 1,950. Tel. Ry. 136.
Marb.—Lucius Fuller.

MERIDEN, New Haven Co. Pop. 22,200. M.O. Tel. Ry. 593; 599.
Marb.—G. J. Grossman.
Mica—Itasca Mica Co.
Stone—James Kane & Son.
Stone—T. Kearney.
Stone—John S. Lane & Son. Trap rock.
Stone—Maurice Leuby.
Stone—H. B. Lucas & Son.
Gran.—Mathew Maloney. Granite.
Stone—Louis H. Wales Co., 134 State st.

MIDDLETOWN, Middlesex Co. Pop. 9,015. M.O. Tel. Ry. 599.
Gran.—Alexander Campbell. Granite and marble.
Gran.—Columbia Granite Co. Benvenue granite. Steam.
Gran.—Haddam Granite Quarry Co.
Gran.—Scoville & Murphy.
Gran.—Whitmore Bros. Maromas quarry. Steam.

MYSTIC, New London Co. Pop. 3,140. M.O. Tel. Ry. 599.
Gran.—Mystic Silex Works.
Gran.—Opie & Cady.
Gran.—H. A. Sherman.
Stone—Trevena Bros.

NEW BRITAIN, Hartford Co. Pop. 19,027. M.O. Tel. Ry. 593; 599.
Marb.—John Hanna. Marble works.
Stone—John Nolan. 14 Lilac st. Bluestone. 10 employes.
Marb.—Thos. C. Smith.
Gran.—J. J. Wilson. Granite.

NEW HAVEN, New Haven Co. Pop. 83,000. M.O. Tel. Ry. 599.
Marb.—J. Andrea. New Haven.
Marb.—C. F. Balbier.
B.Coal—Benedict & Co.
Gran.—Dan. Carrington Bradley.
Iron—Geo. H. Burgess.
Plas.—Connecticut Adamant Plaster Co. Plaster quarry and works.
Marb.—Jos. Cornish. Marble.
Marb.—M. Fahy. Marble.
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NEW HAVEN—Continued.
B.Coal—E. S. Kimberley Co.
Roll.M.—New Haven Rolling Mill Co.
Marb.—Thos. Phillips & Son.
Gran.—Smith Granite Co., Westerly, R. I.
Gran.—P. Sterling. Granite.
B.Coal—Williams, Wells & Co.

NEW LONDON, New London Co. Pop. 14,500. M.O. Tel. Ry. 136; 599.
Marb.—M. D. Buckley.
Gran.—D'Avignon & Sayles.
Marb.—C. F. Stoll. Quarry at Groton.

NEW MILFORD, Litchfield Co. Pop. 3,400. M.O. Tel. Ry. 599.
Mica—S. L. Wilson. Mica and garnets. Open cut, 12x300 ft.

NEW PRESTON, Litchfield Co. Pop. 500. M.O. Tel. Ry. 816.
Gran.—Frank P. Bolles. Quarry at Warren.
Marb.—Henry Bolles.

NEWTOWN, Fairfield Co. Pop. 3,500. M.O. Tel. Ry. 599.
Gran.—Elon Booth. Granite.

NIANTIC, New London Co. Pop. 820. M.O. Tel. Ry. 599.
Gran.—Davis Bros. Granite.
Gold—James V. Luce. Mine at Pendleton, Va. Also granite quarries.
Gran.—David McNaughton. Granite.
Gran.—Millstone Granite Co.
Gran.—White Granite Co.

NORTHVILLE, Litchfield Co. Pop. 99. Ry. New Milford, 599.
Marb.—R. Morehouse.

NORWALK, Fairfield Co. Pop. 17,890. M.O. Tel. Ry. 599. Banking town Palatka.
Gran.—P. W. Bates. Granite.
Gran.—W. M. Stevens. Granite.

NORWICH, New London Co. Pop. 17,100. M.O. Tel. Ry. 136; 593.
Gold—Austerlitz Gold Mining Co.
Marb.—P. R. Condon.
Stone—F. B. Durfey.
Roll.M.—Thames Iron Works.

ONECO, Windham Co. Pop. 400. M.O. Tel. Ry. 593.
Gran.—O. F. Gibson. Townsend granite quarry. 2,000 tons; 200 days; 25 employes. Steam.

OREHILL, Litchfield Co. Pop. 500. Ry. 674.
Iron—Brook Pit Mining Co.
Iron—Chatfield Mining Co.

PLYMOUTH, Litchfield Co. Pop 720. M.O. Tel. Ry. Thomaston, 599.
Marb.—D. E. Matoon.

PORTLAND, Middlesex Co. Pop. 4,700. M.O. Tel. Ry. 599.
Stone—Brainard Quarry Co. Sandstone.
Stone—Connecticut Steam Brownstone Co. Brownstone.
Stone—Middlesex Quarry Co. F. Gildersleeve, pres.; Chas. A. Jarvis, secy. and treas.; H. A. Cornwall, gen. mgr. and buyer. Cap. stk. $500,000 pd. up. Connecticut brownstone. 500,000 cubic feet; 300 days; 250 employes. Steam. Operate 5 miles ry.; 2 locomotives; 30 cars.
Stone—Shaler & Hall Quarry Co. John H. Hall, pres.; E. I. Bell, v. pres.; W. H. Edwards, secy. and treas.; Fred'k Depeyster, gen. mgr. Cap. stk. $100,000 pd. up. Brown sandstone. 500,000 cu. ft.; 150 employes. Steam. Operate 3 miles ry.; 2 locomotives; 32 cars. Sam'l B. Whitby, quarry supt.

PUTNAM, Windham Co. Pop. 6,450. M.O. Tel. Ry. 593.
Marb.—Love Bros., Webster, Mass.
Gran.—John Mitchal. Granite.

REDDING, Fairfield Co. Pop. 2,000. M.O. Ry. 599.
Lime—John Todd.

RIDGEFIELD, Fairfield Co. Pop. 2,240. M.O. Tel. Ry. 599.
Gran.—A. W. Lee. Granite.

ROCKVILLE, Tolland Co. Pop. 8,000. M.O. Tel. Ry. 593.
Marb.Gran.—Eldredge & Adams. Marble and Granite.

ROXBURY STATION, Litchfield Co. Pop. 320. M.O. Ry. 816.
Gran.—Mine Hill Quarry Co. Granite.
Gran.—Mine Hill Stone Co. Granite.
Gran.—Mower & Co. Mine Hill granite quarry. Horse.
Gran.—Roxbury Stone Quarry Co. Granite.

SALISBURY, Litchfield Co. Pop. 3,500. M.O. Tel. Ry. 674.
Marb.—John Flynn.
Iron—Forbes Ore Bed Co. Iron mine.

SEYMOUR, New Haven Co. Pop. 3,400. M.O. Tel. Ry. 599.
Gran.—G. P. Shelton. Granite.

SHARON VALLEY, Litchfield Co. Pop. 560. M.O. Tel. Ry. Sharon Station, 599. Banking town Litchfield.
B.Fur.—Sharon Valley Iron Co. Iron furnace.

SOMERS, Tolland Co. Pop. 1,500. M.O. Tel. Ry. Hazardville, 593.
Stone—Wm. Weires.

SOUTH NORWALK, Fairfield Co. Pop. 7,000. M.O. Tel. Ry. 599.
Machy.—Norwalk Iron Works Co. Manufacturers of Air and Gas Compressors.

STAFFORD SPRINGS, Tolland Co. Pop. 2,500. M.O. Tel. Ry. 136.
Marb.—A. W. Kingsbury.

STAMFORD, Fairfield Co. Pop. 16,200. M.O. Tel. Ry. 599.
Marb.—A. E. Bounty.
Marb.—Lane & Cavanagh.

STERLING, Windham Co. Pop. 1,052. M.O. Tel. Ry. 593.
Stone—J. W. Boswell.
Gran.—Garvey Bros. Granite.

STONINGTON, New London Co. Pop. 7,200. M.O. Tel. Ry. 599.
Marb.—E. W. Doty.

STONYCREEK, New Haven Co. Pop. 800. M.O. Tel. Ry. 599.
Gran.—Branford Granite Co.
Stone—J. N. Derble & Co.

STRATFORD, Fairfield Co. Pop. 2,530. M.O. Tel. Ry. 599.
Gran.—E. Beardslee.
Stone—E. R. Silliman. Trap rock.

TARIFFVILLE, Hartford Co. Pop. 350. M.O. Tel. Ry. 674.
Marb.—A. J. Kitchen & Son.

THOMASTON, Litchfield Co. Pop. 990. M.O. Tel. Ry. 599.
Gran.—Plymouth Gran. Co.

THOMPSONVILLE, Hartford Co. Pop. 4,900. M.O. Tel. Ry. 599.
Marble—J. B. Liberty.

TORRINGTON, Litchfield Co. Pop. 9,500. M.O. Tel. Ry. 599.
Marb.—L. J. Baldwin.

WARREN, Litchfield Co. Pop. 220. Ry. New Preston, 816.
Gran.—Frank P. Bolles, New Preston. Comstock quarry. Slope. 12,000 cubic ft.; 2 employes.

WATERBURY, New Haven Co. Pop. 29,540 M.O. Tel. Ry. 593; 599.
Marb.—C. Jackson & Son.
Marb.—New York & Waterbury Marble Works.

WATERFORD, New London Co. Pop. 3,000. M.O. Tel. Ry. 591. Banking town New London.
Gran.—Booth Bros. & Hurricane Isle Granite Co., 60 Bank st., New York. Connecticut white granite. 100,000 cords; 280 days; 105 employes. Steam. Operate 1 steamer and 1 sailing vessel.
Gran.—Winter Davis. Granite.
Gran.—White & Gates Granite Co.

WILLIMANTIC, Windham Co. Pop. 9,000. M.O. Tel. Ry. 136; 593; 599.
Gran.—A. P. Benner. Granite.
Stone—Edson & Calkins.
Gran.—W. H. Osborne. Granite.
Marb.—John Salter & Son.

WINCHESTER CENTER, Litchfield Co. Ry. Winsted, 599; 674. Banking town West Winsted.
Marb.—J. E. Pierce.

WINSTED, Litchfield Co. Pop. 4,900. M. O. Tel. Ry. 599; 674.
Marb.—O. E. Gillette.

DELAWARE

EDGEMOOR, Newcastle Co. Pop. 330. M.O. Tel. Ry. 675. Banking town Wilmington.
Roll.M.—Edge Moor Iron Co., Wilmington.

MARSHALLTON, Newcastle Co. Pop. 430. M. O. Tel. Ry. 49. Banking town Wilmington.
Roll.M.—Marshallton Iron Works.

NEWCASTLE, Newcastle Co. Pop. 4,008. M.O. Tel. Ry. 675.
Roll.M.—Delaware Iron Co., Philadelphia, Pa.

NEWPORT, Newcastle Co. Pop. 715. M.O. Tel. Ry. 675.
Roll.M.—Marshall Iron Co. Sheet iron.

SMYRNA, Kent Co. Pop. 2,458. M.O. Tel. Ry. 675.
Phosph.—Cummings A. Lee.
Phosph.—Lewis & Co.
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WILMINGTON, Newcastle Co. Pop. 62,580. M.O. Tel. Ry. 49; 675; 946.
Gran.—Brandywine Granite Co., 5th and Shipley sts. Granite quarry. Steam.
Roll.M.—Diamond State Iron Co. Bar iron.
Gran.—Daniel Dougherty. Granite.
Gran.—John H. Flamer, 416 E. 11th st. Brandywine granite quarry. Horse.
Marb.—Green Serpentine Marble Co.
C.E.—Theodore A. Leisen, civil engineer.
Roll.M.—McCullough Iron Co.
Phosph.—Pharr Phosphate Co. Mine at Bartow, Fla.
Atty.—James W. Ponder, attorney-at-law, 843 Market st. Solicitor in Chancery. Practice in all the courts. Compiler of the laws of Delaware for the RECORD.
Roll.M.—Seidel & Hastings Co.
Baux.—Southern Bauxite Mining & Milling Co., 900 Market st. S. R. Smith, pres.; J. E. Smith, secy. and treas.; R. S. Perry, M. E., gen. mgr.; C. D. McCollister, buyer. Cap. stk. $100,000 pd. up. Mines at Cave Spring and Rome, Ga.

DISTRICT OF COLUMBIA

WASHINGTON, Washington Co. Pop. 239,786. M.O. Tel. Ry. 49; 51.
F.Clay—Branchville Clay Co., 1518 H st. Walter Harvey Weed, pres.; John E. Beall, v. pres.; W. M. Cleland, secy.; Frank H. Knowlton, treas. Cap. stk. $100,000. Fire clay pit at Branchville, Md.
Chem.—Eugene Byrnes, A.B., LL.M., principal examiner and chemist U. S. patent office. Specialties, metallurgy and electro-chemistry.
Stone—Consolidated Quarry Co., room 8, Sun bldg. H. P. Gilbert, pres.; Edward Baltzley, v. pres.; J. C. Pratt, secy. and treas.; W. J. Fay, gen. mgr. and buyer. Cap. stk. $120,000; $110,000 pd. up. Quarries at Capital View and Glen Echo, Md., and Occoquan, Va.
Geolo.—Wm. Healey Dall, A. M. Tertiary geology and paleontology. Smithsonian Institution. Honorary curator department of mollusks, U. S. National Museum. Paleontologist in charge of cenozoic division U. S. Geological Survey.
Ch.Met.—Frederic P. Dewey, chemist and metallurgist, 702 9th st., N. W.

WASHINGTON—Continued.
Geolo.—Geo. H. Eldridge, geologist care of U. S. Geological Survey. Economic geology.
Attys.—Gould and Woodward (Wm. Ledin Woodward, Ashley M. Gould, Thomas P. Woodward). Attorneys and Counselors at Law. 507 E. St. N. W. Practice before the U. S. Supreme and local Courts, and Congressional Committees.
Copper—Granville Copper Co., 1416 F st.
M.&P.Atty.—Woodford D. Harlan, mining, land and patent attorney, Warder bldg., 9th and F sts. Patents on mining machinery a specialty.
Attys.—J. S. & E. S. McCalmont, attorneys-at-law, 472 Louisiana ave.
Attys.—Padgett & Forrest (Jas. E. Padgett and Edwin Forrest), attorneys-at-law, 317 & 319 4½ st., N. W. Practice before all courts of the District and U. S. Supreme Court. Compilers of District of Columbia laws for the RECORD. Mining litigation before the Interior Department and U. S. Supreme Court a specialty.

FLORIDA

ACME, Polk Co. Ry. 311. Banking town Bartow.
C.E.—A. F. Gartner, civil engineer.
Phos.—United States Phosphate Co., 53 State st., Boston, Mass. Pebble, 36,000 tons; 300 days; 30 employes. Steam. Operate 2 miles of ry.; 1 locomotive; 8 cars; 2 dredges; 5 canal boats.

ALBION, Levy Co. M.O. Tel. Ry. 310. Banking town Cedar Keys.
Phos.—Albion Mining and Manufacturing Co. B. F. Camp, pres.; J. L. Camp, v. pres.; Clarence Camp, secy.; R. J. Camp, treas.; W. N. Camp, gen. mgr. and buyer. Cap. stk. $300,000 pd. up. Open pit. 20,000 tons; 250 days. Steam.
Phos.—Albion Phosphate Mining Co., Baltimore, Md. Albion rock phosphate. Steam. 2 miles of ry.; 2 locomotives; 75 cars.
Phos.—Albion Phosphate Mining & Chemical Co. Mine at Lexington.
Phos.—Gen. E. B. Bailey, Ft. White.
Phos.—Camp Phosphate Co. W. N. Camp, gen. mgr. Cap. invested, $75,000. Open pit, 10,000 tons; 250 days. Steam.
Phos.—Compagnie des Phosphates de France, 16 Place Vendome, Paris, France.
Phos.—Consolidated Phosphate Co.
Gl.M.E.—E. T. Cox, geologist, chemist and mining engineer.
Phos.—Phosphate Develop. & Furnace Co.
Phos.—Portland Chemical & Phosphate Co. J. H. Drummond, pres.; J. H. Drummond, Jr., secy.; L. Taylor, treas., gen. mgr. and buyer. Cap. stk. $600,000; $286,000 pd. up.
Phos.—Southampton Phosphate Co. W. N. Camp, gen. mgr. Cap. invested, $20,000. Mine at Wade.

ANITA, Citrus Co. Ry. 802.
Phos.—Anita Phosphate Co., Ocala. Rock, 10,000 tons; ¼ mile ry. R. S. Clark, mine supt.
Phos.—Crown & Crescent Co., Ocala. Open pit, 15,000 tons; 260 days; 100 employes. Steam. 1¼ miles ry. A. S. Anderson, mine supt.
Phos.—Florida Syndicate, Ltd., Ocala. Rock. 35,000 tons; 260 days; 600 employes. Steam. Four miles of ry. R. S. Clark, mine supt.

ANTHONY, Marion Co. Pop. 230. M.O. Tel. Ry. 310. Banking town Ocala.
Phos.—Deacon Co. Pebble phosphate. Steam. Mill.
Phos.—Lindner Phosphate Co. Rock phosphate. Steam.
Phos.—Maryland Phosphate Co. Rock phosphate. Steam. Mill.
Phos.—Snider Phosphate Co.

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ARCADIA, De Soto Co. Pop. 1,400. M.O. Tel. Ry. 311.
Phos.—Arcadia Phosphate Co., Savannah, Ga. Pebble phosphate. Steam dredge.

ARCHER, Alachua Co. Pop. 100. M.O. Tel. Ry. 310; 802. Banking town Gainesville.
Phos.—Standard Phosphate Co., Archer.

BARTOW, Polk Co. Pop. 1,400. M.O. Tel. Ry. 311; 802.
Phos.—Bell Phosphate Co.
Phos.—Bone Hill Phosphate Co., Boston, Mass.
Phos.—Brown Valley Phosphate Co.
Phos.—Chera Phosphate Co.
Phos.—Clear Springs Phosphate Co., Pittsburg, Pa.
Phos.—Florida Phosphate Co., Ltd. Phosphoria, Fla., and London, Eng. 15,000 tons. 250 days. 27 employes. Steam. Frank Hunt, mine supt.
Phos.—Florida Phosphate Mining, Transportation & Storage Co.
Phos.—Foote Commercial Phosphate Co., 39 Broadway, New York. Open pit. 250 days; 25 employes. Steam. Operate 3½ miles of ry.; 1 locomotive; 6 cars. F. M. Stansbrough, mine supt.
Phos.—Homeland Mining & Land Co.
Phos.—Frank Hughes.
Phos.—Hunt, Lay & Joslyn.
Phos.—Lake Hancock Pebble Phosphate Co. Pebble phosphate. Steam.
Phos.—M. W. LaRue Phosphate Co.
Phos.—Lay Phosphate Co.
Phos.—Lybasco Phosphate Co.
Phos.—Palmetto Phosphate Co.
Phos.—Pharr Phosphate Co., Wilmington, Del.
Phos.—Plant City & Bartow Rock Phosphate Co.
Ch.&M.E.—J. H. Pratt, chemist and mining engineer. See also Birmingham, Ala. Specialty: phosphates.
Phos.—Saddle Creek Phosphate Co., St. Louis, Mo.
Phos.—Tatum Phosphate Co. Pebble phosphate. Steam.

BAY CITY, Hernando Co. Ry. 802. Banking town Brooksville.
Phos.—Thos. Sherlock. Phosphate.

BAYHILL, Sumter Co. Ry. Pemberton. 311; 692.
Phos.—Glenn Alice Phosphate Co.

BELLEVIEW, Marion Co. Pop. 125. M.O. Tel. Ry. 310. Banking town Talboton.
Phos.—William W. Acheson. Phosphate.
Phos.—Belleview Phosphate Wks. Soft phosphate. Steam.
Phos.—C. C. Collins. Phosphate.

BLOOMFIELD, Lake Co. Pop. 260. M.O. Ry. Okahumpka 311. Banking town Tavares.
Phos.—Lake Co. Phosphate & Fertilizer Co. Rock phosphate. Steam. Mill.

BLUE SPRING, Marion Co. Ry. name Juliette, 692. Banking town Ocala.
Phos.—Wm. Flournoy.
Phos.—Stonewall Phosphate Co. Rock phosphate. Steam.
Phos.—Stranathan Phosphate Co.

BONEVALLEY, Polk Co. Ry. 952.
Phos.—Bone Valley Phosphate Co., Boston, Mass.

BOWLING GREEN, De Soto Co. M.O. Tel. Ry. 311. Banking town Ft. Meade.
Phos.—National Peace River Phosphate Co., Jacksonville. 24,000 tons. 290 days. 15 employes. Steam.

BRONSON, Levy Co. Pop. 295. M.O. Tel. Ry. 310. Banking town Cedar Keys.
Phos.—Bronson Pebble Phosphate Mining & Land Co.

CHIPLEY, Washington Co. Pop. 380. M.O. Tel. Ry. 479. Banking town Marianna.
Phos.—E. W. Dikle.

CLEVELAND, De Soto Co. Pop. 70. Tel. Ry. 311. Banking town Punta Gorda.
Phos.—Gulf Phosphate Mining Co.

DADE CITY, Pasco Co. Pop. 330. M.O. Tel. Ry. 310; 802.
Phos.—M. C. Resdell & Co.

DELAND, Volusia Co. Pop. 1,130. M.O. Tel. Ry. 401.
Phos.—De Land Manufacturing Co.
Phos.—Hurns Chemical Co.

DELEON SPRINGS, Volusia Co. Pop. 260. M.O. Tel. Ry. 401. Banking town Deland.
Shell-Cem't.—De Leon Springs Co. J. B. Clough, Mt. Sterling, Ill., pres.; H. H. Clough, Elyria, Ohio, v. pres.; Frank E. Bond, gen. mgr. Cement shell, 1,000 car loads; 300 days; 35 employes.

DUNNELLON, Marion Co. Pop. 540. M.O. Tel. Ry. 802.
Phos.—M. J. Clement. Ocala. Weston pit; 10,000 tons; 300 days; 50 employes; 40 tons daily capacity. Steam. Two miles tramway. Ship Weston.
Solary pit, 10,000 tons; 300 days; 40 employes. Steam washer; 40 tons daily capacity. One-half mile tramway. Ship Solary.
Fisk pit, 10,000 tons; 300 days; 40 employes. Steam washer, 40 tons daily capacity. 1½ miles tramway. Ship Chatmar.
Phos.—Consolidated Phosphate Co.
Phos.—Dunnellon Phosphate Co. J. L. Inglis, pres.; C. K. Dutten, v. pres.; Ralph Barker, sec'y.; Hugh S. Auchinduss, treas.; A. G. Bigelow, supt. Cap. stk., $1,200,000 pd. up. High grade, 50,000 tons; 475 employes. Steam.
Phos.—Early Bird Phosphate Co.
Phos.—Hartshorn Phosphate & Mining Co.
Phos.—Hubbard & Evans Phosphate Mining Co.
Phos.—International Phosphate Co.
Phos.—Ocala & Blue River Phosphate Co. Ocala.
Phos.—Prospect Phosphate Co.
Phos.—Chas. A. Pyne, Ocala. Open pit; 10,000 tons; 300 days; 70 employes. Steam. Log washers of 60 tons daily capacity. Two miles of railway.
Phos.—J. W. Roberts.

DUTTONS, Alachua Co. P.O. Wade. Ry. 802.
Phos.—Wells, Chipman & Hubbard, Ocala. Cherokee mine. Open pit, 12,000 tons; 300 days; 50 employes. Steam. Daily capacity, 90 tons. John Chipman, mine sup't.

EARLY BIRD, Marion Co. Ry. 310. Banking town Ocala.
Phos.—Standard Phosphate Co.
Phos.—Whitfield & Sanders.

ELLAVILLE, Madison Co. Pop. 800. M.O. Tel. Ry. 285; 310. Banking town Tallahassee.
Phos.—L. Bucks & Son, Phosphate.

ELMWOOD, Marion Co. Ry. Phoenix, 310; 692. Banking town Ocala.
Phos.—Live Oak Phosphate Co.

FERNANDINA, Nassau Co. Pop. 2,920. M.O. Tel. Ry. 310.
Phos.—J. G. McGriffin.
Phos.—B. Orentz & Co.
Phos.—S. D. Swann.
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FITZGERALD, Hernando Co. Ry. 311; 802. Banking town Brooksville.
Phos.—Bonnie May Mining Co.
Phos.—Estate of William L. Bradley, Boston, Mass.

FLORAL CITY, Citrus Co. Pop. 320. Tel. Ry. 802.
Phos.—W. M. Brooks.
Phos.—Floral City Phosphate Co.
Phos.—Franco-American Phosphate Co., Ocala. 20,000 tons; 200 days; 100 employes.
Phos.—W. A. Fulton.

FORT MEADE, Polk Co. Pop. 400. M.O. Tel. Ry. 311.
Phos.—Belle Phosphate Co., New York.
Phos.—H. F. Crawford. Cap. $1,000. Soft rock, 50 tons; 3 employes. Horse. Daily capacity 5 tons.
Phos.—Ft. Meade Phosphate, Fertilizer and Investment Co.; H. B. Smith, pres.; M. R. Cooper, treas.; J. E. Robeson, gen. mgr. Cap. stk. $50,000. 2 miles of ry.
Phos.—Marietta Phosphate Co.
Phos.—James Morrison. Phosphate.

FORT WHITE, Columbia Co. Pop. 390. M.O. Tel. Ry. 802. Banking town Lake City.
Phos.—Gen. E. B. Bailey. Phosphate. Mine also at Albion.
Phos.—Brooks Phosphate Co. R. D. E. Brooks, pres. and gen. mgr.; M. H. Brooks, v. pres.; C. M. Brooks, secy.; H. M. Brooks, treas. Cap. stk., $6,000. McKinney mine. Open pit. 250 days; 25 employes; 40 tons daily capacity.
Phos.—Ft. White Phosphate Co., Kansas City, Mo.
Phos.—Perrin Phosphate Co. R. G. Perrin, pres.; C. H. Thompson, secy. and treas. Steam.
Phos.—Pittston Hard Rock & Phosphate Co.
Phos.—J. D. Riley. Phosphate.
Phos.—Robinson Phosphate Co.
Phos.—Willard & Riley. Phosphate.

GAINESVILLE, Alachua Co. Pop. 2,820. M.O. Tel. Ry. 310; 311.
Phos.—Alachua Phosphate Co., Ocala. Hard rock phosphate. 30,000 tons; 280 days; 100 employes. Steam.
Phos.—H. F. Dutton & Co. Phosphate mines at High Springs.
Phos.—Gainesville Phosphate Co.
Ch.M.E.—H. Herzog, Jr., analytical chemist and mining engineer.
Phos.—Magnolia Manufacturing Co. Phosphate.
Phos.—Paradise Fertilizer Co. Pebble phosphate. Steam. Mill.
Phos.—Phosphate Manufacturing Co. Phosphate. Mill.
Phos.—Piedmont Phosphate Co.
Phos.—Wacasassa Phosphate Mining Co.

HARTSHORN, Citrus Co. P.O. Hernando. Ry. 692.
Phos.—Hartshorn Phosphate & Mining Co. Leo Schott, pres.; George Schott, v. pres.; J. A. Haerr, secy. and treas.; Edward Holder, gen. mgr. and buyer. Cap. stk., $70,000, pd. up. Twenty thousand tons; 280 days; 75 employes. Steam. Operate 2 miles ry.

HERNANDO, Citrus Co. Pop. 58. Tel. Ry. 802. Banking town Ocala.
Phos.—Elliston Phosphate Co.
Phos.—Empire State Phosphate Co.
Phos.—Florida Phosphate Co.
Phos.—Florida Syndicate Phosphate Co.

HIGH SPRINGS, Alachua Co. M.O. Tel. Ry. 802. Banking town Gainesville.
Phos.—J. A. Carlisle. Rock phosphate.
Phos.—H. F. Dutton & Co., Gainesville.
Phos.—High Springs Phosphate Mining Co.
Phos.—Royal Phosphate Co. M. F. Simmons, pres., treas. and gen. mgr.; D. C. List, v. pres.; E. P. Simmons, secy. Cap., $3,500. Open pit. 8,000 tons; 250 days; 40 employes. Steam. Ry. switch.
Phos.—M. F. Simmons, Rock phosphate. 3,000 tons; 250 days; 25 employes. Steam.
Phos.—Willard & Riley, Fort White. Rock phosphate.
Phos.—Wright Phosphate Co. Rock phosphate.

HOMELAND, Polk Co. Pop. 210. M.O. Tel. Ry. 311. Banking town Ft. Meade.
Phos.—Standard Fertilizer Co., Kansas City, Mo. Rock phosphate.
Phos.—Whitaker Phosphate Co., Kansas City, Mo. Soft rock. 1,000 tons; 5 employes. Steam. Crushed stone. 30 tons daily capacity. One-mile tramway; 2 mule cars. M. Moranda, mine supt.

HULL, De Soto Co. Tel. Ry. 311.
Phos.—Charlotte Harbor Phosphate Co., Savannah, Ga.
Phos.—Peace River Phosphate Mg. Co., Savannah, Ga. River pebbles. 10,000 tons; 280 days; 75 employes. Steam. Stone mill; 500 tons daily drying capacity. Operate 20 miles of ry; 2 locomotives, 60 cars, and 3 steamers.

INVERNESS, Citrus Co. M.O. Tel. Ry. 802. Banking town Ocala.
Phos.—Cove Bend Land & Phosphate Co., Port Tampa. High grade. 6,000 tons; 200 days; 30 employes. Steam. W. K. Jackson, supt.
Phos.—Gem Phosphate Co., Leesburg. Rock phosphate.
Phos.—Hamburg Phosphate Co., Ocala.

ISTACHATTA, Hernando Co. Pop. 80. M.O. Tel. Ry. 802. Banking town Brooksville.
Phos.—Franco-American Phosphate Co., Ocala. 10,000 tons; 200 days; 80 employes.
Phos.—Imperial Phosphate Co.
Phos.—H. T. Mayfield.
Phos.—Silver Phosphate Co.

JACKSONVILLE, Duval Co. Pop. 18,120. M.O. Tel. Ry. 308; 310; 397; 399; 802.
Atty.—Adams & L'Engle, attorneys and counsellors at law, rooms 12 and 13 Law Exchange. Compilers Laws of Florida for the RECORD. Corporation, commercial and mining law. Refer to State Bank of Florida, National Bank of Jacksonville, and First National Bank of Florida.
B.Coal—Alabama Coal & Commercial Co.
Phos.—Belleview Mining Co. Phosphate.
Phos.—Black River Phosphate Co., 16 W. Bay st., Middleburg.
Phos.—Bowling Green Phosphate Co.
Phos.—Clarkson, Robertson & Co. Phosphate.
Phos.—Columbia Phosphate Co., Bay and Main sts.
C.Me.E.—R. N. Ellis, civil and mechanical engineer, 24 E. 2d st. Hydraulic, mining and water works.
Phos.—Ichetucknee Phosphate Co. Mine at Herlong.
Phos.—Little Bros. Fertilizer & Phosphate Co.
Phos.—Mullen & Meadows Co., 26 Main st. Phosphate.
Phos.—National Peace River Phosphate Co. T. V. Cashen, pres.; J. W. Archibald, v. pres.; Arthur F. Perry, secy; W. J. Harkisheimer, treas.; R. N. Ellis, gen. mgr. and buyer. Cap. stk. $100,000, $80,000 pd. up. Mine at Bowling Green.
Phos.—Pebble Phosphate Co. Jno. L. Marvin, pres.; Chas. Marvin, treas.; E. P. Taliafend, gen. mgr. Mine at Marvinia.
Phos.—Seminole Phosphate Co.
Phos.—J. S. Smith, Jr.
Phos.—Springfield Phosphate Co.

KENDRICK, Marion Co. Tel. Ry. 311. Banking town Ocala.
Phos.—Pebble & Soft Phosphate Co.

KINGSFORD, Polk Co. Tel. Ry. Bartow, 311; 692.
Phos.—Florida Engineering Co. Louis McLain, pres.; Jno. H. Minor, secy. and treas.; W. B. W. Howe, gen. mgr.; E. A. Cooper, buyer. Cap. stk. $75,000, pd. up. Open pit. 30,000 tons; 290 days; 60 employes. Steam. One-half mile of ry. W. B. W. Howe, mine supt.

KISSIMMEE, Osceola Co. Pop. 1,096. M.O. Tel. Ry. 309; 802.
Phos.—Florida Pebble Phosphate Co.

LACROSSE, Alachua Co. Pop. 68. Ry. 41. Banking town Gainesville.
Phos.—Lanellon Phosphate & Fertilizer Co.

LAKELAND, Polk Co. Pop. 580. M.O. Tel. Ry. 38.
Phos.—Bone Valley Phosphate Co., Boston, Mass. Pebble phosphate. Steam. Mill.
Phos.—A. A. Scott. Phosphate.

LEESBURG, Lake Co. Pop. 820. M.O. Tel. Ry. 310; 311; 757.
Phos.—Citrus Queen Phosphate Co.
Phos.—Climax Phosphate Co.
Phos.—Gem Phosphate Co. Mine at Inverness.
Phos.—Salter Phosphate Co.
Phos.—Ernst Yager.

LEXINGTON, Alachua Co. Pop. 100. Ry. 802. Banking town Gainesville.
Phos.—Albion Phosphate Mining & Chemical Co., Albion.
Phos.—J. E. O'Hean & Bro. Phosphate.
Phos.—G. D. Younglove. Phosphate mine at Newberry.

LURAVILLE, Suwanee Co. Pop. 80. M.O. Ry. 474. Banking town Lake City.
Phos.—Cie. des Phosphate de France. Principal office 16 Place Vendome, Paris, France. E. Farcy, Paris, France, pres.; E. Doche, M. E. and resident gen. mgr. Cap. stk. $1,000,000, pd. up. Shipping point Live Oak. Also mine at Elliston; shipping point Dunnellon. Open pit. 50,000 tons. 300 days. 350 employes. Operate 3 miles of Ry., 2 locomotives, 275 cars.
Phos.—Compagnie des Phosphate de France, 16 Place Vendome, Paris, France.
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LURAVILLE—Continued.
E.M.—E. Doche, E. M., care of Cie. des Phosphates de France. Foreign address, 43 Boulevard Voltaire, Paris, France.
Phos.—Ocala & Blue River Phosphate Co., Ocala.

MANDARIN, Duval Co. Pop. 620. M.O. Ry. 758. Banking town Jacksonville.
Min.P.—Mandarin Mineral Paint Co.

MARVINIA.—Hillsboro Co. Tel. Ry. 310. Banking town Tampa.
Phos.—Pebble Phosphate Co., Jacksonville. Steam.

MIDDLEBURG, Clay Co. Pop. 345. Ry. Green Cove Springs, 401; 846. Banking town Jacksonville.
Phos.—Black River Phosphate Co., Jacksonville. Pebble Phosphate. Steam. Mill.

MORRISTON, Levy Co. Pop. 100. Tel. Ry. 310; 802. Banking town Ocala.
Phos.—Thomas Phosphate Co.

MYERS.—Lee Co. Pop. 580. M.O. Ry. 109a.
Phos.—Lee County Phosphate Co.

NEWBERRY, Alachua Co. Tel. Ry. 802.
Phos.—A. J. Carlisle. Phosphate.
Phos.—Florence Phosphate Co., Ocala. 8,000 tons; 200 days; 40 employes.
Phos.—J. O. Hiam.
Phos.—Victoria-Florida Phosphate Co. (Little Bros.), Jacksonville.
Phos.—Vutina Phosphate Co.
Phos.—Wright & McClannahan. Phosphate.
Phos.—T. D. Younglove. Phosphate.

OCALA, Marion Co. Pop. 2,980. M.O. Tel. Ry. 310; 311; 802.
Phos.—Alachua Phosphate Co. Mines at Rock Springs and Piedmont.
Phos.—Anglo-Florida Phosphate Co.
Phos.—Anita Phosphate Co. Mine at Anita.
Phos.—B. Aremtz & Co.
Phos.—Associated Phosphate Co.
Phos.—Blue Springs Phosphate Mines.
Phos.—Boulder Phosphate Co.
Phos.—Capital Phosphate Co.
Phos.—M. J. Clement. Mines at Dunnellon.
Phos.—Clements & Middleton. Phosphate.
Phos.—Consolidated Phosphate Co.
Phos.—Crown & Crescent Co. Phosphate. Mine at Anita.
Phos.—E. C. Evans Mining Co. Phosphate.
Phos.—Florence Phosphate Co. (A. Laurent and C. Thalheim, props.) C. Thalheim, buyer. Mine at Newberry.
Phos.—Florida Land Rock Phosphate Co.
Phos.—Florida Syndicate, Ltd. Principal office, Keighley, England. B. S. Briggs, Keighley, England, pres.; Swire Smith, Keighley, England, secy.; J. V. Burke, gen. mgr. and buyer. Cap. stk. $675,000, pd. up. Mine at Anita.
Phos.—Franco-American Phosphate Co. (A. Laurent and C. Thalheim, props.) C. Thalheim, buyer. Mines at Floral City and Istachatta.
Chem.—B. H. Gibbins, F. C. S., Ocala Mining Laboratory.
Phos.—G. Gudehus.
Phos.—Hamburg Phosphate Co. Mine also at Inverness.
Phos.—D. W. Hartshorn & Co.
Expt.—Edward Hiller, mining expert.
Phos.—J. T. Jones. Phosphate.
Phos.—W. E. McKay. Phosphate.
Phos.—J. O. Mathews. Phosphate.
Phos.—Nesterbands Phosphate Co.
Phos.—New York Phosphate Co.
Phos.—Ocala & Blue River Phosphate Co. Mines at Dunnellon and Luraville.
Phos.—Pawsoffkee Phosphate & Mining Co.
Phos.—Peacher & Matthew.
Phos.—Peninsular Phosphate & Mining Co.
Phos.—Phoenix Phosphate Co.
Phos.—Phosphate Development Co. of London.
Phos.—Pickford & Blitch.
Phos.—Piedmont & Aladina Phosphate Co.
Phos.—Chas. A. Pyne. Cap. $25,000. Mine at Dunnellon.
Phos.—A. A. Ritchie.
Phos.—Rock Springs Phosphate Co. Mine at Rock Springs.
Phos.—Standard Phosphate Co.
Phos.—Theullier & Clarke.
Phos.—Toronto Phosphate Co.
Phos.—Trides Phosphates de France.
Phos.—G. M. Wells. Rock phosphate.
Phos.—Wells, Chipman & Hubbard. G. M. Wells, pres.; John Chipman, gen. mgr. Mine at Duttons.
Phos.—Withlacoochee River Phosphate Co.
Phos.—York Phosphate Co. Open pit. 12,000 tons; 250 days; 56 employes. Steam. Operates 9 miles of ry. from Ocala to mines; 1 locomotive; 10 cars. F. M. Adams, mine supt.
Phos.—Zeigler Phosphate Mining Co.

ORIOLE, Hernando Co. Pop. 104. Ry. 802. Banking town Brooksville.
Phos.—Hernando Phosphate Co.

ORLANDO, Orange Co. Pop. 3,000. M.O. Tel. Ry. 310; 802.
Phos.—W. L. McDonnell. Rock phosphate.
Phos.—Orange County Phosphate Co.
Phos.—J. B. Parramore. Pebble phosphate.
Phos.—Standard Pebble & Phosphate Co. Pebble phosphate. Steam.

OSCAR, Santa Rose Co. P.O. Milton. Banking town and Ry. Pensacola 479.
Phos.—Southampton Phosphate Co.

PANASOFFKEE, Sumter Co. Pop. 220. Mo. O. Tel. Ry. 310. Banking town Leesburg.
Phos.—Shell Mound Phos. Co.

PEBBLE, Polk Co. Pop. 155. Ry. 952. Banking town Bartow.
Phos.—Land Pebble Phosphate Co., Charleston, S. C.

PEMBERTON, Sumter Co. Pop 104. M.O. Tel. Ry. 311; 802. Banking town Brooksville.
Phos.—Bonnie May Mining Co., Hartford, Conn. Pebble phosphate. Steam. Mill.
Phos.—Bradley Phosphate Co.
Phos.—Eureka Phosphate Co.
Phos.—Louis McLain. Open pit. 15,000 tons; 300 days; 130 employes. Steam.
Phos.—Netherlands Phosphate Co.

PHOENIX, Levy Co. Ry. name Montbrook, 310; 692.
Phos.—Swann & Williams.

PHOSPHORIA, Polk Co. Pop. 50. Ry. 952.
Phos.—Florida Phosphate Co., Ltd.; also London, England. E. Packard, chairman; I. Coaffee, secy.; I. H. Packard, M. E. and gen. mgr. Cap. stk. $1,000,000, pd up. Mine at Bartow, Fla.
Phos.—Phosphate Co. of England. Rock phosphate. Steam. Mill.
Phos.—G. K. A. Stevens. Rock phosphate.

PITTSTON, Columbia Co. Ry. Columb'a 692.
Phos.—Pittston Hard Rock & Phosphate Co.

PLANT CITY, Hillsboro Co. Pop. 360. M.O. Tel. Ry. 310; 802. Banking town Tampa.
Phos.—F. W. Merrin. Pebble phosphate.

PORT TAMPA, Hillsboro Co. Pop. 400. M.O. Tel. Ry., 802. Banking town Tampa.
Phos.—Cove Bend Land & Phosphate Co. W. K. Jackson, pres. and gen. mgr.; T. N. Harris, v. pres.; P. F. Gould, Jr., secy.; W. H. Meadow, treas. Cap. stk. $200,000, pd. up. Mine at Inverness.

PUNTA GORDA, De Soto Co. Pop. 470. M.O. Tel. Ry., 311.
C.M.E.—K. B. Harvey, civil and mechanical engineer and architect. Consulting engineer Southern Miners' Association.
Phos.—Peace River Phosphate Co., Savannah, Ga.

ROCK SPRINGS, Marion Co. Ry. name Piedmont, 692.
Phos.—Alachua Phosphate Co., Ocala. Open pit. 30,000 tons; 240 days. Steam. Two miles of ry. Edw. Hiller, M. E., mine supt.

ROCK SPRINGS—Continued.
Phos.—Rock Springs Phosphate Co., Ocala. Open pit; 240 days. Steam.

ST. AUGUSTINE, St. Johns Co. Pop. 4,900. M.O. Tel. Ry., 308.
Phos.—Fort Meade Phosphate & Fertilizer Co.
Phos.—Withlachoochee Bluff Phosphate Co.

SANFORD, Orange Co. Pop. 2,018. M.O. Tel. Ry. 401; 802.
Phos.—Wekira Phosphate Co.

SPARR, Marion Co. Pop. 220. M.O. Ry. 310. Banking town Ocala.
Phos.—Dixie Phosphate & Fertilizer Works.

STANDARD, Marion Co. Ry. name Standard Junction, 310. Banking town Ocala.
Phos.—Standard Phosphate Co.

SUMMERFIELD, Marion Co. M.O. Tel. Ry. 310. Banking town Ocala.
Phos.—Carney Phosphate Co. Pebble Phosphate. Steam. Mill.

TALLAHASSEE, Leon Co. Pop. 2,980. M.O. Tel. Ry., 124; 310.
Phos.—Gulf Stream Phosphate Co.
Phos.—La Pierre Phosphate Co.

TAMPA, Hillsboro Co. Pop. 5,720. M.O. Tel. Ry. 310; 802.
Phos.—G. R. Boar.
Phos.—Caloosahatchie Phosphate Co.
Phos.—Peruvian Phosphate Co.
Phos.—Tampa Phosphate Co. Pebble phosphate. Steam dredge.

TRENTON, Alachua Co. Pop. 45. Ry., 325. Banking town Gainesville.
Phos.—Trenton Phosphate Co.

TURKEY CREEK, Hillsboro Co. Pop. 40. M.O. Tel. Ry., 310.
Phos.—Alifia Phosphate Mining Co.

VILLA CITY, Lake Co. Ry. Mascotte, 793.
Phos.—Geo. T. King. Phosphate.

WADE, Alachua Co. Pop. 50. Tel. Ry., 802. Banking town Gainesville.
Phos.—Anglo-Florida Phosphate Co.
Phos.—Southampton Phosphate Co., Albion. Open pit. 10,000 tons; 250 days. Steam.

WINTER PARK, Orange Co. Pop. 280. M.O. Tel. Ry., 310; 802. Banking town Orlando.
Phos.—Lord & Peck. Phosphate.

ZOLFO, De Soto Co. Tel. Ry., 311. Banking town Punta Gorda.
Phos.—De Soto Phosphate Mining Co.

GEORGIA

ACWORTH, Cobb Co. Pop. 820. M.O. Tel. Ry. 927.
Coru.—Prather, Lathan & Lathan Prospecting Co. J. G. Lathan, pres.; W. F. Prather, gen. mgr.; J. W. Lathan, secy. Corundum mines. Open pit. Also mine at Ellijay.
Coru.—Wm. F. Prather.
Coru.—Western North Carolina Corundum Co. Asheville, N. C. Shaft 24 ft.

ADAIRSVILLE, Bartow Co. Pop. 550. M.O. Tel. Ry., 927.
Alum.—Barnsley Bauxite Co. Aluminum.

AMERICUS, Sumter Co. Pop. 4,020. M.O. Tel. Ry. 131; 332a.
B.Fur.—Americus Iron Works. Blast furnace.
Marb.—Miller & McCall. Marble.
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ATHENS, Clarke Co. Pop. 8,900. M.O. Tel. Ry. 333; 488; 611; 806.
Gold.—L. H. Burch. Mine at Visage.
Marb.—A. R. Robertson. Marble.

ATLANTA, Fulton Co. Pop. 67,280. M.O. Tel. Ry. 31; 32; 131; 333; 806; 838; 927.
Roll.M.—Atlanta Iron & Steel Casting Co.
Talc.—Atlanta Talc Co.
Iron.—Bartow Iron & Manganese Co. (See Ga. Mg. Mfg. & Inv. Co.)
B.Coal—Castle Rock Coal Co. of Georgia. (See Ga. Mg. Mfg. & Inv. Co.)
B.Coal—Dade Coal Co. (See Ga. Mg. Mfg. & Inv. Co.)
B.Coal—Georgia Iron & Coal Co. (See Ga. Mg. Mfg. & Inv. Co.)

ATLANTA—Continued.
B.Coal—Georgia Mining, Manufacturing & Investment Co., 34½ Wall st., New York. Julius L. Brown, receiver; C. T. Watson, treas. for receiver, Atlanta; F. H. Connor, gen. mgr. for receiver, Chattanooga, Tenn. Lessee of the Dade Coal Co., Walker Iron & Coal Co., the Georg.a Iron & Coal Co., Bartow Iron & Manganese Co. and the Castle Rock Coal Co. of Georgia. Mines at Cartersville and Cole City.
Phos.—Georgia Phosphate & Mining Co.
B.Coal—Glen Mary Coal & Coke Co.
Gran.—Jas. P. Harrison. Granite.
Stone—Liddell & Johnson.
Marb.—Piedmont Marble Co. Marble.
Stone—Robins Bros.
Gran.—Southern Granite Co., Cincinnati, O. Granite.
Phos.—Suwannee River Phosphate Co., 63 Alabama st.
Marb.—Walsh & Patterson Bros. Marble.
M.E.—Wm. M. Brewer, mining engineer, 819 Equitable building.
Gran.—Venable Bros. Granite quarry at Lithonia.
B.C'l.I.—Walker Iron & Coal Co. (See Ga. Mg. Mfg. & Inv. Co.)

AUGUSTA, Richmond Co. Pop. 34,220. M.O. Tel. Ry. 43; 131; 333; 699; 700; 838.
Marb.—T. Markwalker. Marble.
Marb.—Patrick Reynolds. Marble.

AUSTELL, Cobb Co. Pop. 590. M.O. Tel. Ry. 838. Banking town Atlanta.
Coru.—W. B. Westmoreland. Corundum.

BALL GROUND, Cherokee Co. Pop. 298. M.O. Tel. 502. Banking town Canton.
Coru.—S. J. Blackwell. Corundum.
Gold—Franklin & McDonald Gold Mining Co.

BENHILL, Fulton Co. Pop. 128. Banking town and ry. Atlanta, 31; 32; 131; 333; 806; 927.
Copp.—Cash Copper Mines. Copper.

BLAIRSVILLE, Union Co. Pop. 120. Ry. Nottla, N. C. 502. Banking town Gainesville.
Gold—E. R. Trimble, 88 Park ave., Rochester, N. Y. Coosa Creek placer; 250 days; 10 employes. Water.

BROWNSVILLE, Paulding Co. Pop. 59. Banking town and ry. Douglassville, 838.
Coru.—Jacob W. Meadow. Corundum.
Coru.—Henry Reeves. Corundum.

BUCKCREEK, Screven Co. Pop. 98. Ry. Poor Robin, 883. Banking town Millen.
Marb.—E. B. Gross. Marble.

BUFORD, Gwinnett Co. Pop. 498. M.O. Tel. Ry. 838.
B.Coal—Buford Mining Co.
Gold—Piedmont Gold & Silver Mining Co. G. W. Thompson, v. pres.; J. H. Hatch, treas.; Winthrop W. Fisk, mining engineer. Cap. stk. $12,000, pd. up. Piedmont mine. Shaft 90 ft. Free ore. Five-stamp mill; 7 tons daily capacity. Steam.
Gold—Shelly Gold Mining Co.

CALDWELL, Union Co. Ry. Murphy, N. C., 502; 838.
Coru.—Capt. R. J. Cook. Track Rock mine. Shaft, 300 ft. Steam.

CANTON, Cherokee Co. Pop. 660. M.O. Tel. Ry. 502.
Copp.—Canton Copper Mines.
Gold—Dr. Charles. Gold mine.
Iron—Chattahoochee Iron Co.
Gold—A. B. Coggin. Three shafts, 27, 36 and 86 ft. 100 tons.
Gold—Georgiana Gold Mine. Capt. Crowell, supt.
Gold—Goggins Gold Mining Co.
Gold—Kellogg Gold Mining Co.
Gold—Old Cherokee Mining Co. Col. J. H. Moore, mgr.
M.E.—Jas. O. Robertson, practical mining superintendent and engineer.

CARROLLTON, Carroll Co. Pop. 1,860. M.O. Tel. Ry. 131; 144.
Gold—Bonnor Gold Mining Co.
Coru.—E. P. Worthy. Corundum.

CARTECAY, Gilmer Co. Pop. 180. M.O. Ry. Ellijay, 502. Banking town Canton.
Gold—Burrell & Cartecay.

CARTERSVILLE, Bartow Co. Pop. 3,200. M.O. Tel. Ry. 271; 927.
Iron—J. F. Allison.
Iron—Central Mining Co. L. Shunford, pres.; T. R. Jones, treas.; G. H. Aubrey, buyer. Mines at Grady, Emerson and Longs.
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CARTERSVILLE—Continued.
B. Coal—Georgia Mining, Manufacturing and Investment Co. Lessee of Georgia Iron & Coal Co., Atlanta, Ga. Open pit. Brown hematite. 100,000 tons; 300 days. Steam. Washer. Fourteen miles of ry.
Iron—Satterfield Iron Mine.

CAVE SPRING, Floyd Co. Pop. 980. M.O. Tel. Ry. 838. Banking town Rome.
Iron—Georgia Manganese Co.
Iron—Hematite Mining Co. Iron mine.
Baux.—Southern Bauxite Mining & Milling Co., 900 Market st., Wilmington, Del. North War Whoop mine. Open pit; 5,000 tons; 300 days; 25 employes. Steam. Dryer and crusher. A. T. Terry, mine supt.
South War Whoop mine. Opened 1895.
Penny mine. Open pit. C. D. McCollister, mine supt.

CEDARTOWN, Polk Co. Pop. 1,820. M.O. Tel. Ry. 144; 271.
Iron—Augusta Mining & Investment Co. (C. W. Haskins, receiver). J. R. Barber, gen. mgr. Reed mine. Open pits. Steam. Washers. Operate 1 locomotive, 15 cars, steam shovel and 2 washers.
Iron—Bigilow & Barton. Iron mine.
B.Coal—Cedartown Land & Mining Co.
Iron—Cherokee Iron Co. Iron mine.
Iron—Hematite Iron & Manufacturing Co. Mine.
Iron—North Ga. Mining Co. H. N. Van Devander, M. E., pres., treas. and buyer; A. H. Van Devander, v. pres. and secy. Cap. stk., $25,000, $18,000 pd. up. Ledbetter mine. Open pit. Brown hematite ore; 40,000 tons; 45 employes. Steam. Jas. M. Gettleman, mine supt. Operate ½ mile ry., 1 locomotive, 35 cars.
Peek mine. Open pit. Brown hematite ore; 18,000 tons; 25 employes. Steam. H. S. Scott, mine supt. Also mine at Youngs.
Iron—Peck Mining Co. Iron mine.
I.Sto.—Polk Co. Mining Co. Iron and limestone.
Iron—Wray Mining Co. G. A. Lane, secy. and treas.; G. W. Featherstone, gen. mgr. Wray mine at Wray Junction. Brown hematite; 50,000 tons. Steam. Two and a half miles of ry., 1 locomotive, 8 cars. C. F. Miller, mine supt.
Lindsay Mine at Wimberly Hill. Brown hematite; 15,000 tons.

CHERRY LOG, Gilmer Co. Pop. 280. Tel. Ry. 502. Banking town Canton.
Gold—White Path Gold Mine.

CLARKESVILLE, Habersham Co. Pop. 420. M.O. Tel. Ry. 79.
Coru.—Thos. S. Bean. Corundum.
Coru.—E. P. West. Corundum.

CLAYTON, Rabun Co. Pop. 290. M.O. Ry. Tallulah Falls, 79. Banking town Toccoa.
Mica—W. Long. Mica mine.

CLEVELAND, White Co. Pop. 240. M.O. Ry. Lula 838; 611.
Gold—Craig Gold Mine, Cleveland.
Gold—Hamby Mountain Gold Mine. (See John Martin.)
Gold—Load Gold Mines.
Gold—John Martin. Hamby Consolidated mine. Free ore. Twenty stamp mill. Water.
Gold—St. George Gold Mining Co. Principal office, 58 Lombard st., London, England. Capital stk., $350,000. St. George mine. Open cut. Refractory ore; 7 employes. Ten-stamp mill; 25 tons daily capacity. Water. Commenced operations Sept., 1895.

COLE CITY, Dade Co. Pop. 380. M.O. Ry. Shellmound, Tenn., 570. Banking town Chattanooga, Tenn.
B.Coal—Castle Rock Coal Co.
B.Coal—Georgia Mining, Manufacturing & Investment Co., lessee of Dade Coal Co., Atlanta, 34½ Wall st. Dade mine. Slope. Tunnel. 205,000 tons; 300 days. Steam; washer. 340 coke ovens; 95,000 tons daily capacity. Operate 15 miles of ry., 7 locomotives, 85 cars.

COLUMBUS, Muscogee Co. Pop. 18,200. M.O. Tel. Ry. 131; 216; 335.
Marb.—A. M. Elledge. Marble.

CONYERS, Rockdale Co. Pop. 1,480. M.O. Tel. Ry. 333.
Gran.—G. W. Collins. Granite.
Stone—Alexander Currie.
Gran.—Pearce Granite Wks.

COVINGTON, Newton Co. Pop. 1,930. M.O. Tel. Ry. 333; 523.
Gran.—H. C. & J. S. B. Freeman. Granite.

CRAWFORD, Oglethorpe Co. Pop. 620. M.O. Tel. Ry. 333. Banking town Lexington.
Stone—Wm. Doyle.
Gran.—Georgia Granite Works.

CREIGHTON, Cherokee Co. Banking town and ry. Canton, 502.
Gold—Creighton Mining & Milling Co.
Conc.—Theiss Process Concentrator.

CUMMING, Forsyth Co. Pop. 360. M.O. Banking town and ry. Buford, 838.
Gold—Suwanee Mountain Mining Co. Placer.

DAHLONEGA, Lumpkin Co. Pop. 890. M.O. Banking town and ry. Gainesville, 333; 838.
Gold—Bemming Gold Mine.
Gold—Chestatee Mining Co., 411 N. 11th st., St. Louis, Mo. Chestatee mine. Placer; 300 days; 8 employes. Electricity and water. W. R. Crandall, mine supt.
Gold—E. E. Crisson. Gold mine.
Gold—Hand & Barton Gold Mining Co.
Gold—John Huff. Gold mine.
Atty.—Price & Charters, attorneys at law. W. P. Price and W. A. Charters. Practice in all the courts. Compilers of Georgia laws for the RECORD.

DAWSONVILLE, Dawson Co. Pop. 300. M.O. Banking town and ry. Gainesville, 333; 838.
Gold—Taybee Creek Gold Mine.

DURHAM, Walker Co. P.O. and ry. High Point, 145.
C.& I.—Chickamauga Coal & Iron Co.

ELBERTON, Elbert Co. Pop. 1,670. M.O. Tel. Ry. 806; 838.
Gran.—Swift & Wilcox Granite Company. Granite.

ELLIJAY, Gilmer Co. Pop. 470. M.O. Tel. Ry. 502. Banking town Canton.
Coru.—Prather, Lathan & Lathan Prospecting Co., Acworth. Corundum and mica. Open pit.

EMERSON, Bartow Co. Pop. 198. Tel. Ry. 927. Banking town Cartersville.
Iron—Brown & Jones. Iron mine.
Ochr.—Earle & Oram. Yellow ochre.
Iron—Central Mining Co., Cartersville. Emerson mine. Open cut. Brown hematite ore.
Stone—Emerson Land & Mining Co.

ETNA, Polk Co. Ry. 838. Banking town Rome.
B.Fur.—Etna Furnace Co. D. B. Hamilton, pres.; J. J. Hamilton, secy. and treas. Etna Furnace. Charcoal. Pig iron. Steam.

FRANKLIN, Heard Co. Pop. 260. M.O. Banking town and ry. Hogansville, 54.
G.S.C.—Wm. A. Hyatt. Gold, silver and corundum.

FREEMANSVILLE, Milton Co. Pop. 120. Ry. Canton, 502. Banking town. Atlanta.
Mica-Kaolin—Georgia Mica & Mining Co., Ashtabula, O. Tramp mine. Shaft 60 ft. Tunnel 550 ft.

GAINESVILLE, Hall Co. Pop. 3,208. M.O. Tel. Ry. 333; 838.
Marb.—Gainesville Marble Works.

GRADY, Polk Co. Tel. Ry. 271. Banking town Cedartown.
Iron—Central Mining Co., Cartersville. Grady mine. Open cut. Brown hematite ore. Steam.

GRAYSVILLE, Catoosa Co. Pop. 350. M.O. Tel. Ry. 927. Banking town Chattanooga, Tenn.
Stone—Graysville Mining & Manufacturing Co. Limestone. Lime kilns.
Stone—J. J. Norman. Limestone.

GRIFFIN, Spaulding. Pop. 4,520. M.O. Tel. Ry. 131; 335.
Gold—Griffin Mine & Gold Co.

HAMLET, Polk Co. Ry. 838. Banking town Cedartown.
Iron—Central Co. Iron mine.

HAWKINSVILLE, Pulaski Co. Pop. 1,763. M.O. Tel. Ry. 76.
Gyps.—J. O. Jelks & Co. Land plaster.

HERMITAGE, Floyd Co. Ry. Shannon, 838.
Gold—Republic Mining & Milling Co.
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HIAWASSEE, Towns Co. Pop. 240. M.O. Ry. Tallulah Falls, 79. Banking town Gainesville.
Coru.—J. N. Gibson. Corundum.
Nic.C.—W. R. McConnell. Bell Creek mine. Open pit. Hog Creek mine. Open cut. Nickel and corundum.

HOLLYSPRINGS, Cherokee Co. Pop. 68. Ry. 502. Banking town Canton.
Marb.—Verd Antique Marble Co., 1,112, 100 Washington st., Chicago. Verd Antique quarry. Green marble.

HUTCHINGS, Oglethorpe Co. P.O. and ry. Huching, 333.
Gran.—O. P. Heath & Co., 621 Pine st., Macon. Granite.

KENSINGTON, Walker Co. M.O. Tel. Ry. 145. Banking town Chattanooga, Tenn.
Iron—Kensington Iron & Coal Co., 729 Broad st., Chattanooga, Tenn.

LEXINGTON, Oglethorpe. Pop. 530. M.O. Ry. 468a.
Gran.—Diamond Blue Granite Co.

LINWOOD, Barton Co. Ry. name Halls, 927. Banking town Cartersville.
Alum.—Georgia Bauxite & Mining Co., aluminum, 701 Ferguson bldg., Pittsburg, Pa. Julia, Mary and Shaw mines. J. R. Gibbons, M. E., mine supt.

LITHONIA, De Kalb Co. Pop. 1,190. M.O. Tel. Ry. 333. Banking town Atlanta.
Gran.—Bishop & Phillips. Granite.
Gran.—J. T. Brand. Granite.
Gran.—Brantley & Watson. Granite.
Gran.—W. G. Finlayson. Granite.
Gran.—Jenkins & Co. Lithonia quarry. Granite.
Gran.—G. W. Johnson. Granite.
Gran.—Francis Jones. Granite.
Gran.—M. E. Maher. Atlanta. Granite.
Gran.—E. G. New. Wade quarry; 200 days.
Gran.—Southern Granite Co., 19 and 20 Wiggins blk., Cincinnati, O. Big Ledge quarries; 400 acres; 300 employes. Steam. F. B. Glenn, quarry supt.
Gran.—Venable Bros., Atlanta. Lithonia and Stone Mountain granite quarries. 8,000 car loads; 300 days; 500 employes. Steam. Operate 20 miles of ry., 2 locomotives.
Gran.—Wilson Bros. Wilson quarry. Granite.

LONGS, Polk Co. P.O. Hamlet. Ry. 838.
Iron—Central Mining Co., Cartersville. Longs mine. Open cut.

MACON, Bibb Co. Pop. 23,430. M. O. Tel. Ry. 131; 333; 337; 488; 489; 838.
Marb.—T. B. Arthope. Marble.
Gran.—O. P. Heath & Co., 621 Pine st. Quarry at Hutchings.
C.E.—Arthur Pew, civil engineer.

MARBLEHILL, Pickens Co. M.O. Ry. Tate, 502. Banking town Canton.
Marb.—Southern Marble Co.

MARIETTA, Cobb Co. Pop. 3,890. M.O. Tel. Ry. 502; 927.
Marb.—American Marble Co.
Marb.—Helsing & Palmer. Marble.

MONROE, Walton Co. Pop. 990. M.O. Ry. 333.
Coru.—Geo. W. Breedlove. Corundum.

MONTICELLO, Jasper Co. Pop. 880. M.O. Tel. Ry. 488.
Stone—J. R. Hightoner. Limestone.

NACOOCHEE, White Co. Pop. 210. Ry. Clarksville, 79. Banking town Gainesville.
Gold—James Chambers. Gold mine.
Gold—Childs & Nicherson. Gold mine.
Gold—H. H. Dean. Gold mine.
Gold—Jerome England. Gold mine.
Gold—J. G. Lumisden. Gold mine.
Gold—Nacoochee Hills Gold Mining Co.
C.M.E.—Charles Roberts, civil and mining engineer. President Nacoochee Hills Gold Mining Co. F. C. H. (Fellow of Royal Indian Engineering College, Cooper's Hill, England). Assoc. Mem. Inst. C. E. (England). Late engineer of Public Works Dept. India.
Gold—Prof. E. T. Whatley.
Gold—Yonah Lands & Mining Co.

NELSON, Pickens Co. Pop. 267. M.O. Tel. Ry. 502. Banking town Canton.
Marb.—Blue Ridge Marble Co. J. F. Phillips, pres.; E. H. Masters, v. pres.; Harry Dewar, secy. and treas.; Frank Dewar, gen. mgr. and buyer. Marble quarry; 265 days; 125 employes. Marble mill 100 ft. daily capacity. Steam.

NEWBRIDGE, Lumpkin Co. Pop. 70. Banking town and ry. Gainesville, 333; 838.
Gold—J. D. Fitzgerald.
Gold—B. W. Martin.
Gold—W. A. Wacasbers.

NEW ENGLAND CITY, Dade Co. Pop. 220. Ry. 7. Banking town Chattanooga, Tenn.
Gold—Addie May Mining Co.
Iron—New England Mining Co.

NEWMAN, Cobb Co. P.O. and ry. Nicajack, 838.
Gold—Newman Mine & Gold Works.

PIERCEVILLE, Fannin Co. Ry. Blue Ridge 502. Banking town Canton.
Copp.—Ducktown Copper Mines.
Copp.—Latimer Copper Mines.
Gold—No. 20 Gold Mine.
Gold—Sallie June Gold Mine.

PINE MOUNTAIN, Rabun Co. Ry. Walhalla, S.C. 78.
Mica—L. M. Ledford.

PORTER SPRINGS, Lumpkin Co. M.O. Ry. Gainesville, 333, 838.
Mica—Chas. Cain. Mica miner.

POWDER SPRINGS, Cobb Co. Pop. 263. M.O. Tel. Ry. 838. Banking town Atlanta.
Coru.—W. B. Turner. Corundum.

RABUNGAP, Rabun Co. Pop. 76. Ry. Tallulah Falls, 79. Banking town Toccoa.
Coru.—Capt. Beavett. Corundum.

RISING FAWN, Dade Co. Pop. 920. M.O. Tel. Ry. 7.
B.Fur.—Walker Coal & Iron Co. Pig iron.

ROCKMART, Polk Co. Pop. 420. M.O. Tel. Ry. 271; 838. Banking town Cedartown.
Iron—Colbert & Co. Iron mine.
Slate—Georgia Slate Co. Hugh F. Van Deventer, pres. and treas.; W. L. Craig, v. pres. and gen. mgr. Cap. stk $40,000. Roofing slate. 3,000 squares; 260 days; 30 employes. Steam. Evan Hughes, quarry supt.
Slate—W. W. Jones. Slate quarry.
Min.P.—Rockmart Sienna Co. Mineral paint mine.
Slate—Rockmart Slate Co. Slate quarry.
Slate—Southern Slate Co. Slate quarry.

ROME, Floyd Co. Pop. 14,000. M.O. Tel. Ry. 144; 570; 838.
Marb.—W. T. Jones. Marble.
B.Fur.—Rome Iron Co., Chattanooga, Tenn. Blast furnace.
Alum.—Southern Bauxite Mining & Milling Co., 900 Market st., Wilmington, Del. Watters mine. Open cut. Aluminum.

ROOPVILLE, Carroll Co. Pop. 125. Banking town and ry. Carrollton, 131; 144.
Gold—Z. Bonnor. Gold mine.

SANTA LUCA, Gilmer Co. Ry. Cherrylog, 502.
M.E.Geol.—Edgar T. Whatley, mining engineer, geologist and superintendent gold mine.

SAVANNAH, Chatham Co. Pop. 44,260. M.O. Tel. Ry. 131; 140; 310; 802.
Phos.—Arcadia Phosphate Co., 106½ Bay st. Mine at Arcadia, Fla.
Phos.—Charlotte Harbor Phosphate Co., 106½ Bay st. Mine at Hull, Fla.
Atty.—Robert M. Hitch, attorney at law, 20 and 21 Citizens' Bank bldg.
Phos.—Land Pebble Phosphate Co.
Marb.—A. McAllister. Marble.
Phos.—Marion Phosphate Co., Cotton Exchange bldg.
Phos.—Peace River Phosphate & Mining Co. Mines at Punta Gorda and Hull, Fla.
Marb.—R. D. Walker. Marble.

SOCIAL CIRCLE, Walton Co. Pop. 738. M.O. Tel. Ry. 333.
Mica—J. A. Sheppard. Mica miner.

SOQUE, Habersham Co. Ry. Clarksville, 79.
Coru.—A. J. Lyons. Corundum.

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SPARTA, Hancock Co. Pop. 1,560. M.O. Tel. Ry. 333.
Gran.—Georgia Quincy Granite Company.

SPRINGPLACE, Murray Co. Pop. 196. M.O. Banking town and ry. Dalton, 838; 927.
Tl.S.S.—Cohutta Talc Co. W. C. Tilton, pres., gen. mgr., buyer and supt.; Henry Granger, v. pres., Philadelphia, Pa.; John G. Gould, secy. and treas., New York. Cap. stk. $40,000; $30,000 pd. up. Cohutta mine. Open pit. Talc and soapstone blocks, slabs, crayons and powder. 1,500 tons; 40 employes. Two stone crushers, 4,800 tons annual capacity. Also own beds of black and serpentine marble.
G.S.—W. C. Tilton, M. E., Legal Tender No. 2 mine. Tunnel opened 1895.

STATESBORO, Bulloch Co. Pop. 436. M.O. Tel. Ry. 260.
Marb.—Randall & Fanner. Marble.
Mica—M. Maddex, Whitehouse. Mica and quartz. Shaft 25 ft. (Developing.)

STONE MOUNTAIN, De Kalb Co. Pop. 1,000. M.O. Tel. Ry. 333. Banking town Atlanta.
Gran.—Beauchamp & McAlpine. Granite.
Gran.—Beauchamp & Thompson. Granite.
Marb.—R. M. Thompson. Marble.
Gran.—Venable Bros. & Co. Granite.

SUGAR VALLEY, Gordon Co. Pop. 165. Tel. Ry. 838. Banking town Calhoun.
Iron—Sugar Valley & Carbondale Iron Co.

TALLAPOOSA, Haralson Co. Pop. 1,799. M.O. Tel. Ry. 838.
Gold—Camille Gold Mine Co.
Iron—Tallapoosa Iron Company.
Lead—Tallapoosa Lead Mining Company.

TATE, Pickens Co. Pop. 125. M.O. Tel. Ry. 502. Banking town Canton.
Marb.—Georgia Marble Co. H. C. Clement, pres.; Geo. W. Hoffman, v. pres.; O. F. Bane, secy. and treas.; Geo. H. Keeler, gen. mgr. and buyer. Cap. stk. $1,500,000 pd. up. Marble. 30,000 cu. ft.; 300 days; 275 employes. Steam. Marble mill, 800 ft. daily capacity Operate 6½ miles of ry., 2 locomotives.
Marb.—Geo. B. Sickles & Co. Marble.

TEMPLE, Carroll Co. Pop. 250. M.O. Tel. Ry. 838. Banking town Carrollton.
Copper—Fuder & Hall.

TRACKROCK, Union Co. Pop. 35. Ry. Nottla, 502. Banking town Gainesville.
Coru.—Capt. R. J. Cook. Track Rock Corundum mine.
Gold—J. H. Stevens. Gold and silver.

VICKERYS CREEK, Forsyth Co. (P.O. Vickery.) Banking town and ry. Norcross, 838.
Gold—Vickerys Creek Gold Mine.

VILLA RICA, Carroll Co. Pop. 436. M.O. Tel. Ry. 838. Banking town Carrollton.
Copp.—Tooder & Raines. Copper mine.
Gold—Pine Mountain Gold Mine. Gold and silver.
Gold—Villa Rica Mining & Milling Co.

VISAGE, Towns Co. Ry. Tallulah Falls, 79. Banking town Gainesville.
Gold—L. A. Burch, Athens. Newton mine. Placer. 150 days; 6 employes. Water.
Gold—Visage Gold Mine. Placer.

WASHINGTON, Wilkes Co. Pop. 2,731. M.O. Tel. Ry. 333.
Gold—Thomas M. Garrette Company.

WALTHRALL, Polk Co. Ry. 333.
Iron—Wray Iron Co. Iron mine.

WHITEHOUSE, Henry Co. Ry. McDonough, 838; 335.
Mica—M. Maddex. Mine at Stockbridge.

YOUNGCANE, Union Co. Pop. 50. Ry. Blue Ridge, 502.
Iron—J. S. Fish. Iron mine.

YOUNGS, Polk Co. Tel. Ry. 144. Banking town Cedartown.
Iron—North Ga. Mining Co., Cedartown. Green mine. Open pit. Brown hematite ore. 18,000 tons; 25 employes. Steam. S. V. Richardson, mine supt. Operates 6½ miles ry., 1 locomotive.

IDAHO

ALBION, Cassia Co. Pop. 180. M.O. Ry. Minidoka, 899. Banking town Ogden, Utah.
Gold-S.—A. A. Hard.

ATLANTA, Elmore Co. Pop. 120. Ry. Mountain Home, 899.
Gold—Atlanta Hill Gold Mining & Milling Co.
Gold—Atlanta Mining Co.
Gold-S.—Atlanta & Idaho Gold & Silver Mining Co.
Gold—Big Lode Mining Co.
Gold-S.—Buffalo & Idaho Gold & Silver Mining Co.

BANNISTER, Lemhi Co. Ry. Camas, 899.
Gold—Democrat Mining Co.

BASIN, Cassia Co. Pop. 24. Ry. Minidoka, 899.
Gold-S.L.—Simpson & Thornton.

BAYHORSE, Custer Co. Pop. 215. M.O. Banking town and ry. Ketchum, 899.
Gold-S.—I. O. Adams. Gold and silver.
Gold-S.—J. L. Alger. Gold and silver.
Smel.—Bay Horse Smelter. Gold, silver and lead.
Gold-S.—Beardsley Mining Co. Beardsley mine. Gold, silver and lead. Tunnel. Refractory ore.
S.L.—D. Christensen. Silver Brick mine. Silver and lead. Shaft, 300 ft. Tunnel, 700 ft. Smelting ore. 160 tons; 300 days; 2 employes.
Gold-S.—E. E. Demphey. Gold and silver.
Gold-S.—Chas. Feire. Gold and silver.
Gold-S.—C. Hurst. Gold and silver.
Gold-S.—Joyce & Waters. Gold and silver.
Gold-S.—N. Milleck. Gold and silver.
Silver-L.—Ramshorn Mining & Smelting Co., Salt Lake City, Utah. Ramshorn mine. 8 tunnels, from 800 to 3,000 ft. Refractory ore. 1,500 tons; 300 days; 10 employes.
Beardsley mine. 3 tunnels, 500 to 1,000 ft. Refractory ore; 400 tons. Silver lead. 40-stamp mill. Capacity, 10 tons daily. (Leased.)

BELLEVUE, Blaine Co. Pop. 890. M.O. Tel. Ry. 899. Banking town Hailey.
G.S.Cop.—Bellevue King Mining Co., Jacob Arter. Bellevue King mine. Silver and copper. Shaft. Tunnel, 300 ft. Refractory ore. 30 days; 1 employe.
Ida Elmore mine. Gold and silver. Tunnel, 250 ft. Refractory ore. 60 days; 1 employe.
Mountain King mine. Silver. Tunnel, 206 ft. Refractory ore. 30 days; 1 employe. (Developing.)
Gold-S.—Michigan Mining Co. Gold and silver.
Silver—Pacific Tunnel Mining Co. Silver. Refractory ore.
Gold-S.—Queen of the Hills Mining Co. Gold and silver.
Gold-S.—Relief Mining Co. Gold and silver.

BERRY, Fremont Co. P.O. Wilford. Ry. and banking town Blackfoot, 899.
Gold-S.—J. H. Linge. Gold and silver.

BOISE CITY, Ada Co. Pop. 2,315. M.O. Tel. Ry. 899.
Gold-S.—Col. G. V. Bryan. Gold and silver.
Stone—John Buckley. Limestone quarry.
C.E.—Ern. G. Eagleson, civil engineer. City engineer of Boise and county surveyor of Ada County.
Attys.—Hayes & Johnson, attorneys-at-law (Samuel H. Hayes and Henry Z. Johnson), 833 Main st. Specialty, mining litigation. Compilers of the Idaho laws for the RECORD.
C.M.E.—E. H. Hess, Civil and Mining Engineer.
Gold—Hidden Treasure Mining Co. D. B. Hill, pres.; J. T. Sprague, v. pres.; J. M. Johnson, secy. and treas.; Amos Lee, M. E., gen. mgr. and buyer. Cap. stk. $500,000; $375,000 pd. up. Mine at Neal.
C.E.—C. Clifford Stevenson, civil engineer, 8th ave. Irrigation a specialty.
C.E.—D. O. Stevenson, civil engineer, 8th ave. Specialty, irrigation.

BONANZA, Custer Co. Pop. 155. M.O. Banking town and ry. Ketchum, 899.
Gold-S.—Badger Mining Co. Gold and silver.
Gold-S.—Black Mining Co. Gold and silver.
Gold-S.—Bomar & Dodge. Ruby mine. Gold and silver.
Gold—Boomerang Mining Co.
Gold-S.—Eureka Mining Co. Gold and silver.
Gold-S.—Gray Mound Mining Co. Gold and silver.
Gold-S.—Hidden Treasure Mining Co. Gold and silver.
Gold-S.—Montana Mining Co. Gold and silver.
Gold-S.—Montezuma Mining Co. Gold and silver.
G.S.L.—Morrison & Pearsons. Gold, silver and lead.
Gold-S.—Daniel O'Connell. Gold and silver.
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BONANZA—Continued.
Gold-S.—Pilot Mining Co. Gold and silver.
Gold-S.—Tanto Mining Co. Gold and silver.
Gold-S.—Whale Mining Co. Gold and silver.
Gold-S.—Yankee Fork Mining Co. Gold and silver.

BONNER'S FERRY, Kootenai Co. M.O. Tel. Ry. 346.
Gold-S.Cop.—Columbia Mining Co. Alma, Wis. Group. Shaft and tunnels. Gold, silver and copper. (Developing.)
Gold-S.—Jeanette Mining Co. Gold and silver.

BOULDER CREEK, Blaine Co. P.O. Ketchum. Ry. Weiser, 899.
Gold—Riggle & McCully, Lardo. Graham's Flat mine. Placer. Flume, 1,500 ft. 150 days; 4 employes.

BURKE, Shoshone Co. Pop. 630. M.O. Tel. Ry. 617, 638. Banking town Wallace.
Silver-L.—Consolidated Tiger & Poorman Mining Co. S. S. Glidden, pres.; F. R. Culbertson, gen. mgr. Cap. stk. $1,000,000, pd. up. Tiger and Poorman mines. Silver and lead. Shaft, 800 ft. Galena ore. 75,000 tons. 250 employes. Water, steam and electricity. Two concentrators.
Gold-S.—Union Mining Co. Gold and silver.

CALDWELL, Canyon Co. Pop. 780. M.O. Tel. Ry. 899.
C.E.—Edward Hedden, civil engineer. United States deputy mineral surveyor for Idaho County. Surveyor of Canyon County and city engineer of Caldwell.

CAMAS, Fremont Co. Pop. 185. M.O. Tel. Ry. 899. Banking town Blackfoot.
Gold-S.—Viola Mining Co. Gold and silver.

CARD, Oneida Co. Ry. 899.
Gold—John Dows.
Gold-S.—J. Neilson. Gold and silver.
Gold-S.—A. Norris. Gold and silver.

CARRIBOO, Bingham Co. Ry. Soda Springs, 899.
Gold—Nellie Gold Mine Co.

CASTLE CREEK, Owyhee Co. Ry. Mountain Home, 899.
Gold-S.—M. H. Presby. Gold and silver.

CENTERVILLE, Boise Co. Pop. 65. M.O. Ry. Boise City, 899. Banking town Idaho City
B.Coal—Local Coal Co.

CHALLIS, Custer Co. Pop. 360. M.O. Ry. Ketchum, 899.
Lead-S.—Mountain King Mining Co. C. Morler, gen. mgr. and buyer. Cap. stk. $20,000, pd. up. Mine at Ketchum. Lead and silver.

CLARKFORK, Kootenai Co. M.O. Tel. Ry. 617. Banking town Rathdrum.
Lead-Z.—Catlow Bros. Lead and zinc.
Lead-Z.—Carbonate Mountain Mining Co. Lead and zinc.
Gold—Catlow Bros. None Such and May Queen mines. Shaft, 40 ft. Tunnel, 100 ft. (Developing.)
Silver—Clark's Fork Mining Co. John Davenport, pres.; Wm. Shelton, v. pres.; Charles Colwell, secy.; A. R. Railton, treas.; S. R. Catlow, gen. mgr. and buyer. Cap. stk., $100,000; $25,000 pd. up. April Fool mine. Shaft, 125 ft. Tunnel, 50 ft. Galena ore. (Developing.)
Lead-Z.—J. F. Wenton & Co. Lead and zinc.

CLAYTON, Custer Co. Pop. 260. M.O. Banking town and ry. Ketchum, 899.
Gold-S.—Blue Bird & January Mining Co. Blue Bird and January mines. Gold, silver and lead. Shafts and tunnels. Refractory ore.
Gold-S.—B. Carmon. Gold and silver.
Gold-S.—J. W. Clarke. Gold and silver.
Gold-S.—Clark, Thompson & Co. Queen of Hearts mine. Shaft and tunnels. Gold and silver. Refractory ore.
Gold-S.—Clayton Mining & Smelting Co. Gold and silver. Silver lead ore. Water.
Gold-S.—Louis Erskine. Gold and silver.
Gold-S.—Richard Fitzgerald. Gold and silver.
Gold-S.—P. Germain. Gold and silver.
Gold-S.—Angus Gillis. Gold and silver.
Gold-S.—Richard Hillman. Gold and silver.
Gold-S.—Henry Kirk. Gold and silver.
Gold-S.—Peter Kirk. Gold and silver.
Gold-S.—Wm. Little. Gold and silver.

CLAYTON—Continued.
Gold-S.—James McCullough. Gold and silver.
Gold-S.—Alexander McLeod. Gold and silver.
Gold-S.—J. P. Marlatt. Gold and silver.
Gold-S.—Daniel Osgood. Gold and silver.
Gold-S.—Matthew Pitterson. Gold and silver.
Gold-S.—J. Popworth. Gold and silver.
Gold-S.—Joseph Sanders. Gold and silver.
Silver-L.—Daniel Sheehan. Silver and lead.
Gold-S.—Henry Smith. Gold and silver.
Gold-S.—H. F. Terry. Gold and silver.
Gold-S.—H. Whitcomb. Gold and silver.
Silver-L.—Wiggins & Co. Tunnel. Refractory ore. Silver and lead.
Gold-S.—Andrew Wilson. Gold and silver.

CLEARWATER, Idaho Co. Ry. Lewiston, 832a.
Gold—Moose Creek placers. (H. E. Heppner and Chas. P. Richardson, owners.) 180 acres. 75 ft. to bedrock. 15 miles ditches. 3,000 ft. 20-inch flume, 6-inch grade to 12 ft. 2 No. 1 giants; canvas hose; capacity, 2,000 yds. daily; 14 employes. 400 ft. above dump, S. Fork Clearwater River.

COEUR D'ALENE, Kootenai Co. Pop. 495. M.O. Tel. Ry. 617.
Gold—Canyon Creek Mining Co.
Gold-S.—C. H. King. Gold and silver.

CUSTER, Custer Co., Pop. 220. M.O. Banking town and ry. Ketchum, 899.
Gold-S.—Bollette & Mullen. Visham mine. Shaft. Gold and silver. Free ore.
Gold-S.—Daniel M. Connell. Gold and silver.
Gold—Dorsey & Edwards. Black mine. Tunnels. Free ore.
Gold—Idaho Gold Mining & Milling Co.
Gold-S.—James A. McFadden. Yankee Fork mine. Tunnel and shaft. Gold and silver. Free ore.
Gold-S.—Tonto Mining Co. Tonto mine. Shaft. Gold and silver. Free ore.

DE LAMAR, Owyhee Co. M.O. Ry. Nampa, 899. Banking town Caldwell.
Gold-S.—James Carolin. Gold and silver.
Gold-S.—De Lamar Mining & Milling Co. De Lamar mine. Tunnel. Gold and silver. Free ore. Steam. Stamp mill.
Gold-S.—Wm. Henderson. Gold and silver.
Gold-S.—Jones & Ready. Gold and silver. Alta mine. Tunnel. Free ore. Stamp mill.
Gold-S.—M. Jordon. Gold and silver.
Gold-S.—Frank Lepley. Gold and silver.
Gold-S.—James A. Pack. Gold and silver.
Gold-S.—Alfred Sothern. Gold and silver.
Gold-S.—F. D. Stimson. Gold and silver.
Gold-S.—Willenegger Bros. Gold and silver.

DELTA, Shoshone Co. Pop. 36. M.O. Ry. Wallace, 617, 638. Banking town Murray.
Qsr.—Fay Templeton Quicksilver Mining Co.

DICKEY, Custer Co. Ry. Ketchum, 899.
Gold—B. T. Bascom.

DONIPHAN, Blaine Co. Ry. Hailey, 899.
Gold—John & Jas. Doniphan. Camos mine. Shaft and tunnel. Free ore. Stamp mill.

ELK CITY, Idaho Co. Banking town and ry. Lewiston, 832a.
Gold-S.—Braganza Mining Co. Gold and silver. Mine at Rathbone, Colo.
Gold—Buffalo Hill Mining Company.
Gold—Driver, Galvin & Company.
Gold—Idaho Gold and Silver Mining Co., Pomeroy, Wash. Blue Dragon mine. Shaft, 80 ft. Refractory ore. Masterton and Wayside mines. Shaft, 10 ft. Refractory ore. (Developing.)
Gold—Idaho Mining and Developing Co., Lake and La Salle sts., Chicago. American Girl mine. Placer. 9 employes. Hydraulic. 5,000 yds. daily capacity. Edw. Juessen, M. E., mine supt.
Gold—International Mining & Development Co., 3rd and Alder sts., Portland, Oregon. Morning Star Nos. 1 and 2, Gold Crown Nos. 1 and 2, Favorite, Comet, Emerald, Occidental and Mammoth claims. Free ore. E. C. Spedden, mine supt.
Gold-S.—Nez Perces Mining Co. Gold and silver.

EUGENE, Boise Co. P.O. Meadows. Banking town Idaho City.
Gold—Curtis & Riggles.

FLINT, Owyhee Co. P.O. Silver City. Ry. Caldwell, 899.
Gold—Rising Star mine. Shaft, 400 ft. Tunnel, 700 ft. Free milling ore. 20-stamp mill, 30 tons daily capacity. Marcus White, mine supt.

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FORT LEMHI, Lemhi Co. Ry. Red Rock, Mont., 899.
Gold-S.—Azerite Mining Co. Gold and silver.
Gold—Lone Star Mining Co. Lone Star mine. Tunnel. Free ore. Steam.
Gold-S.—McKallop Bros. Gold and silver.
Gold-S.—Phoenix Mining Co. Gold and silver.
Gold-S.—Pickman & Sharkey. Gold and silver.
Lead-Z.—True Grit Co. Lead and zinc.

FRANKLIN, Oneida Co. Pop. 560. M.O. Tel. Ry. 899. Banking town Malad City.
Stone—Fred Nuffer. Nuffer quarry. Sandstone. 60 days; 2 employes. (Local.)

GARNER, Oneida Co. (P.O. Card). Ry. 899.
Gold-S.—Andrew Nelson. Gold and silver.
Gold—C. B. Sanford. Gold and silver.
Gold-S.—George Saxton. Gold and silver.

GEM, Shoshone Co. M.O. Ry. 617; 638.
Silver-L.—Black Bear Mining Co. (Partnership.) Silver and lead. W. S. Sheill, gen. mgr. and buyer. Black Bear group, 7 claims. Tunnels, 5,000 ft. 4,500 tons; 75 employes. Concentrator, 15 tons daily capacity. Water.
Silver-L.—Helena & Frisco Mining Co. Silver and lead. Badger mine. Shaft and tunnel. Refractory ore. Steam and water. Concentrator.
Silver-L.—Milwaukee Mining Co., Wallace. Silver and lead. Gem of the Mountains mine. Tunnel. Refractory ore. Steam and water.

GENESEE, Latah Co. Pop. 285. M.O. Tel. Ry. 617. Banking town Wallace.
Gold-S.—Black Lead Mining Co. Gold and silver.
Gold-S.—H. J. Bundy. Gold and silver.
Gold-S.—Peter Hogan. Gold and silver.
Gold-S.—L. Jackson. Gold and silver.
Gold-S.—P. Jackson. Gold and silver.
Gold-S.—Charles Sampson. Gold and silver.
Gold-S.—J. L. Schuttis. Gold and silver.

GEORGETOWN, Bear Lake Co. Pop. 213. Ry. name Novene, 899. Banking town Montpelier.
Lime—Wm. Seymour. Limestone and lime kilns.

GIBBONSVILLE, Lemhi Co. Pop. 45. Ry. Divide, Mont., 899. Banking town Dillon, Mont.
Gold—American Development & Mining Co., Whitehall, Mont. Gibbonsville group. Tunnel, 6,700 ft. Free milling ore. 30,000 tons. Water and steam. 30-stamp mill, 50 tons daily cap. M. E. MacDonald, mine supt.
Gold—G. D. Anderson.
Gold—C. J. Barclay.
Gold—Helena & Idaho Gold Mining Co.
Gold—Hughes & Hunt.
Gold—Idaho Gold Reduction Co., J. F. Allen, receiver.
Gold—Lemhi Gold Mining Co.

GLENN'S FERRY, Elmore Co. Pop. 350. M.O. Tel. Ry. 899. Banking town Mountain Home.
Gold—C. E. Corker, Glenn's Ferry.

GRAND VIEW, Owyhee Co. Ry. Mountain Home, 899.
Gold-S.—Thos. Hansen. Gold and silver.
Gold-S.—E. H. Jones. Gold and silver.
Gold-S.—J. H. Lambert. Gold and silver.

GRANGEVILLE, Idaho Co. Pop. 560. M.O. Ry. Lewiston, 832a.
C.M.E.—Walter Hovey Hill, civil and mining engineer. References, Farson, Leach & Co., Chicago; Thos. R. Lombard, Chicago; E. A. Hartshorn, New York; Bank of Camas Prairie, Grangeville.

HAILEY, Blaine Co. Pop. 1,078. M.O. Tel. Ry. 899.
Gold—Burns & Flannery.
Gold-S.—Idaho Pass Mining Co. Gold and silver.
Gold-S.—Idaho Sampling Mining Co. Gold and silver.
Gold-S.—Parker Mining Co. Gold and silver.
Silver-L.—Red Cloud Mining Co. Silver and lead.
Silver-L.—Red Elephant Mining Co. Silver and lead. Tunnel and shaft. Refractory ore. Steam.
Silver-L.—Vanderbilt Mining & Milling Co., 326 W. 2nd North st., Salt Lake City, Utah. Silver and lead. Vanderbilt mine. Shaft, 200 ft. Tunnel, 1,400 ft. Silver and lead. 35 employes. Steam. Concentrator.
Silver-L.—War Dance Mining Co. Silver and lead. Edward Flannery, gen. mgr. and mine supt. War Dance group. Shaft and tunnel. Refractory galena ore. 300 days; 3 employes. Steam.

HELENA 7 DEVILS, Washington Co. P.O. and ry. Weiser, 899.
Cop.G.S.—Hunt Milling & Mining Co., Boston, Mass. Copper Key and Wedge mines. Shaft, 70 ft. Tunnel, 30 ft. 20 acres. Copper, gold and silver. (Developing.)

HELENA 7 DEVILS—Continued.
Cop.G.S.—W. L. Pratt, Boston, Mass. Copper Monument mine. Tunnel, 30 ft. 20 acres. Copper, gold and silver. (Developing.)
Cop.G.S.—South Peacock Mining Co., 88 State st., Boston, Mass. South Peacock mine. Shaft, 70 ft. 20 acres. Copper, gold and silver. (Developing.)

HOPE, Kootenai Co. M.O. Tel. Ry. 617. Banking town Rathdrum.
Silv.—Stewart, Childs & Co. Silver.

HORSESHOE BEND, Boise Co. Pop. 65. Ry. Boise City, 899.
U.S.Sur.—A. L. Rinearson, surveyor and irrigation engineer. U. S. deputy mineral surveyor. Inventor and patentee of combined wheel and elevator for lifting water.
B.Coal—R. N. Robb.

HOUSTON, Custer Co. Pop. 113. M.O. Ry. Ketchum, 899. Banking town Rathdrum.
Copp.—Idaho Copper Co.

IDAHO CITY, Boise Co. Pop. 415. M.O. Ry. Boise City, 899.
Gold—Boise County Mining Co. Shaft. Grand placer. Steam.
Gold—O. A. Duquette. Illinois mine. Tunnel, 600 ft. Free ore. 300 days; 4 employes. (Developing.)
Gold-S.—Idaho Mining Co. Gold and silver.

IDAHO FALLS, Gingham Co. Pop. 939. M.O. Tel. Ry. 899.
B.Coal—Idaho & Wyoming Coal & Mining Co.
C.E.—Jno. M. Taylor, civil engineer. U. S. Mineral Department. Specialty, irrigation.

JESSIE, Cassia Co. Pop. 20. Ry. Minidoka, 899.
Gold-S.—R. G. Hanford. Gold and silver.

JUNCTION, Lemhi Co. Pop. 85. Ry. Red Rock, Mont., 899. Banking town Dillon, Mont.
Silver-L.—Jos. H. Fannin. Silver and lead.
Gold-S.—W. D. Rusk. Gold and silver.
Silver-L.—A. C. Waugh. Silver and lead.

KELLOGG, Shoshone Co. Pop. 225. Ry. 638. Banking town Wardner.
Copp.—W. H. Bailey. Copper.
M.E.—Fred W. Bradley, civil engineer. Manager Bunker Hill & Sullivan Mining & Concentrating Co., Wardner, Idaho, and gen. mgr. Spanish Gold Mining Co., Washington, California.
Copp.—Cook & Hermann. Copper.
Copp.—Theo. Faust. Copper.
Copp.—Wm. Faust. Copper.
Gold-S.—Geo. Gardner. Gold and silver.
Gold-S.—Wm. Gerard. Gold and silver.
Gold-S.—Henry Gilbert. Gold and silver.
Silver-L.—Timothy Hireen. Silver and lead.
Gold-S.—Henry Lamb. Gold and silver.
Gold-S.—Fletcher Neff. Gold, silver and lead.
Silver-L.—Geo. W. Owens. Silver and lead.
G.S.L.—W. H. Rambo. Gold, silver and lead.
Gold-S.—Joseph Rodgers. Gold and silver.
S.G.L.—Jas. Rummel. Silver, gold and lead.
Gold-S.—R. J. Rutter. Gold and silver.
S.G.L.—Sinclair Bros. Silver, gold and lead.
M.E.—George A. Sonnemann, mining engineer. Superintendent of Bunker Hill & Sullivan Mining & Concentrating Co.
Gold-S.—B. H. Sullivan Co. Gold and silver.
Gold-S.—Chas. Sweeney. Gold and silver.
Silver-L.—E. L. Vanderworker. Silver and lead.
Gold-S.—J. W. West. Gold and silver.

KENTERVILLE, Idaho Co. Pop. 33. Banking town Grangeville.
Gold-S.—E. G. Vaughan. Gold and silver.

KETCHUM, Blaine Co. Pop. 460. M.O. Tel. Ry. 899.
Silver-L.—Michael Carey. Silver and lead.
Gold-S.—James T. Cochran. Gold and silver.
Silver-L.—J. N. Easley. Silver, lead and antimony. Third party mine. Refractory ore.
G.S.L.—Elkhorn Mining Co. Gold, silver and lead. Tunnel and shaft. Refractory ore.
Gold-S.—Frank Fulford. Gold and silver.
Silver-L.—Independence Mining Co. Silver and lead. Tunnel. Refractory ore.
Gold-S.—G. W. McCoy. Gold and silver.
Lead-S.—Mountain King Mining Co. Lead and silver. Challis, Idaho. Mountain King mine. Galena ore. 50 tons; 90 days; 5 employes. Steam. Concentrator.
Silver—Popham Bros. West Side mine, at Trail Mountain. 4 tunnels, 500 to 600 ft. Shaft, 300 ft. Smelting ore. 200 tons; 300 days.

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KETCHUM—Continued.
Gold-S.—J. A. Staver. Gold and silver.
Met.M.E.—Charles Wade Stickney, mining engineer and metallurgist. Gen. mgr. Phi Kappa Mining Co., Ltd.

KOOTENAI, Kootenai Co. P.O. Sandpoint. Ry. 617. Banking town Rathdrum.
Gold—Kootenai Mining & Smelting Co.

LAKEVIEW, Kootenai Co. Ry. Hope, 899.
Gold-S.—Fred Webber mine. Gold and silver. Tunnel and shaft. 10-stamp mill.

LARDO, Boise Co. Ry. Weiser, 899. Banking town Boise City.
Gold—Riggle & McCully (J. C. Riggle, J. W. McCully). Cap., $5,000. Mine on Boulder Creek.

LEWISTON, Nez Perces Co. Pop. 890. M.O. Ry. 832a.
Stone—Idaho Stone Company. Limestone.

LIBERTY, Bear Lake Co. Pop. 30. Ry. Montpelier, 899.
U.S.Sur.—Edwin Austin, surveyor. U. S. deputy mineral surveyor.

MALAD CITY, Oneida Co. Pop. 720. M.O. Ry. Collinston, Utah, 899.
G.S.L.—Pioneer Mining, Milling & Smelting Co. Gold, silver and lead. Pioneer mine. Tunnel. Free ore.

MARTIN, Blaine Co. Banking town and Ry. Blackfoot, 899.
Gold-S.—Samuel Martin. Gold and silver.

MEADOWS, Washington Co. M.O. Ry. Weiser, 899. Banking town Boise City.
Gold-S.—J. W. Walker. Gold and silver.

MINERAL, Washington Co. M.O. Ry. Huntington, Ore., 638; 899. Banking town Payette.
S.Cop.—Mineral Mutual Smelting Co., partnership. (C. O. Wing, Hayward, Cal.; N. E. Sprake, Mineral, Idaho, and Louis Sommer, Weiser, Idaho, owners.) Silver Bell mine. Tunnels. Silver and copper. Smelting ore. Water.

MONTPELIER, Bear Lake Co. Pop. 1,194. M.O. Tel. Ry. 899.
Mar.Ox.—Bear Lake Marble & Onyx Co., Montpelier (Oregon Short Line Ry.), Idaho. G. C. Gray, pres. and treas.; D. W. Standrod, v. pres.; R. S. Spence, secy., gen. mgr. and buyer. Cap. stk., $500,000; $250,000 pd. up. Black and gold marble and onyx.

MOSCOW, Latah Co. Pop. 1,140. M.O. Tel. Ry. 617; 638.
Mica—Eugene Buchanan.
M.E.—Edward Goodwin, mining engineer. Mining propositions examined and reported on.
Chem.—Charles William McCurdy, chemist. University of Idaho. Expert analytical work on minerals, soils, waters and ores will be given attention.
C.H.E.—J. E. Ostrander, civil and hydraulic engineer. Masonry construction. Examinations and reports on projects and existing structures.
Gold-S.—Potlatch Mining & Milling Co. Gold and silver.
Mica—Rodgers Mica Mining Co.
Mica—Silver White Mica Mining Co.

MULLAN, Shoshone Co. Pop. 418. M.O. Tel. Ry. 617, 638. Banking town Wallace.
Gold-S.—E. J. Clark. Gold and silver.
Gold—Martin Curran.
Gold-S.—Wm. Daxon. Gold and silver.
Gold—Gold Hunter Mining & Smelting Co. Silver and lead. Gold Hunter mine. Tunnel. Free ore.
Gold-S.—Gold Queen Co. Gold and silver.
Gold-S.—H. S. Harris. Gold and silver.
Gold—Harrison Mining & Milling Co. Harrison mine. Free ore.
Silver-L.—Horn & Ingalls. Silver and lead. Lucky Friday mine. Refractory ore.
Silver-L.—Morning Mining & Concentrating Co. Silver and lead. Morning mine and other claims. Tunnel. Refractory ore. Steam and water. Concentrator.
Gold—Mother Lode Mining Co. Mother Lode mine. Tunnel. Free ore. Water. Stamp mill.
Gold-S.—Sierra Mining Co. Gold and silver.
Gold-S.—A. W. Steele. Gold and silver.

MURRAY, Shoshone Co. Pop. 1,162. M.O. Ry. Wallace, 617, 638.
Gold-S.—Barton Mining Co. Gold and silver.
Gold-S.—Buckeye Mining Co. Gold and silver.
Gold—Daddy Gold Mining Co. G. W. Coplen, H. Coplen, Chas. Mead, Lewis Coplen, R. T. Horn and A. D. Coplen, owners. G. W. Coplen, gen. mgr. and buyer. Daddy and Mead mines. Tunnel, 375 ft. Free

MURRAY—Continued
ore. 300 days; 30 employes. Steam. Stamp mill, 30 tons daily capacity.
Yosemite mine. Tunnel, 1,000 ft. Free milling ore. 10,000 tons. Steam. 10-stamp mill.
Gold—Golden Chest Mining Co., John Counerill Lepee, Louisville, Kentucky. Golden Chest mine. Tunnel, 1,000 ft. Refractory and free ore. 10,000 tons; 300 days; 30 employes. Steam. Concentrator, 25 tons daily cap. 20-stamp mill. H. M. Gregg, mine supt.
Gold-S.—Golden King Mining Co. Gold and silver.
Gold-S.—Idaho Mining Co. Gold and silver.
Gold—Mother Lode. D. H. Wilsey, mgr. Tunnel, 400 ft. Free milling ore. 300 days. Water. 10-stamp mill.
Gold-S.—Occident Mining Co. Gold and silver.
Gold-S.—Treasure Box Mining Co. Gold and silver.
Gold-S.—Ward Bros. Gold and silver.

NAMPA, Canyon Co. Pop. 350. M.O. Tel. Ry. 899.
Gold-S.—J. M. Bernard. Gold and silver.
Gold-S.—Cox & Walterhouse. Gold and silver.
S.G.L.—Frank Given. Silver, gold and lead.
Gold-S.—Thomas Kakertz & Co. Gold and silver.
Gold-S.—Martin & Needham. Gold and silver.

NEAL, Elmore Co. Pop. 60. Ry. Boise City, 899.
Gold—Chas. Balback. Homestake mine. Tunnel, 400 ft. Shaft, 200 ft. Free ore. 4,000 tons; 300 days; 12 employes. Steam. Stamp mill, 10 tons. Concentrator, 20 tons daily capacity.
Gold—Hidden Treasure Mining Co., Boise City. Tunnel, 127 ft. Shaft, 110 ft. Free ore. 403 tons; 88 days; 20 employes. Steam. Stamp mill, 5 tons. Concentrator, 8 tons daily capacity. Amos Lee, mine supt.
Gold—Amos Lee. Ella Hill mine. Tunnel, 200 ft. Free ore. 85 tons.

NICHOLIA, Lemhi Co. Pop. 55. Ry. Camas, 899. Banking town Dillon, Mont.
Gold-S.—Clipper Mining Co. Gold and silver.

OAKLEY, Cassia Co. Pop. 150. M.O. Ry. Minidoka, 899. Banking town Dillon, Mont.
Lead—Frank Beake.
Gold-S.—Frederick Beake. Gold and silver.
G.S.L.—Joseph Cooper. Gold, silver and lead.
Silver-L.—John Fairchild. Silver and lead.
Gold-S.—Geo. Simpson. Gold and silver.

OREANA, Owyhee Co. Pop. 30. Ry. Mountainhome, 899.
Gold-S.—H. L. Lambert. Gold and silver.

OSBURN, Shoshone Co. Pop. 150. M.O. Tel. Ry. 617; 638. Banking town Wallace.
Gold—Argentine Mining Co.
Lead-Z.—E. A. Bevis. Lead and zinc.
Gold-S.—Blake Bros. Gold and silver.
Silver—Carson & Co.
Gold-S.—H. M. Freeman. Gold and silver.
Silver—George Bros.
Lead-S.—George & Bradner. Lead and silver. Kill Buck mine. Tunnel. Free ore.
Gold-S.—Harrington & Cook. Gold and silver.
Gold-S.—Thomas Kemp. Gold, silver and lead.
Silver-L.—Nellie Mining Co. Silver and lead.
Gold-S.—S. V. W. Osburn. Gold and silver.
Gold-S.—Osburn & Sewell. Gold and silver.
Silver—Polaris Mining Co., Spokane, Wash. Polaris, Southern Cross and Onega mines. Tunnels, 1,800 ft. Steam hoists. (Developing.)
Gold-S.—Thomas Reynolds. Gold and silver.
Silver-L.—Young & Alger. Silver and lead.

OSWEGO, Blaine Co. P.O. Humphreys.
Silver—Philadelphia & Idaho Silver Mining Co.

PIERCE, Shoshone Co. Pop. 185. Ry. Kendrick, 617. Banking town Lewiston.
Gold—Idaho Placer Mining Co.
Gold—Capt. D. W. Thompson.

PINE, Elmore Co. Banking town and Ry. Mountainhome, 899.
Gold-S.—Gold Hill Mining Co. Gold and silver.
Gold-S.—Mountain View Mining Co. Gold and silver.
Gold-S.—W. C. Picking & Co. Gold and silver. Franklin mine. Tunnel and shaft. Free and refractory ore. Water. Stamp mill.

PIONEERVILLE, Boise Co. Pop. 85. Ry. Boise City, 899. Banking town Idaho City.
Qsr.—Grimes Pass Quicksilver Mining Co.
Gold-S.—W. B. Noble & Co. Gold and silver.
Gold-S.—H. Turner. Gold and silver.
Silver-L.—Benjamin Wilson. Silver and lead.

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PLACERVILLE, Boise Co. Pop. 270. M.O. Ry. Boise City, 899. Banking town Idaho City.
Gold—Alder Creek Gold Mining Co.
Gold—C. Anderson & Co. Placer. Hydraulic.
Gold-S.—H. Ashcroft. Gold and silver.
Gold—California Hill Co. California Hill mine. Placer. Hydraulic.
Gold-S.—H. Corcoran Co. Gold and silver.
Gold—D. E. Coughanour. Ebenezer and Belshazzar mines. Free ore.
Gold—Granite Creek Ditch Co. Placer. Hydraulic.
Gold-S.—Jas. Groves. Gold and silver.
Gold-S.—John Halley. Gold and silver.
Gold—H. W. Knight. Placer.
Gold-S.—John Larson. Gold and silver.
Gold-S.—Rauch & Co. Gold and silver.
Gold—Riley Mining Co. Placer. Hydraulic.
Gold-S.—Edwin Smith. Gold and silver. Mountain Queen mine. Tunnel. Free ore.
Gold-S.—W. O. Weiss. Gold and silver.

PRESTON, Oneida Co. Pop. 114. M.O. Tel. Ry, 899. Banking town Malad City.
Gold-S.—Frederick Nuffer. Gold and silver.

PRINCETON, Latah Co. Pop. 45. M.O. Ry. Palouse, 617.
Gold—Carrico Bros.

QUARTZBURG, Boise Co. Pop. 85. Ry. Boise City, 899. Banking town Idaho City.
Gold-S.—Benham & Co. Gold and silver.
Gold—D. Carroll.
Gold—D. E. Coughanour, Sr., D. E. Coughanour, Jr., and L. Coughanour. Iowa mine. Free ore. 300 days; 15 employes. Hendy concentrator. Ten-stamp mill, 30 tons daily capacity. Steam. D. E. Coughanour, Sr., mine supt.
Gold-S.—Fred Coughanour. Gold and silver.
Gold—M. Crossin.
Gold-S.—John Dickerson. Gold and silver.
Gold—Gold Hill Gold & Silver Mining Co. Gold Hill, Pioneer and Confederate mines. Shaft, 400 ft. Tunnel, 2,000 ft. Free ore. 300 days; 30 employes. Hendy concentrator. Twenty-five-stamp mill, 60 tons daily capacity. Steam. D. E. Coughanour, Jr., mine supt.
Gold-S.—Wm. Hamilton. Gold and silver.
Gold—Anton Selvia.
Gold-S.—S. Smith. Gold and silver.

RATHDRUM, Kootenai Co. Pop. 220. M.O. Tel. Ry. 617.
Gold-S.—Greenhorn Mining Co. Gold and silver.
Alum.—Idaho Aluminum Mining & Manufacturing Co.
U.S.Sur.—A. D. Robinson, civil and mining engineer. U. S. deputy mineral surveyor. Graduate State University of Iowa, 1880. Member Spokane Academy of Sciences.

REDWING, Blaine Co. P.O. Sawtooth. Ry. Ketchum, 899.
S.G.—C. J. Johnston. Silver and gold. Solace mine. Shaft. Refractory ore. Steam.

REYNOLDS, Owyhee Co. Ry. Nampa, 899. Banking town Boise City.
Gold-S.—Kelly & Brunzell. Gold and silver.

ROCKVILLE, Owyhee Co. Pop. 35. Ry. Caldwell, 899.
Gold-S.—John McMahon. Gold and silver.

ROCKYBAR, Elmore Co. Pop. 45. M.O. Banking town and ry. Mountain Home, 899.
Gold—Alturns Gold Mining Co.
Gold—Bear Creek & Alluvial Gold Mine Co., Ltd., Glasgow, Scotland. H. Thompson, gen. mgr. Placer. Flume, 2,200 ft. (Developing.)
Gold—Elmore Gold Mining Co., Ltd.
Gold-S.—Hardscrabble Mining Co. Gold and silver.
Gold-S.—Jim Blaine Mining Co. Gold and silver. Jim Blaine mine and other claims. Tunnel. Free ore. Steam. Stamp mill.
Gold—Ophir Gold Mining Co. Ophir mine. Shaft. Free ore. Steam. Stamp mill.
Gold-S.—Schoeder Mining Co. Gold and silver.
Gold—Vishnu Gold Co. Vishnu mine. Shaft and tunnel. Free ore. Steam. Stamp mill.
Gold—White Star Consolidated Mining Co., 29 Broadway, New York. White Star mine.
Gold-S.—Wide West Gold Mining Co. Gold and silver.

ROSEBERRY, Boise Co. Ry. Boise City, 899.
Gold-S.—J. H. Storer. Gold and silver.

RUTHBURG, Washington Co. Ry. Weiser, 899.
Gold—H. B. Conway.
Gold-S.—Heath Mining Co. Gold and silver.
Gold-S.—F. H. Richards. Gold and silver.

ST. CHARLES, Bear Lake Co. Pop. 125. M.O. Banking town and ry. Montpelier, 899.
Silver—W. H. Dodge, Salt Lake City, Utah. Consolidated Blackstone and fourteen other claims. Shaft and tunnel. Galena ore. Concentrator.

SALMON, Lemhi Co. Pop. 620. M.O. Ry. Red Rock, Mont. Banking town Dillon, Mont.
Gold-S.—Ammett Creek Gold Mining Co.
Gold—Lemhi Mining & Milling Co.
Gold—Lemhi Placer Gold Mining Co. Lemhi placer mine.
Gold—Henry Loss.
Gold-S.—J. W. Parfet. Gold and silver.
Gold—P. Salmon Placer Mining Co.

SALMON FALLS, Lincoln Co. P.O. Hagerman.
Gold-S.—Jacob Stotz. Gold and silver.

SAMARIA, Oneida Co. Pop. 98. Ry. Collinston, Utah, 899. Banking town Malad City.
Gold—T. D. Davis.

SANDPOINT, Kootenai Co. M.O. Tel. Ry. 346, 617. Banking town Spokane, Wash.
Gold—Atlanta Mining & Milling Co.
Gold-S.—W. P. Grainger. Gold and silver.
G.S.L.—Heuin & Carpenter. Gold, silver and lead.
Gold-S.—H. L. Jackson. Gold and silver.
Silver-L.—A. Klockman. Silver and lead.
Gold-S.—E. Phillips. Gold and silver.
G.S.L.—J. Weil. Gold, silver and lead.
Gold-S.—A. B. Wylie. Gold and silver.

SAWTOOTH, Blaine Co. Pop. 35. Banking town and ry. Ketchum, 899.
Gold-S.—C. J. Johnston & Co. Gold and silver.
Gold-S.—Vienna Mining Co. Gold and silver.

SHOUP, Lemhi Co. Pop. 48. Ry. Red Rock, 899.
Gold-S.—Grunter Mining Co. Gold and silver.
Gold-S.—Kentuck Mining Co. Gold and silver.
Gold-S.—I. Laughlin. Gold and silver.

SILVER CITY, Owyhee Co. Pop. 450. M.O. Ry. Nampa, 899. Banking town Caldwell.
Gold-S.—Black Jack Mine. Gold and silver. 2 tunnels, 4,000 ft. Free milling ore. 8,000 tons; 25 days. 30-stamp mill. Fred Erwin, mine supt.
Gold-S.—Blaine and Trade Dollar Mines. Gold and silver. Tunnel, 4,500 ft. Free milling ore. 9,000 tons; 300 days. Jos. Hutcheson, mine supt.
U.S.Sur.—Richard H. Britt, civil engineer. U. S. deputy mineral surveyor. Surveyor for Poorman Gold Mines, Ltd.
Insp.—E. H. Dewey, state mine inspector.
Gold-S.—Flint (Idaho) Mining Co. G. W. Haldredge, Omaha, Neb., pres.; F. P. Bonnell, gen. mgr. and buyer. Cap. stk. $10,000, pd. up. Rising Star mine. Gold and silver. Shaft, 400 ft. Tunnel, 500 ft. Refractory ore. 300 days; 20 employes. Steam. Concentrator and 20-stamp mill, 50 tons daily cap. Marcus White, mine supt.
Gold-S.—Jay Hawk Mining Co. Gold and silver.
Gold-S.—Phillips & Sullivan. Phillips and other claims. Gold and silver. Tunnel. Free ore. Steam. Stamp mill.

SODA SPRINGS, Bannock Co. Pop. 447. M.O. Tel. Ry. 899. Banking town Pocatello.
Gold-S.—Union Mining & Milling Co. Gold and silver.

STICKNEY MILL, Custer Co. Ry. via Ketchum, 899.
Gold-S.—Phi Kappa Mining Co., Ltd, 37 Moorgate st., London, Eng. Vavasour Earle, pres.; F. J. Thorp, secy.: O. W. Powers, treas.; Chas. Wade Stickney, gen. mgr. and buyer. Refractory ore. Gold, silver and lead. 25 employes. Concentrator, annual capacity 9,000 tons. Chas. Wade Stickney, mine supt.

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VOLLMER, Latah Co. Pop. 250. M.O. Tel. Ry. 617. Banking town Moscow.
Mica—I. I. & G. A. Rogers, Asotin, Wash. Amber Crystal mine. Tunnel, 100 ft. (Developing.)

WALLACE, Shoshone Co. Pop. 890. M.O. Tel. Ry. 617; 638.
Lead-Z.—A. B. Campbell. Lead and zinc.
Gold-S.—Crown Mining Co. Gold and silver.
Gold-S.—Davey & Son. Gold and silver.
Gold-S.—Frisco Mining Co. Gold and silver.
Silver-L.—Granite Mining Co., Portland, Ore. Granite mine. Silver and lead. Shaft and tunnel. Galena ore. Leased to other parties.
Gold-S.—Heckle Mining Co. Gold, silver and lead.
Silver-L.—Milwaukee Mining Co. Silver and lead.
Silver-C.—New Chicago Mining Co. Silver and copper.
Smel.—Northwestern Smelting Works. Gold, silver, copper and lead smelting.
Gold-S.—Porter Bros. Gold and silver.
Lead-S.—Standard Mining Co. Lead and silver. Standard and Banner mines. Tunnel. Refractory ore. Steam.
U.S.Sur.—George R. Trask, civil and mining engineer, Cedar st. U. S. deputy mineral surveyor.
Gold-S.—Union Consolidated Co. Gold and silver.
Lead-S.—O. B. Wallace. Lead and silver. Shaft and tunnel.

WARDNER, Shoshone Co. Pop. 890. M.O. Tel. Ry. 617; 638.
Silver-L.—Bunker Hill & Sullivan Mining & Concentrating Co., Crocker bldg., San Francisco. Bunker Hill and Sullivan mines. Silver and lead. Tunnel, 6,000 ft. Refractory ore. 150,000 tons; 300 days; 400 employes. Concentrator, 500 tons daily capacity. Steam, water and electricity. George A. Sonnerman, M. E., mine supt.
Silver—Last Chance Mining Co., Spokane, Wash. Last Chance and Shoshone mines. Shaft, 1,100 ft. Tunnel, 3,000 ft. Galena ore. 20,000 tons; 300 days; 120 employes. Steam, water, electricity. Concentrator, 150 tons daily cap. Charles Sweeny, mine supt.
Gold-S.—J. M. Long.
Gold-S.—Longshore & Levett.
Silver-C.—Old Abe & Tompkins Mining & Milling Co. Old Abe mine. Tunnel. Free ore.
Lead-S.—L. Shanklin.
Silver-L.—Shoshone Mining Co.
Silver-L.—Sierra Nevada Mining Co. Tunnel. Refractory ore.
Gold-S.—G. H. Trumbull.

WEISER, Washington Co. Pop. 905. M.O. Tel. Ry. 899.
Gold-S.—C. F. Drake.
Gold-S.—J. C. Hill.
G.S.C.—C. W. Walker. Gold, silver and copper.

YELLOW JACKET, Lemhi Co. Ry. Ketchum, 899.
Gold—Idaho Yellow Jacket Gold Mining Co., New York. Yellow Jacket mine. Tunnel, 3,000 ft. and open pit. Free milling ore. 72,000 tons; 300 days; 150 employes. Water. 60-stamp mill, 200 tons daily capacity. S. R. Thompson, mine supt.
G.S.C.—New Columbia Gold Mining Co., 277, 38 Park Row, New York. 53 claims. Gold, silver and copper. Shafts, drifts, open cuts. Refractory and free ore. 125 tons daily; 60 employes. (Developing.)
U.S.Sur.—Clarence M. Rasor, civil engineer. U. S. deputy mineral surveyor.

ILLINOIS

ALEDO, Mercer Co. Pop. 1,620. M.O. Tel. Ry. 167.
B.Coal—P. L. Bailey. Love's mine. Shaft. (Local.)
B.Coal—W. P. Williams. (Local.)

ALEXIS, Warren Co. Pop. 580. M.O. Tel. Ry. 167.
B.Coal—Jno. Cook. (Local.)
B.Coal—Wm. Cook & Son. Empire mine. (Local.)
B.Coal—John Simcox. Simcox shaft. (Local.)

ALPHA, Henry Co. Pop. 210. M.O. Tel. Ry. 167.
B.Coal—Jno. Bland. Slope. Horse. (Local.)

ALSEY, Scott Co. Pop. 45. Tel. Ry. 167. Banking town Winchester.
B.Coal—Chas. McGuire. Woodall mine. Tunnel. (Local.)
B.Coal—Michael Murphy. Coal Hollow mine. Shaft, 42 ft. 2 employes. Horse. (Local.)
B.Coal—Jno. Stewart. (Local.)
B.Coal—James Walsh. (Local.)

ALTAMONT, Effingham Co. Pop. 1,054. M.O. Tel. Ry. 4; 50; 175; 870; 913. Banking town Effingham.
B.Coal—C. Grider. (Local.)

ALTON, Madison Co. Pop. 12,290. M.O. Tel. Ry. 154; 203; 770.
B.Coal—Reinhold Gassran.
Stone—Grafton Dolomite Stone Co.
Stone—Atkinson & Patrick.

ANCHOR, McLean Co. Pop. 176. M.O. Tel. Ry. 381.
B.Coal—Stewart Coal Co. (Local.)

APPLETON, Knox Co. Tel. Ry. 30. Banking town Galesburg.
B.Coal—Wm. Fish, Appleton. (Local.)

ARENZVILLE, Cass Co. Pop. 356. M.O. Tel. Ry. 167.
B.Coal—J. F. Stocker. Burrus mine. Slope. 1,500 tons; 4 employes.

ASHLAND, Cass Co. Pop. 1,045. M.O. Tel. Ry. 50; 154.
B.Coal—Ashland Coal Co.
B.Coal—J. S. & G. S. Russel. Ashland mine. Shaft, 205 ft. 3,500 tons; 10 employes. Steam.

ASSUMPTION, Christian Co. Pop. 2,000. M.O. Tel. Ry. 381.
B.Coal—Assumption Coal & Mining Co. P. L. Meyers, pres.; F. J. Armstrong, buyer; J. L. Long, secy.; David Lacharity, treas.; S. A. Shafer, gen. mgr. Cap. stk. $47,000, pd. up. Assumption mine. Shaft, 1,000 ft. 50,000 tons; 300 days; 120 employes. Steam. F. J. Armstrong, mine supt.

ASTORIA, Fulton Co. Pop. 2,000. M.O. Tel. Ry. 167.
B.Coal—Astoria Coal & Mining Co. Shaft, 72 ft. 24,000 tons; 255 days; 52 employes. Steam.
B.Coal—J. Diamond & Son. (Local.)

ATHENS, Menard Co. Pop. 944. M.O. Tel. Ry. 176.
B.Coal—Athens Mining Co. Shaft, steam and compressed air.

ATKINSON, Henry Co. Pop. 534. M.O. Tel. Ry. 179.
B.Coal—Thos. Frew. (Local.)
B.Coal—James Kay. Kay's mine. Shaft. (Local.)
B.Coal—Mowbray & Lowes. John Mowbray, mgr. Cap. stk., $5,000. Atkinson mine. Slope, 36 ft. 3,700 tons; 250 days; 9 employes.
B.Coal—Elery Riley. Alkinson mine. Shaft. (Local.)
B.Coal—Welch Bros. Shaft. (Local.)

AUBURN, Sangamon Co. Pop. 874. M.O. Tel. Ry. 154; 654.
B.Coal—Auburn Coal Co. J. A. Paxton, gen. mgr. Shaft, 268 ft. 32,000 tons; 225 days; 30 employes. Steam. Robison Cook, mine supt.
B.Coal—Sugar Creek Coal Co.

AUGUSTA, Hancock Co. Pop. 1,077. M.O. Tel. Ry. 167.
B.Coal—Augusta Coal Co.
B.Coal—A. J. Bouner. (Local.)
B.Coal—Patrick Doyle. Williams Creek mine. Slope. (Local.)
B.Coal—Samuel Jones. (Local.)
B.Coal—O. P. Leach. (Local.)

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AUGUSTA—Continued.
B.Coal—J. W. Marks. Idlewise mine. Shaft. 1,200 tons. Horse.
B.Coal—Meredith Bros. (Local.)

AURORA, Kane Co. Pop. 19,888. M.O. Tel. Ry. 167; 160; 282.
S.Ref.—Chicago & Aurora Smelting & Refining Co., 184 La Salle st., Chicago. Three blast furnaces,also roasting and reverberatory furnaces, 50,000 tons lead, silver and gold ores, annual capacity. Refinery for lead bullion. Pig lead 25,000 tons.
Stone—C. Riddle & Co., Broadway and Washington sts. Limestone. Crushed stone. 100 yds. daily capacity. Electricity. F. A. Cooley, quarry supt.
Stone—Matthew Wagner.

AVON, Fulton Co. Pop. 700. M.O. Tel. Ry. 167.
B.Coal—Thos. Caldwell. Avon mine. Drift. 1,000 tons.
B.Coal—Willis Clayton.
B.Coal—Frederick Minaker. (Local.)

BABYLON, Fulton Co. Pop. 50. Banking town and Ry. Bushnell, 167.
B.Coal—Mark Whitehead. (Local.)

BANNER, Fulton Co. Banking town and Ry. Canton, 167.
B.Coal—Geo. Fiddler. (Local.)
B.Coal—Thos. Romaine. (Local.)
B.Coal—A. Williams. (Local.)

BARDOLPH, McDonough Co. Pop. 447. M.O. Tel. Ry. 167.
F.Clay—Bardolph Fire Clay Co.

BARTONVILLE, Peoria Co. Pop. 412. Ry. Iowa Junction, 391; 667. Banking town Peoria.
B.Coal—Wolland Bros. 7,000 tons; 12 employes. E. S. Wolland, supt.
B.Coal—Ball Coal Co. Shaft, 92 ft. 1,800 tons; 140 days; 6 employes. Steam.
B.Coal—Collier Co-Operative Coal Co. Drift, 70 ft. 25,000 tons; 224 days; 30 employes. Steam.
B.Coal—Lot Hurst. (Local.)
B.Coal—Geo. Keller & Sons. Shaft, 65 ft. 3,500 tons; 195 days; 6 employes. Steam and horse.
B.Coal—Geo. Kellarville & Co. (Local.)
B.Coal—Walter Treasure. Slope, 90 ft. 1,400 tons; 165 days; 5 employes. Horse.
B.Coal—Winter & Myatt. Slope, 100 ft. 1,700 tons; 125 days; 12 employes. Steam.

BELLEVILLE, St. Clair Co. Pop. 15,500. M.O. Tel.' Ry. 479; 482; 667.
B.Coal—F. Brandenburger. (Local.)
B.Coal—Chas. Brosius. Shaft, 60 ft. 2,400 tons; 300 days; 7 employes. Horse.
B.Coal—John Brosius. (Local.)
B.Coal—F. J. Bruggeman. Shaft, 130 ft. 20,500 tons; 220 days; 45 employes. Steam.
B.Coal—Consolidated Coal Co., St. Louis, Mo. Schureman, Richland, Gartside No. 4, Rose Hill and Green Mount mines. Shafts, 90 to 225 ft. 153,500 tons; 125 days; 177 employes. Steam.
B.Coal—Crown Coal & Tow Co. Shaft, 190 ft. 34,500 tons; 220 days; 50 employes. Steam.
B.Coal—Ebel & Bros. Shaft, 40 ft. 3,500 tons; 300 days; 5 employes. Horse.
Silver-L.—Eclipse Silver Mining Co. J. B. Rentchler, pres.; Jos. Fuess, v. pres.; Adolph Horn, secy. and treas.; Lawrence Ryan, gen. mgr. Mine at Kingston, N. Mex.
B.Coal—Jos. Gast.
B.Coal—Glendale Coal Co. Shaft, 110 ft. 87,000 tons; 245 days; 25 employes. Steam.
B.Coal—John Harst. Shaft, 55 ft. 5,000 tons; 250 days; 7 employes. Horse.
B.Coal—Chas. Hartman. Shaft, 85 ft. 35,000 tons; 250 days; 30 employes. Horse.
B.Coal—Highland Coal Co. Shaft, 130 ft. 20,000 tons; 260 days; 30 employes. Steam.
B.Coal—Humboldt Coal Mining Co. Shaft, 125 ft. 12,500 tons; 212 days; 20 employes. Steam.
B.Coal—Jno. Kloess. Shaft, 110 ft. 20,000 tons; 180 days; 40 employes. Steam.
B.Coal—Jacob Krantz, 517 West Second st. Branch mine. Shaft, 60 ft. 15,500 tons; 250 days; 20 employes. Steam.
B.Coal—Lebanon Coal & Machinery Co.

BELLEVILLE—Continued.
Roll.M.—Le Claire Steel Co.
B.Coal—Louisville & Nashville Coal Co.
B.Coal—Maule Coal Co. Slope, 100 ft. 60,000 tons; 250 days; 89 employes. Horse.
B.Coal—Maule National Coal Co. Shaft, 40 ft. 200 days; 25 employes. Horse.
B.Coal—Louis Michaelis.
B.Coal—Missouri & Illinois Coal Co. Shaft, 90 ft. 36,000 tons; 150 days; 50 employes. Steam.
B.Coal—Frank Murphy. Shafts, No. 1, 40 ft.; No. 2, 60 ft. 7,000 tons; 300 days; 8 employes. Horse.
B.Coal—Oak Hill Coal & Mining Co. Shaft, 180 ft. 20,000 tons; 188 days; 16 employes. Steam.
B.Coal—Oakland Coal Co. Shaft, 180 ft. 37,000 tons; 195 days; 25 employes. Steam.
B.Coal—Pittsburg Coal Co. Pittsburg mine. Shaft, 130 ft. 12,500 tons; 260 days; 16 employes. Steam.
B.Coal—Conrad Reinecke. Shaft, 120 ft. 60,000 tons; 230 days; 50 employes. Steam.
B.Coal—Skellet Coal Co. Shaft, 160 ft. 30,000 tons; 215 days; 35 employes. Steam.
Roll.M.—Valley Steel Co.
B.Coal—Nicholas Weiss & Sons. Shaft, 60 ft. 1,800 tons; 300 days; 4 employes. Horse.
B.Coal—West End Coal Co. Shaft, 130 ft. 26,000 tons; 200 days; 25 employes. Horse.
B.Coal—Yoch Coal & Mining Co.
Stone—G. F. Ziehner. Limestone.

BERNADOTTE, Fulton Co. Pop. 270. Banking town and Ry. Ipava, 167.
B.Coal—P. O. Heller. (Local.)
B.Coal—Heller & Co. (Local.)
B.Coal—Jesse Strode. (Local.)
B.Coal—Thos. Whittles. Drift, 40 ft. 350 tons; 115 days; 2 employes.

BETHALTO, Madison Co. Pop. 879. M.O. Tel. Ry. 203.
B.Coal—H. Kable. (Local.)
B.Coal—Edward Meyer. (Local.)
B.Coal—Wm. Owen. Banner mine. Shaft. 500 tons. Horse.
B.Coal—John Spence. (Local.)

BETHEL, Morgan Co. Ry. Chapin, 167. Banking town Jacksonville.
B.Coal—Henry Bosse. Thompson mine. Shaft. 400 tons. Horse.

BIRKNER, Saint Clair Co. Pop. 289. Ry. 479. Banking town Belleville.
B.Coal—Wm. Avery.
B.Coal—Avery & Randall. Avery mine. Shaft. 2,000 tons. Steam.
B.Coal—Consolidated Coal Co., St. Louis, Mo. Knecht and Dutch Hollow mines. Shafts, 125 and 200 ft. 47,000 tons; 160 days; 160 employes. Steam.
B.Coal—Walnut Hill Coal Co. Shaft, 190 ft. 37,500 tons; 200 days; 40 employes.

BLAIR, Randolph Co. Pop. 104. Ry. Birkner, 479. Banking town Sparta.
B.Coal—Fellows & Dobbins. Shaft, 22 ft. (Local.)
B.Coal—G. W. Higgins. (Local.)
B.Coal—Wm. McDonald. (Local.)
B.Coal—A. R. Morris. (Local.)
B.Coal—George Stanway. Cap., $1,000. Stanway mine. Slope. 400 tons; 3 employes. (Local.)

BLANDINSVILLE, McDonough Co. Pop. 877. M.O. Tel. Ry. 855.
B.Coal—Joseph Dodds. (Local.)
B.Coal—James Taylor. Shaft, 40 ft. 400 tons; 100 days; 4 employes.

BLOOMINGTON, McLean Co. Pop. 20,500. M.O. Tel. Ry. 154; 203; 381; 445.
Stone—A. Laufer.
B.Coal—McLean County Coal Co., 320 N. Main st. L. M. Graham, pres., treas., gen. mgr. and buyer; David Bowen, secy. Cap. stk., $90,000, pd. up. Shaft, 540 ft. 125,000 tons; 285 days; 200 employes. Steam.

BLOUNT, Vermilion Co. Banking town and Ry. Danville, 155; 203.
B.Coal—W. J. Moore. Shaft. (Local.)
B.Coal—Wolf & Bonnet. (Local.)

BLUFF CITY, Schuyler Co. Pop. 94. Ry. Browning, 167. Banking town Astoria.
Stone—E. F. Line & Son.
B.Coal—H. H. Meier. Open pit. 4 employes. (Local.)

BONFIELD, Kankakee Co. Pop. 150. M.O. Tel. Ry. 408a. Banking town Kankakee.
Stone—C. D. Henry.
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BRACEVILLE, Grundy Co. Pop. 2,150. M.O. Tel. Ry. 154.
B.Coal—Chicago, M. & St. Paul Co. Nos. 2 and 4 shafts, 110 and 105 ft. 171,700 tons; 180 days; 650 employes.

BRADFORD, Stark Co. Pop. 604. M.O. Tel. Ry. 167.
B.Coal—Thomas D. Aitken. Shaft, 95 ft. 1,500 tons; 180 days; 6 employes. Horse.
B.Coal—W. J. Eagleston.
B.Coal—Daniel Phenix. Shaft, 130 ft. 1,200 tons; 225 days; 5 employes. Horse.

BRAIDWOOD, Will Co. Pop. 4,641. M.O. Tel. Ry. 154.
B.Coal—Chicago, Wilmington & Vermilion Coal Co. Q. shaft, 80 ft. 45,000 tons; 200 days; 180 employes. Steam.
B.Coal—Co-Operative Coal Co. 4,000 tons; 186 days; 20 employes.
B.Coal—Miners' Coal Co. (Local.)

BREEDS, Fulton Co. Pop. 207. Tel. Ry. 855. Banking town Canton.
B.Coal—Patrick Meehan. Drift, 70 ft. 13,600 tons; 175 days; 45 employes. Horse.

BREESE, Clinton Co. Pop. 900. M.O. Tel. Ry. 50.
B.Coal—Breese Coal Mg. Co., Flora. Breese mine. Open pit. Steam. Henry Huennert, mine supt.
B.Coal—Consolidated Coal Co., St. Louis, Mo. Shaft, 400 ft. 60,600 tons; 142 days; 55 employes. Steam.
B.Coal—Future Coal & Mining Co. Shaft, 380 ft. 80,000 tons; 195 days; 90 employes. Steam.

BRIARBLUFF, Henry Co. Tel. Ry. 167. Banking town Moline.
B.Coal—Briarbluff Mining Co. (Local.)
B.Coal—Martin Peacock. Drift. (Local.)

BRIGHTON, Macoupin Co. Pop. 697. M.O. Tel. Ry. 154; 167.
B.Coal—M. Burns. (Local.)
B.Coal—James Cairness. (Local.)
B.Coal—Ira A. Holmes. Mine No. 1. Tunnel, 200 ft. 3,600 tons; 200 days; 6 employes. Chas. Griner, mine supt.
B.Coal—John Krebs. (Local.)

BRIMFIELD, Peoria Co. M.O. Tel. Ry. 167.
B.Coal—Joseph Catton. Shaft, 30 ft. 1,400 tons; 225 days; 4 employes. Horse.
B.Coal—Jas. Duffy. (Local.)
B.Coal—G. W. Langdon. Shaft, 40 ft. 1,400 tons; 195 days; 6 employes. Horse.
B.Coal—Frank Mullaly. Drift, 35 ft. 900 tons; 150 days; 4 employes.
B.Coal—Jas. H. Pemble. Shaft, 30 ft. 750 tons; 175 days; 3 employes.
B.Coal—Joseph Slater. Drift, 25 ft. 450 tons; 2 employes.
B.Coal—Phillip F. Tully. Cap., $500. Drift bank. 1,000 tons.

BRUSSELS, Calhoun Co. Pop. 228. M.O. Banking town and Ry. Grafton, 381.
B.Coal—Thomas Pressed Brick Co. Drift. 3,500 tons; 250 days; 20 employes.

BRYANT, Fulton Co. Pop. 309. M.O. Tel. Ry. 167. Banking town Canton.
B.Coal—Ashton Coal Co.
B.Coal—Bryant Coal Co.
B.Coal—Whitebreast Fuel Co., 940 Rookery bldg., Chicago. Mine "F." Shaft, 60 ft. 40,000 tons; 150 days; 85 employes. Steam. Alex. Jenkins, mine supt.

BUNKER HILL, Macoupin Co. Pop. 1,270. M.O. Tel. Ry. 203.
B.Coal—Bunker Hill Coal Co.
B.Coal—Wm. Neil & Co. Shaft, 250 ft. 5,500 tons; 300 days; 12 employes. Steam.

BUSHNELL, McDonough Co. Pop. 2,315. M.O. Tel. Ry. 167; 855.
B.Coal—Robert Orr. (Local.)

CABLE, Mercer Co. Pop. 1,300. M.O. Tel. Ry. 744.
B.Coal—Coal Valley Mining Co., Rock Island. Shaft, 60 ft. Slope, 40 ft. 148,000 tons; 200 days; 24 employes.
B.Coal—Hill Bros. & Waters Coal Co. Shaft, 60 ft. 10,000 tons; 140 days; 35 employes. Steam.
B.Coal—Lilliman Bros. Shaft, 38 ft. 1,300 tons; 175 days; 7 employes. Horse.
B.Coal—Chas. Peterson. Shaft, 65 ft. 4,000 tons; 200 days; 10 employes. Steam.
B.Coal—Axel Swanson. Slope, 20 ft. 3,500 tons; 200 days; 8 employes. Horse.

CAIRO, Alexander Co. Pop. 10,000. M.O. Tel. Ry. 203; 381; 545.
Coal-Salt—Ill. Cent. Coal & Salt Co. Mine at St. Johns.

CAMBRIDGE, Henry Co. Pop. 940. M.O. Tel. Ry. 744.
B.Coal—Fairlie & Sander. Shaft, 135 ft. 3,000 tons; 260 days; 12 employes. Steam.

CAMDEN, Schuyler Co. Pop. 948. M.O. Ry. Augusta, 167.
B.Coal—J. A. McQuaid. Camden mine. Shaft. (Local.)
B.Coal—G. H. Rader. (Local.)

CANTON, Fulton Co. Pop. 5,650. M.O. Tel. Ry. 167; 382a; 855
B.Coal—David Auld. Slope. (Local.)
B.Coal—Frank Aylward. Shaft, 30 ft. 1,300 tons; 215 days; 4 employes. Steam.
B.Coal—Bennet Bros. & Co. Slope, 50 ft. 1,000 tons; 130 days; 6 employes. Horse.
B.Coal—Bennet & Lofly. (Local.)
B.Coal—Canton Coal Co. S. A. Drake, pres. and gen. mgr. Cap., $5,000. Shaft, 80 ft. 14,000 tons; 230 days; 30 employes. Steam.
B.Coal—Canton Coal & Gas Co. Shaft, 70 ft. 14,000 tons; 240 days; 25 employes. Steam.
B.Coal—J. W. Duryea. Drift, 57 ft. 1,400 tons; 140 days; 6 employes. Horse.
B.Coal—Grover & Sons. (Local.)
B.Coal—Oliver Harris. Drift, 50 ft. 400 tons; 140 days; 3 employes. Horse.
B.Coal—A. W. Heald & Son. Canton mine. Shaft, 70 ft. 17,000 tons; 100 days; 40 employes. Steam.
B.Coal—Wm. Hughes & Son. Drift, 50 ft. 800 tons; 130 days; 4 employes. Horse.
B.Coal—L. L. Jones. (Local.)
B.Coal—Patrick Linden & Son. Drift, 55 ft. 2,300 tons; 210 days; 3 employes. Horse.
B.Coal—T. H. Lukey. (Local.)
B.Coal—Chas. Minett. Drift, 50 ft. 300 tons; 125 days; 2 employes. Horse.
B.Coal—Nevitt & Kennedy. Shaft, 25 ft. 1,000 tons; 195 days; 6 employes. Horse.
B.Coal—Root & Waddell. Slope, 50 ft. 2 employes. Horse.
B.Coal—Chas. Savill. (Local.)
B.Coal—Chas. Scanlon. Drift, 50 ft. 1 employe.
B.Coal—Robt. Smith. Drift, 30 ft. 900 tons; 275 days; 2 employes.
B.Coal—Jno. Swanson & Co. Shaft, 55 ft. 2 employes. Horse.
B.Coal—Albert Terrel. Shaft, 40 ft. 1,600 tons; 200 days; 5 employes.
B.Coal—Wm. Whitham, 285 Fulton Place. Cap., $1,000. Buck Hart mine. Drift, 60 ft. 2,000 tons; 250 days; 7 employes. Horse.

CANTRALL, Sangamon Co. Pop. 107. M.O. Tel. Ry. 176. Banking town Springfield.
B.Coal—Cantrall Co-Operative Coal Co. John Griffin, pres. and supt.; J. Beaghan, v. pres.; Eugene Colgan, secy., gen. mgr. and buyer; M. E. Keeley, treas. Cap. invested, $30,000. Cantrall mine. Shaft, 230 ft. 100,000 tons; 260 days; 125 employes. Steam.

CARBON CLIFF, Rock Island Co. Pop. 200.
B.Coal—Silvis Bros. Slope. 6,000 tons; 275 days; 12 employes. Horse.

CARBONDALE, Jackson Co. Pop. 2,382. M.O. Tel. Ry. 163; 381; 667.
Stone—John Hayden. (Local.)
B.Coal—R. J. Mason. (Local.)
B.Coal—Chas. A. Ray. (Local.)

CARLINVILLE, Macoupin Co. Pop. 3,293. M.O. Tel. Ry. 154; 471.
B.Coal—W. G. Bartells. (Local.)
B.Coal—Carlinville Coal Co. Shaft, 290 ft. 75,000 tons; 220 days; 100 employes. Steam.

CARROLLTON, Greene Co. Pop. 2,258. M.O. Tel. Ry. 154; 471.
Stone—James McAvoy.

CARTERVILLE, Williamson Co. Pop. 969. M.O. Tel. Ry. 667.
B.Coal—Carter & Belford. (Local.)
B.Coal—Carterville Coal Co. Shaft, 70 ft. 80,000 tons; 165 days; 200 employes. Steam.
B.Coal—T. J. Lansom. Shaft, 40 ft. 1,700 tons; 160 days; 10 employes. Horse.
B.Coal—David Waldron & Co. Shaft, 40 ft. 1,700 tons; 170 days; 9 employes. Steam.
B.Coal—John A. Young. Young's mine. Slope, 30 ft. 2,000 tons; 200 days; 4 employes.

CASEYVILLE, Saint Clair Co. Pop. 475. M.O. Tel. Ry. 50; 870.
B.Coal—Consumers' Coal Co. (See O'Fallon.)

CASTLETON, Stark Co. Pop. 149. M.O. Tel. Ry. 167. Banking town Wyoming.
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CASTLETON—Continued.
B.Coal—Jesse Savill. Cap., $1,500. Shaft, 60 ft. 1,500 tons; 300 days; 4 employes. Horse.
B.Coal—John Scott. $1,800. 200 days; 6 employes. (Local.)

CATLIN, Vermilion Co. Pop. 275. M.O. Tel. Ry. 913. Banking town Danville.
B.Coal—Wm. Daugherty. Drift, 80 ft. 600 tons; 140 days; 2 employes.
B.Coal—A. G. Findley. Slope, 80 ft. 900 tons; 150 days; 2 employes. Horse.
Stone—G. S. Fleming.
B.Coal—S. & M. France. Shaft, 50 ft. 6 employes.
B.Coal—Henry Harris. Shafts Nos. 1 and 2, 55 ft. 3,000 tons; 260 days; 16 employes. Steam.
B.Coal—A. Jones. Jones mine. Shaft, 53 ft. 900 tons; 300 days; 3 employes. Horse.
B.Coal—Evan Jones. Slope, 50 ft. 3 employes.
B.Coal—J. M. Jones. (Local.)
B.Coal—Thos. J. Jones. Shaft, 50 ft. 1,200 tons; 175 days; 3 employes. Horse.
B.Coal—A. Olmstead. (Local.)
Stone—Palmer & Co. (Local.)
B.Coal—Scott & Davis. Shaft, 60 ft. 1,000 tons; 160 days; 3 employes. Steam.
B.Coal—Eli Sheperd. Drift, 100 ft. 600 tons; 150 days; 2 employes.
B.Coal—Thomas Thomas. Slope, 85 ft. 900 tons; 180 days; 3 employes. Horse.

CENTRALIA, Marion Co. Pop. 6,000. M.O. Tel. Ry. 138; 381; 398; 482.
B.Coal—Centralia Mining & Manufacturing Co., 1042 S. Walnut st. S. M. Warner, pres.; E. S. Condit, v. pres.; H. M. Warner, secy., gen. mgr. and buyer; F. Kohl, treas. Cap. stk., $25,000, $24,919 pd. up. No. 2 mine. Shaft, 600 ft. 117,800 tons; 248 days; 240 employes. Steam. Operate 1 mile ry.; 1 locomotive; 4 cars. P. Forsyth, M. E., mine supt.
B.Coal—Pittinger & Davis Mining & Mfg. Co. G. L. Pittinger, pres.; C. C. Davis, v. pres.; G. W. St. John, secy., treas. and buyer. Cap. stk., $30,000, pd. up. Shaft, 637 ft. 157,530 tons; 250 days; 185 employes. Steam.

CHANDLERVILLE, Cass Co. Pop. 910. M.O. Tel. Ry. 176.
B.Coal—Nelson & Jansen. Shaft, 30 ft. 1,000 tons; 225 days; 4 employes. Horse.
B.Coal—Wm. Shore. (Local.)

CHASE, Peoria Co. Ry. Laura, 30.
B.Coal—John Larson. Shaft, 35 ft. 1,800 tons; 190 days; 5 employes. Horse.
B.Coal—Andrew Matison. (Local.)

CHATHAM, Sangamon Co. Pop. 482. M.O. Tel. Ry. 154.
B.Coal—Chatham Coal Mining Co. Shaft. 10,000 tons.
B.Coal—Girard Coal Co. Shaft, 255 ft. 15,000 tons. Steam.
B.Coal—Lick Creek Coal Co. Shaft. 15,000 tons. Steam.

CHENOA, McLean Co. Pop. 1,226. M.O. Ry. 154; 855.
B.Coal—Davies Coal Co. William B. Hewitt, pres., gen. mgr. and buyer; R. E. Hewitt, secy.; W. A. Hewitt, treas. Cap. stk., $15,000, pd. up. Shaft, 465 ft. 3 veins. 8,000 tons; 300 days; 20 employes. Steam. John Ferguson, mine supt.

CHESTER, Randolph Co. Pop. 2,708. M.O. Tel. Ry. 914.
B.Coal—Barnard Coal & Trans. Co. (See Wm. Barnard.)
B.Coal—Wm. Barnard. Mine at Percy. (Barnard & Goalby.)

CHESTERFIELD, Macoupin Co. Pop. 374. M.O. Tel. Ry. 770.
B.Coal—Bremen Coal Co. Shaft, 240 ft. 12,000 tons; 120 days; 4 employes. Steam.
B.Coal—Chesterfield Coal Co. (Local.)
B.Coal—Chism & Curtis. Shaft, 30 ft. 500 tons; 70 days; 3 employes. Horse.
B.Coal—Sanford Curtis. Hodges Creek mine. Shaft, 55 ft. 6 employes.
B.Coal—J. F. Harbaugh. Slope. 200 tons; 120 days.
B.Coal—R. McCormick. Slope. 100 tons.
B.Coal—Chas. Trill. (Local.)

CHICAGO, Cook Co. Pop. 1,600,000. M.O. Tel. Rys. 30; 49; 154; 155; 156; 157; 158; 159; 160; 162; 163a; 167; 171; 174; 179; 203; 381; 451; 483; 520; 597; 686; 688; 913; 957.
Stone—Acme Bedford Stone Co., 346 W. 21st st. Sandstone.
Explosives—Aetna Powder Co. A. O. Fay, pres.; W. B. Lewis, v. pres. and gen. mgr.; R. M. Fay, secy. and treas. Cap. stk., $200,000, pd. up. Manufacturers of Blasting Powder, Dynamite and Electrical Exploders.
Screens—Robert Aitchison Perforated Metal Co., 510, 265-269 Dearborn. Manufacturers of Perforated Metals of all kinds. Battery Screens, Trommel Screens and Jigs.

CHICAGO—Continued.

Gold—Alabama Gold Belt Mining Co., 44, 70 La Salle st. Robert Fair, pres.; Hugh McIndoe, secy., gen. mgr. and buyer; J. R. Morin, treas. Cap. stk., $1,000,000. Mine at Micaville, Ala.

Machinery—The Edward P. Allis Co., 509 Home Insurance bldg. Manufacturers of mining, milling and smelting machinery, crushers, rolls, concentrators, pumps, compressors, hoists, boilers and Corliss steam engines. Works and main office, Milwaukee, Wis.

Gran.—Amberg Granite Co., 1041 Marquette bldg. W. A. Amberg, pres.; W. R. Hinsdale, secy. and gen. mgr. Cap. stk., $150,000, pd. up. Quarry at Amberg, Wis.

Machinery—American Mining & Milling Machinery Co., 208 Caxton bldg. Manufacturers of mining and milling machinery. Works and office at Cleveland, Ohio.

B.Coal—Miner T. Ames Est., 145 La Salle.

Atty.—Walter C. Anderson, suite 1208 Chamber of Commerce. General practice. Able and competent assistants. Fully equipped collection department. Notary public. Depositions taken. Reference, The Northern Trust Company.

Gold—Anglo-Californian Mining & Milling Co., 232 Clark.

Iron—Appleton Mining Co., 119 and 121 La Salle. W. H. O'Brien, gen. mgr. Mine at Loretto, Mich.

Stone—Arcadian Brownstone Co., 161 La Salle. Brown sandstone.

Gold—Argyle Gold Mining Co., 410 Chamber of Commerce bldg.

Zinc—Arkansas Mining Co., Adams Express bldg. I. H. Fry, pres.; T. W. Blatchford, v. pres.; M. W. Shanahan, secy.; H. H. Gallup, treas., gen. mgr. and buyer. Cap. stk., $20,000, $12,000 pd. up. Mine at Lionhill, Ark.

Stone—Ashland Brown Stone Co., 1006 Stock Exchange bldg. G. A. Bodenschatz, pres.; E. H. Brown, secy.; J. G. Bodenschatz, treas. Cap. stk., $100,000, pd. up. Sandstone. Quarry at Presque Isle, Wis.

Iron—Auburn Iron Co., 506 Ellsworth bldg., D. H. Bacon, pres.; C. W. Hillard, v. pres.; C. P. Coffin, secy. and treas.; G. W. Wallace, mgr. Mine at Virginia, Minn.

B.Coal—Barclay Coal Mining Co., R. 85 Hartford bldg.

Stone—Bedford Bluestone Co., 185 E. Congress. Bluestone.

Stone—Bedford Quarries Co., R. 117, 185 Dearborn.

Stone—Beigler & Ebertshaueser, 54 Division.

Gran.—Berlin & Montello Granite Co., 75 Auditorium.

Stone—Bodenschatz Bedford Stone Co., 1006 Chicago Stock Exchange bldg. G. A. Bodenschatz, pres.; E. H. Brown, secy.; J. G. Bodenschatz, treas. Cap. stk., $30,000, pd. up. Limestone quarry at Bedford, Ind.

Gold—Bonanza Cripple Creek Gold Mining Co., 1364 Monadnock bldg. R. Modjeski, pres.; Adalia Sataleski, v. pres.; H. Lubienski, secy. and gen. mgr.; N. L. Piotrowski, treas. Cap. stk., $500,000. Mines at Cripple Creek, Colo.

M.E.—Horace F. Brown, mining engineer, Manhattan Bldg.

Gold—Brown Mountain Mining Co., Exchange bldg., Union Stock Yards. A. D. Lamb, pres.; E. B. Lamb, v. pres.; Chas. Baker, secy. and treas. Cap. stk., $100,000. Incorporated under the laws of Illinois. Mine at Silverton, Colo.

Gold-S.—Geo. B. Byron, 911 Chamber of Commerce. Mines at Austin, Nevada. Gold and silver.

B.Fur.—C. A. Bunker, Royal Insurance bldg. Blast furnace.

B.Fur.—Calumet Furnace Co., South Chicago. Blast furnace. Wm. Barret Ridgely, Springfield, Ill., pres.; C. F. Stuart, v. pres.; C. H. Wilcox, secy. and treas. Cap. stk., 100,000; $50,000, pd. up. Calumet Furnace. 1 stack, 81x18 ft. Pig iron. 75,000 tons; 300 days; 150 employes. Steam. Brand, "Calumet." H. L. Witherbee, furnace supt. Selling agents, Rogers, Brown & Co.

R.M.Fur.—Calumet Iron & Steel Co., Rookery bldg. Rolling mills and furnace. Works at South Chicago.

Iron—Canton Iron Co., 506 Ellsworth bldg. D. H. Bacon, pres.; C. W. Hillard, v. pres.; C. P. Coffin, secy. and treas.; J. F. Armstrong, mgr. Mine at Biwabik, Minn.

Stone—Carbondale Brown Stone Co., 578 S. Morgan. Brown stone.

B.Coal—Central Coal & Iron Co., 112 Dearborn.

Gold—Champion Mining Co. E. E. Crepin, pres. and treas.; I. M. Hay, v. pres. and treas.; James A. Ridgway, gen. mgr. Cap. stk., $250,000, $25,000 pd. up. Claim at Mariposa, Cal. (Developing.)

Iron—Chandler Iron Co., 506 Ellsworth bldg. C. P. Coffin, pres.; J. H. Chandler, v. pres.; E. L. Merriman, secy. and treas.; John Pengilly, mgr. Mine at Ely, Minn.

B.Coal—Chicago Coal Co., 742-745 Old Colony bldg. De Witt C. De Wolf, pres. and gen. mgr.; A. A. Augustus, v. pres. and treas.; A. G. Widmer, secy.; J. W. Workman, buyer. Cap. stk., $100,000, $75,000 pd. up. Mine at Seymour, Iowa.

Silica—Chicago Floated Silica Co., 193 Michigan.

Stone—Chicago Pumice Co., 16th and Loomis sts.

B.Coal—Chicago-Virden Coal Co., 303 Western Union bldg T. C. Loucks, pres.; F. E. Halligan, v. pres.; G. F. Stodder, secy.; F. W. Lukins, treas., gen. mgr. and buyer. Cap. invested, $125,000. Mine at Virden.

B.Coal—Chicago, Wilmington & Vermillion Coal Co., 175 Dearborn.

S.Ref.—Chicago & Aurora Smelting & Refining Co., 184 La Salle St. J. B. Arnold, pres.; Wm. H. Van Arsdales, v. pres.; Jno. A. Knapp, secy.; H. H. De Loss, treas.; E. F. Eurich, gen. mgr. Cap. stk. $2,000,000. Refinery for base bullion. Smelter at Leadville, Colo. Smelting and refinery works at Aurora.

B.Coal—Chicago & Central Ohio Coal Co., 514 W. Adams.

B.Coal—Chicago & Iowa Coal Co., 746 Monadnock blk. L. L. Coburn, pres.; Alfred Cowles, secy. and treas.; W. P. Jones, gen. mgr. Cap. stk., $150,000, pd. up. Mine at Albia, Iowa.

B.Coal—Chicago & Kansas City Coal Co., 1570, 84 Van Buren st. J. A. Agee, pres. and buyer; J. A. Brahm, v. pres.; C. C. Brown, secy. Cap. stk., $40,000, pd. up. Mine at Petersburg.

Stone—Chicago & Naperville Stone Co., 812 The Temple. T. P. Phillips, pres.; F. S. James, v. pres.; D. W. Burrows, secy.; W. E. Phillips, gen. mgr. and buyer. Cap. stk., $200,000, pd. up. Limestone. Quarries at Naperville.

B.Coal—Chicago & Ohio Coal & Car Co., 1016 Chamber of Commerce.

Stone—Chicago & Vert Island Stone Co., 504 W. Monroe st. Hugh Templeton, pres. and treas.; Philip Henne, v. pres.; Cuthbert McArthur, secy.; John McArthur, gen. mgr. Cap. stk., $160,000, $80,000 pd. up. Red sandstone. Quarry at Nepigon, Ont.

Silver—Cleopatra Silver Mining Co., 4 Sherman.

Gold-S.—Cleveland Gold & Silver Mining Co., 911 Chamber of Commerce. Geo. B. Byron, pres., gen. mgr. and buyer; F. E. Manseau, De Pere, Wis., v. pres.; H. R. Erickson, Kewaunee, Wis., secy.; Louis Bruemmer, Kewaunee, Wis., treas. Cap. stk., $500,000, $400,000 pd. up. Mine at Austin, Nevada.

Gold—Coin Gold Mining Co., 1510 Marquette bldg.

Gold—Columbia Hydraulic Co., 1206 New York Life bldg. Mine at Revelstoke, B. C.

Silver—Columbia Mine (A. D. Lamb and Richard Nash, Exchange bldg., Union Stock Yards, Chicago, and J. B. Barnes, Silverton, Colo., owners). Mine at Silverton, Colo.

L.Z.—Columbian Lead & Zinc Co., 85 Dearborn.

Stone—Consolidated Stone Co., 1201-1206 Manhattan bldg.

Gold—Cresson Con. Gold Mining & Milling Co., 205 La Salle.

Gold—Daisy Gold Mining Co., R. 21, 94 Washington.

B.Coal—Dawson Coal Co., 742-745 Old Colony bldg. Albert A. Augustus, pres.; G. H. Ames, secy.; De Witt C. De Wolf, treas. and gen. mgr. Mine at Dawson, Ia.

B.Coal—Delaware Coal & Mining Co., 625 Rookery bldg. W. S. Bogle, pres., treas. and buyer; N. S. Berkland, secy.; D. Fleming, gen. mgr. Mine at Danville.

E.M.—Henry P. Dickinson, engineer of mines, 25 Quincy. Mine examinations.

As.Met.—Dickman & MacKenzie, 1224-1226 Rookery bldg. Assayers of ores, metals, mining and metallurgical products. Mining properties examined. All processes investigated and reported on.

Stone—Dolese & Shepard, 172 Washington. Crushed stone. Quarry and works at Hawthorne ave.

Lead—Druid Lead Mining Co., 23, 53 Dearborn. Mine at Warren.

Gold—Economic Gold Mining Co., 1908 Wabash ave.

Machinery—Elmore Hand Rock Drill Co., 25 Quincy st. W. J. Young, Jr., pres. and treas.; R. P. Elmore, v. pres. and supt.; H. P. Dickinson, M. E., secy. Cap. stk., $100,000, pd. up. Manufacturers of and dealers in The Elmore Hand Rock Drills.

Gold-S.—El Potrero Mining Co., 97 Exchange bldg., Union Stock Yards. N. Cochran, pres.; J. Brennock, v. pres.; J. C. Denison, secy. and treas.; Frederick S. Harris, gen. mgr. and buyer. Cap. stk., $4,000,000. Claim at Jesus Marie, Chihuahua, Mexico.

Gold—Erie Mining Co., 835 Manhattan bldg. W. M. Johnston, pres.; G. A. Singer, gen. mgr. Mine at Graniteville, Cal.

Machinery—Excelsior Iron Works, 100 N. Clinton. Manufacturers mining machinery, furnaces and concentrators.

Gold—Fair Mining & Milling Co., 70 La Salle.

Iron—Fayal Iron Co., 506 Ellsworth bldg. D. H. Bacon, pres.; C. W. Hillard, v. pres.; C. P. Coffin, secy. and treas.; G. W. Wallace, mgr. Mine at Eveleth, Minn.

Iron—J. H. Finlay. Mine at Wakefield, Mich.

B.Fur.—Florence Furnace, Rookery bldg. Blast furnace.

Machinery—Fraser & Chalmers, Fulton and Union sts. W. J. Chalmers, pres.; Thos. Sutton, secy.; Thos. Chalmers, treas.; John Walker, gen. mgr.; H. P. Young, buyer; E. T. Sederholm, chief engineer. Manufacturers of Amalgamating Plates, Crushers, Crushing Rolls, Blowers, Boilers, Boss Process, Chlorination, Cyanide, Gold Stamp and Huntington Mills; Compressors, Concentrators, Copper Converters, Engines, Frue Vanners, Hoists, Mine, Ore and Slag Cars, Pumps, Dry Placer Miners, Tramways, etc.

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CHICAGO—Continued.

Machinery—Gates Iron Works, 650 Elston ave. P. W. Gates, pres.; A. J. Gates, v. pres.; H. W. Hoyt, secy.; H. Woodland, treas.; A. E. Hoyt, buyer. Manufacturers of Rock and Ore Breakers, Stamp Mills, Concentrators, Amalgamators, Ore Cars, Smelters, Water Jackets, Roasting Furnaces, Dryers, Hoisting Engines, Cages, Engines, Stamps, Blowers, Compressors, Slag Pots and Cars, Rolls, Jigs, Retorts, etc.

M.E.G.—Leo Gluck, engineer of mines and geologist. Graduate Washington University, 1889. Late mining engineer in charge engineer's department of Spring Valley Coal Co., Spring Valley. Late Assistant State Geologist of Missouri. Mining and Consulting Engineer Ingersoll Sergeant Drill Co., 1515 Old Colony Bldg.

Gold-S.—Green Mountain Mining Co., 1545 Old Colony bldg. John L. Beveridge, pres.; Joseph R. Putnam, secy.; H. N. Hibbard, treas.; R. M. Whipple, gen. mgr. Cap. stk., $3,000,000, $2,500,000 pd. up. Claim at Montgomery, Colo. Gold and silver.

Gran.—Green Lake Granite Co., 1004 Tacoma bldg.

B.Coal—Green Ridge Coal Co., 175 Dearborn. C. L. Dering, pres.; Wm. Burry, v. pres.; J. S. Chipman, secy.; J. W. Lowe, treas.; E. C. Smith, gen. mgr. and buyer. Cap. stk., $150,000, pd. up. Mine at Girard.

G.S.L.—Gurney Mining & Milling Co., 407 Monadnock bldg. Chas. Miller, pres.; C. E. Schauffler, secy and treas.; Gilbert Gurney, gen. mgr. and buyer. Cap. stk., $1,000,000. Mine at Topia, Mexico. Gold, silver and lead.

Rubber—The Gutta Percha & Rubber Manufacturing Co., 96 and 98 Lake. Manufacturers of Belting, Hose, Packings, Valves, Concentrator Belts and Mechanical Rubber goods generally. John H. Brown, manager. (See also New York City.)

Gold-S.—I. K. Hamilton, Loomis and 22nd sts.

Gran.—Hammill Fire Escape Co., 43, 162 La Salle. A. G. Savage, pres.; C. K. Luce, secy.; F. M. Savage, gen. mgr. and buyer. Cap. stk., $10,000, pd. up. Granite. Quarry at Baraboo, Wis.

Gold—Haydon Mining & Milling Co., R. 29, 163 Randolph.

Gold—Hopewell Placer Mining Co., 396½ Jackson blvd.

As.Sup.—W. Hoskins, 81 S. Clark st. Manufacturer of portable, automatic, economical, dustless and ashless Patent Hydro-Carbon Blow-Pipe and Assay Furnaces. Assayers' supplies

Gold-S.—Idaho Mining Co., Ltd., 214-36 La Salle. Gold and silver.

Gold-S.—Idaho Mining and Developing Co., Lake and La Salle. John F. Palmer, pres.; John S. Driver, secy. and treas.; Edw. Juessen, M. E., gen. mgr. Gold and silver. Mine at Elk City, Idaho.

Lead—Illinois Fluor-Spar & Lead Co., 57 Board of Trade.

B.Coal—Illinois Fuel Co., 720 W. Union bldg.

Roll.M.—Illinois Steel Co., Rookery bldg. J. W. Gates, pres.; W. R. Stirling, 1st v. pres.; Robt. Forsyth, 2nd v. pres.; H. A. Gray, secy. and treas.; L. D. Doty, buyer. Cap. stk., $50,000,000, $18,650,635 pd. up. Rolling mills at Chicago, Joliet and Milwaukee.

Stone—Illinois Stone Co., W. 22d, cor. Lumber st.

Stone—Indiana Oolitic Limestone Co., 161 La Salle. J. W. Griswold, pres. and treas.; C. C. Griswold, secy.; R. M. Spencer, gen. mgr. Cap. stk., $100,000, pd. up. Limestone. Quarry at Stinesville, Ind.

Drills—Ingersoll-Sergeant Drill Co., Old Colony Bldg. Rock Drills, Stone Channelling Machines, Air Compressors. New York office, Havemeyer Bldg.

G.S.C.—Interstate Gold, Silver & Copper Co., 115 Dearborn.

Gold—Interstate Gold Mining Co., 2813 Dearborn.

B.Fur.—Iroquois Furnace Co., Rookery bldg. Blast furnace.

B.Coal—Jerva Block Coal Co.

Gold—Jessie Gold Mining & Milling Co., 201 Lake.

Stone—Joliet Pioneer Stone Co., 330 5th ave. Wm. L. Kerber, pres.; John F. Pearce, v. pres.; Wm. Davidson, secy., treas., gen. mgr. and buyer. Cap. stk., $225,000, pd. up. Limestone. Quarries at Joliet.

Kaol.—Kaolin Mining Co., 807 Chamber of Commerce.

Stone—Kearns, Prendergast & Bender, 159 La Salle. Cap. invested, $75,000. Limestone. Quarries at Lockport and Joliet.

Supplies—S. D. Kimbark, Michigan ave. and Lake st. Wholesale jobber in Iron, Steel, Nails, Heavy Hardware, Picks, Shovels, Wheelbarrows, Handles, Chain, Bolts, Nuts, etc.

Stone—Keyes & Thatcher, 402, 87 Washington.

Stone—Kimbell & Cobb Stone Co., 1220 Chamber of Commerce.

Gold—King Mining Co., 146 La Salle. Maj. C. H. Tebbetts, pres.; Capt. H. H. Henshaw, v. pres.; Col. M. D. Birge, secy. and gen. mgr.; Hon. Birney Hoyt, treas. Cap. stk., $300,000, pd. up. Mine at Twin Bridges, Mont.

Roll.M.—King & Andrews Co., 218-22 N. Union. Rolling mill.

Me.E.—F. B. Knight. Mechanical Engineer. With Lidgerwood Mfg. Co., 1510 Old Colony Bldg.

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CHICAGO—Continued.

Stone—L'Anse Brown Stone Co., 1046 Marquette bldg. W. A. Amberg, pres.; W. H. O'Brien, secy.; J. Ward Amberg, treas. Cap. stk., $100,000. Mine at L'Anse, Wis.

Wire Rope—A. Leschen & Sons Rope Co., Marquette bldg. Manufacturers of patent Flat Strand and Hercules Rope, Plow Steel, Crucible Steel, and Galvanized Guy Ropes.

Machinery—The Lidgerwood Manufacturing Co., 1510 Old Colony bldg. Manufacturers of Hoisting Engines, Boilers, Suspension Cableways, Logging Machines and Railroad Rapid Ballast Unloader. M. R. Williams, mgr. (See New York city for main office and factory.)

Gold-S.—Little Emily Mining & Milling Co., 148 Market st. William Jackson, pres.; F. W. Farwell, secy.; John A. Wilson, gen. mgr. Gold and silver. Mine at Benton, Cal.

Stone—Lord & Griswold, 26, 161 La Salle.

Iron—Loretto Iron Co., 1040, 204 Dearborn. D. F. Bremner, pres.; W. H. O'Brien, secy. and gen. mgr.; W. A. Amberg, treas. Cap. stk., $400,000, $360,000 pd. up. Mine at Loretto, Mich.

Gold-S.—Lulu Mining & Milling Co., R. 703, 114 Dearborn. Gold and silver.

Gold-S.—John Mackin and John J. Philbin, Jr., 87 N. State. J. R. Murphy, M. E., buyer. Gold and silver. Mine at Prescott, Ariz.

As.Ch.—Mariner & Hoskins, analytical and consulting chemists, assayers and ore samplers, 81 S. Clark st. Examine and report on mining properties. Estimate on opening and development of properties. Furnish plans for mining plants, mills and concentrators, and general economic management of mining enterprises. New processes investigated. Consultation on all subjects connected with mining.

Lime—Marblehead Lime Co., 12-14 S. Canal.

Mb.On.—Mexican Marble & Onyx Co., 59 Dearborn.

Lead—Mineral Point Zinc Co., 1206 Ashland blk.

Gran.—Minnehaha Granite Co., 311, 84 La Salle. W. B. Holton, pres.; C. E. Shreve, v. pres.; Fred Stafford, secy. and treas. Cap. stk. $50,000. Quarry at Rowena, S. D.

B.Fur.—Minnesota Blast Furnace Co., Rookery bldg.

Iron—Minnesota Iron Co., 506 Ellsworth bldg. D. H. Bacon, pres.; Henry Leibert, v. pres.; C. P. Coffin, secy.; A. J. Paterson, treas; Edwin Ball, mgr. Mine at Tower, Minn.

G.S.—Montezuma Gold Mining & Milling Co., 540 Monadnock bldg. Gold and silver.

S.Ref.—National Smelting & Refining Co., 520-523 Western Union bldg. Barton Sewell, pres.; Marshall F. Holmes, v. pres.; F. B. F. Rhodes, supt. Works at So. Chicago. Smelters and refiners of gold, silver, lead and copper. Base bullion. Manufacturers of blue vitriol. Ore buyers.

B.Coal—New Kanawha Coal & Mining Co., 325 Dearborn. Geo. H. Taylor, pres.; Lorraine F. Bowyer, v. pres.; Martin De Tamble, secy.; Jesse L. Moss, treas. Cap. stk. $150,000, pd. up. Mine at Brazil, Ind.

B.Coal—New Kentucky Coal Co., 204 Dearborn st. P. D. Whitehead, pres.; M. H. Walker, v. pres.; T. J. Whitehead, secy. and treas. Cap. stk. $150,000. Mine at Lyford, Ind.

B.Coal—New Pittsburg Coal & Coke Co., 89 Madison st. D. M. Cummings, pres.; Jno. K. Seifert, M. E., secy., treas., gen. mgr. and buyer. Cap. stk. $300,000, pd. up. Mine at New Pittsburg, Ind.

G.S.—New Silver Crown Mining Co., 806 Tacoma bldg. Gold and silver.

Smelt.—New Tintic Mining & Smelting Co., 86 Lake.

B.Coal—Northern Fuel Co., 1208, 355 Dearborn. W. K. Doty, pres.; C. Cohenour, secy. and treas.; F. S. Knox, gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Mine at Jacksonville, Ohio.

Silica—Nottingham Silica Mining Co., 703 Western Union bldg. W. O. Hills, E. Nottingham, N. H., pres.; R. S. Merrill, Scotland, Mass., v. pres.; F. V. Chase, secy.; C. F. Quincy, treas. and gen. mgr. Mine at East Nottingham, N. H.

Gold-S.—Oro Dell Mining & Milling Co., 225 Dearborn. Gold and silver.

B.Coal.—Oskaloosa Coal & Mining Co., 742-745 Old Colony bldg. Ernest A. Gibbs, pres.; De Witt C. De Wolf, v. pres.; W. A. Seams, treas.; L. R. Rosebrook, gen. mgr; H. W. Funk, buyer. Cap. stk. $100,000.

B.Coal—Ozark Mining Co., 95 Washington.

Asph.—Pacific Asphalt Co., 509 Chamber of Commerce. Robert Eines, pres.; F. O. Blake, v. pres.; L. J. Lamson, secy. and treas.; A. N. Millspaugh, supt. Asphalt rock. Quarry at Santa Marie.

Supplies—Parkhurst & Wilkinson, 142 to 164 Kinzie st. J. J. Parkhurst, gen. mgr. Cap. stk. $400,000 pd. up. Mining cars, tubular barrows, charging barrows, shovels, picks, handles, wire cloth, wire rope, manilla rope, wagon material and steam pumps.

Gold-S.—Parmelee Ore Concentrating Co., 115 Monroe. Samuel G. McCausland, pres.; Charles H. Crane, v. pres.; W. L. Ephlin, secy. and treas. Cap. stk.

CHICAGO—Continued.

$30,000, pd. up. Gold and silver. Mine at Copley, Cal.

Phos.—Pasco Phosphate Co., Monadnock bldg.

B.Coal—Pawnee Coal Co., 671 Rookery bldg. Bernard Himrod, pres. and gen. mgr.; P. W. McKay, secy. and treas. Cap. stk. $25,000 pd. up. Mine at Westville.

Stone—Phoenix Stone Co., 35 Lawrence.

B.Coal—Pittsburgh & Western Coal & Coke Co., 119 Dearborn St. W. P. Rend, pres. Cap. stk. $300,000, pd. up. Mines at McDonald and Reissing, Pa.

Stone—Portage Entry Quarries Co., 907 Security bldg. Henry Furst, pres.; Peter W. Neu, v. pres.; E. T. Malone, secy.; John Tomlinson, gen. mgr. Cap. stk. $1,000,000 pd. up. Sandstone. Quarries at Jacobsville and Marquette, Mich.

Gold-S.—Quartz Creek Mining & Milling Co., 175 Dearborn. Gold and silver.

B.Coal—Quesnella Mining Co., 177 40th.

Stone—Rawle & Diener, 578 S. Morgan. Limestone. Quarry at Clear Creek, Ind.

Gold-S.—Red Mt. Mining, Milling & Smelting Co., 93 5th ave. Gold and silver.

B.Coal—W. P. Rend & Co., 119 Dearborn St.

Explosives—E. S. Rice, 52 Wabash Avenue. Powders and explosives, fuse, batteries.

B.Coal—Riverton Coal Co., 1570-84 Van Buren st. A. A. Jess, pres.; W. B. Jess, secy.; J. A. Agee, gen. mgr. Cap. stk. $40,000, pd. up. Mine at Riverton.

Marb.—St. Lawrence Marble Company, 2415 Michigan ave. John Benham, pres., treas. and gen. mgr.; J. W. Griswold, 1st v. pres.; M. M. Belding, Jr., 2d v. pres.; John R. Emery, sec. Quarry at Gouverneur, N. Y.

Gold—Silver Islet Mining & Milling Co., 4 Sherman.

Smelt.—Sinaloa Smelting & Refining Co., 1103-188 Madison. Smelters.

Gran.—Smith Granite Co., 104 Pullman bldg.

Chem.—R. B. Smith, chemist, 1556 West Adams. Practical Clay Tester.

Gold-S.L.—E. G. Stiles, 130 Dearborn st. Gold, silver and lead. Mine at Breckenridge, Colo.

Stone—Stinesville Stone Co., 907 Security bldg. C. O. Malone, pres.; E. J. Stamm, v. pres.; E. T. Malone, secy.; Peter A. Pickle, treas.; P. B. Parker, gen. mgr. Cap. stk. $100,000, pd. up. Sandstone. Quarry at Stinesville, Ind.

B.Coal—Teegarden Coal Co., 108 Washington.

Stone—Thomlinson Stone Co., 35th place and Stewart ave.

B.Coal—Thunderbolt Mining Co., 13 Auditorium.

G.C.—Trail Mining Co., 1206 New York Life bldg. H. P. Mason, pres.; G. E. Milligan, secy.; R. C. McKirney, treas.; A. B. Irwin, Rossland, B. C., gen. mgr. and buyer. Cap. stk. $250,000; $102,500 pd. up. Gold and copper. Mine at Rossland, B. C.

Marb.—Verde Antique Marble Co., 1112, 100 Washington. (A. C. Maclauchlan, prop'r.) Quarry at Holly Springs, Ga.

Stone—Vernon Brownstone Co., 1103 Chamber of Commerce bldg. Horace G. Chase, pres.; Sylvester Marshall, v. pres.; S. M. Chase, secy. and treas. Quarries at Glenrock, Wyoming.

B.Coal—Vigo Coal Co. L. R. Doty, pres.; J. D. Hurd, v. pres.; C. Cohenour, secy. and treas.; J. C. Martin, buyer. Cap. stk. $25,000, pd. up. Mine at Foleys, Ind.

Mica—W. E. Walsh.

Asph.—Wasatch Asphalt Co., 409 Rookery.

B.Coal—Watson, Little & Co., 77 Hartford bldg. Mines at Brazil and Farnsworth, Ind.

B.Coal—Henry E. Weaver, 204 Dearborn.

B.Fur.—Western Furnace Co., Rookery. Blast furnace.

Stone—Western Plaster Works.

Stone—Western Stone Co., 320 Chamber of Commerce. M. B. Madden, pres.; C. B. Kimball, v. pres.; J. E. Lindquist, secy.; T. A. Heineman, treas.; W. F. Singer, buyer. Cap. stk. $2,250,000, pd. up. Limestone. Quarries at Joliet, Lemont and Lockport. Operate 5 miles ry.; 2 locomotives; 16 cars; 24 canal boats; 6 steamers, and 1 tug.

B.Coal—Whitebreast Fuel Co., 940 Rookery bldg. Paul Morton, pres.; Glenn W. Traer, v. pres. and treas.; C. E. Phelps, secy.; T. J. Phillips, gen. supt.; Geo. F. Bartlett, Jr., buyer. Mines at Ladd, Dunfermline, Bryant and St. Davids, Ill.; Keb, Chisholm, Forbush and Pekay, Iowa.

B.Fur.—Wisconsin Furnace Co., 68-70 Dearborn.

Gold-S.—Wyandotte Mining, Milling & Smelting Co., 49 La Salle. Gold and silver.

B.Coal—J. S. Wylie, 426-428 Marquette bldg.

An.Ch.—Prof. J. Dunraven Young. Analytical chemist and assayer. In charge Metallurgical division Chemistry department Armour Institute of Technology. Director Chicago School of Assaying. Assays and analyses of Ores, Fuels, Alloys, Cements, Pig Iron, Steel and Metallurgical products generally. Mines and mining properties examined and reported on. Office and Laboratories, 1760 and 1761 Monadnock Bldg.

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CHICAGO HEIGHTS, Cook Co. M.O. Tel. Ry. 155; 282; 520.

Roll.M.—Inland Steel Co. J. E. Porter, pres.; G. H. Jones, v. pres.; J. H. Porter, secy.; P. D. Block, treas. Cap. stk. $130,000, pd. up. Rolling mill. Two heating furnaces; one train roll, 14 inches; 18,000 tons. Steam.

CHILLICOTHE, Peoria Co. Pop. 1,650. M.O. Tel. Ry. 30; 179.

B.Coal—Joseph Crew. Crew's mine. Slope 150 ft.; 800 tons; 200 days; 2 employes.

B.Coal—Robt. Crew. Coal Hollow mine. Slope, 160 ft.; 600 tons; 250 days; 3 employes.

CLINTON, Dewitt Co. Pop. 2,598. M.O. Tel. Ry. 381.

B.Coal—Clinton Mining Co., Clinton.

COAL CITY, Grundy Co. Pop. 1,680. M.O. Tel. Ry. 30; 154; 282.

B.Coal—W. B. Sufferin. (Local.)

B.Coal—Wilmington Star Mining Co. Nos. 3 and 5 shafts. 128 and 115 ft.; 100,500 tons; 197 days; 265 employes. Steam.

COAL VALLEY, Rock Island Co. M.O. Tel. Ry. 744. Banking town Rock Island.

B.Coal—Bardsley & Lee. (Local.)

B.Coal—Black Diamond Coal Co. Shaft. 4,000 tons; 200 days; 10 employes. Steam.

B.Coal—Wm. Cook. (Local.)

B.Coal—M. Curry. (Local.)

B.Coal—Thos. Lees. Drift. 500 tons; 100 days; 3 employes.

B.Coal—Park & Hillier. (Local.)

B.Coal—Wm. Pomperine. (Local.)

B.Coal—John J. Pryce. Slope 75 ft.; 4,500 tons; 180 days; 15 employes. Steam.

B.Coal—Wm. Sackville. (Local.)

B.Coal—Robt. Summerson. Slope. 2,500 tons; 200 days; 9 employes. Horse.

B.Coal—Twomley & Lewis. (Local.)

B.Coal—Fred Vonach.

COALVILLE JUNCTION, Livingston Co. Pop. 130. P.O. Streator. Ry. 30.

B.Coal—T. Edwards. Cap. $5,000. Shaft, 60 ft.; 10 employes. Horse.

COFFEEN, Montgomery Co. Pop. 518. M.O. Tel. Ry. 887. Banking town Eleanor.

C.C.—Coffeen Coal & Copper Co. Shaft, 570 ft. 50,000 tons; 200 days; 80 employes. Steam.

COLCHESTER, McDonough Co. Pop. 1,645. M.O. Tel. Ry. 167.

B.Coal—Lewis Atkinson. Drift, 40 ft. 400 tons; 120 days; 4 employes.

B.Coal—John Averill. Shaft. 2 employes.

B.Coal—Wm. Baker. Drift. 3 employes.

B.Coal—Barber & Barritt. Drift. 600 tons; 100 days; 5 employes.

B.Coal—Benj. Barritt. Shaft, 40 ft. 200 tons; 75 days; 3 employes. Horse.

B.Coal—Beard & Son. Drift. 2 employes.

B.Coal—Booth & Fox. Drift. 200 tons; 2 employes.

B.Coal—Sam'l Bright. (Local.)

B.Coal—Geo. Carrison. Drift. 400 tons; 120 days; 4 employes.

B.Coal—Thos. Cochrane. Shaft, 60 ft. 600 tons; 200 days; 4 employes. Horse.

B.Coal—Colchester Coal & Mining Co. A. J. Smith, pres.; Jas. Parnall, secy. and treas.; W. E. Stanton, gen. mgr. Cap. stk. $10,000. "A" mine, 50 employes. Steam. Ry switch; ¾ mile.

B.Coal—Amos Eben. Drift, 40 ft. 750 tons; 150 days; 5 employes.

B.Coal—B. Egerton. (See Egerton Coal Co.)

B.Coal—Egerton Coal Co. Shaft, 65 feet; 25 employes. Steam.

B.Coal—Newman Foster. Drift. 150 tons; 100 days.

B.Coal—Gibson & Smith. (Local.)

B.Coal—Godfrey Bros. H. Godfrey, mgr. and buyer.; A. Godfrey, treas. Slope, 800 ft. 3,200 tons; 300 days; 7 employes. Henry Godfrey, mine supt.

B.Coal—Reed Gordon, Shaft, 35 ft. 2 employes.

B.Coal—Thos. Gordon. (Local.)

B.Coal—Eli Hilliard. (Local.)

B.Coal—James Heppenstall. Drift. 400 tons; 170 days; 3 employes.

B.Coal—Wm. Hodgson. (Local.)

B.Coal—Michael Humes. (Local.)

B.Coal—Jno. Hunter. (Local.)

B.Coal—W. T. Jefferson. (Local.)

B.Coal—S. Justin. (Local.)

B.Coal—Moses King. (Local.)

B.Coal—Thos. Kipling. (Local.)

B.Coal—Wm. Kipling. Drift. 3 employes.

B.Coal—Lowrey & Hoar. (Local.)

B.Coal—Wm. McIntosh. (Local.)

COLCHESTER—Continued.
B.Coal—Jos. Moon. (Local.)
B.Coal—Ben Nelson. (Local.)
B.Coal—John Pearson. (Local.)
B.Coal—Polonna & Co. (Local.)
B.Coal—Wm. Porter & Son. Shaft, 35 ft. 6 employes.
B.Coal—J. H. Roberts. (Local.)
B.Coal—William Robinson. Shaft, 50 ft. 1,000 tons; 150 days; 3 employes. Horse.
B.Coal—Jacob Ryan. Drift. 400 tons; 100 days; 5 employes.
B.Coal—Samuel Samuelson. Shaft. 2 employes.
B.Coal—James Sherebine. (Local.)
B.Coal—David Sherline. Shaft, 35 ft. 1,600 tons; 150 days; 10 employes. Horse.
B.Coal—Geo. Smith. Drift. 1,400 tons; 200 days; 6 employes.
B.Coal—Stevens & Wagle. Drift. 1,600 tons; 300 days; 6 employes.
B.Coal—L. H. Vest. Shaft. 3,000 tons; 300 days; 6 employes. Horse.
B.Coal—George Wakefield. Drift. 3 employes.
B.Coal—Michael Whalen. (Local.)
B.Coal—Peter Whalen. Shaft, 30 ft. 200 tons; 100 days; 3 employes. Horse.
B.Coal—Robert Whalen. Drift. 200 tons; 100 days; 2 employes.
B.Coal—W. D. Williams. Shaft, 40 ft. 1,600 tons; 225 days; 5 employes. Horse.
B.Coal—Thos. Wilson. Drift. 250 tons; 100 days; 2 employes.

COLFAX, McLean Co. Pop. 825. M.O. Tel. Ry. 381.
B.Coal—Colfax Coal & Mining Co. Shaft, 400 ft. 53,300 tons; 220 days; 95 employes. Steam.
B.Coal—Vernon Coal Co.

COLLINSVILLE, Madison Co. Pop. 3,948. M.O. Tel. Ry. 870.
Zinc—Collinsville Zinc Co.
B.Coal—Consolidated Coal Co., St. Louis, Mo. Abbey No. 3 and Heintz Bluff mines. Shafts, 150 and 170 ft. 260,000 tons; 175 days; 280 employes. Steam.
B.Coal—O. Lumaghi. Shaft, 170 ft. 70,000 tons; 180 days; 55 employes.

COLONA STATION, Henry Co. Pop. 300. Tel. Ry. 167; 179. Banking town Geneseo.
B.Coal—J. W. Griffith. (Local.)
B.Coal—C. Maynard. (Local.)

COULTERVILLE, Randolph Co. Pop. 598. M.O. Tel. Ry. 138; 767.
B.Coal—Coulterville Mining Co. Shaft, 325 ft. 11,000 tons; 118 days; 40 employes. Steam.

CRAB ORCHARD, Williamson Co. Pop. 300. M.O. Banking town and Ry. Marion, 175.
B.Coal—W. A. Chaney. Crab Orchard mine. Tunnel. 400 tons; 100 days; 2 employes. (Local.)
B.Coal—Ann Edwards. (Local.)
B.Coal—E. E. Ensminger. Ensminger mine. Drift. 800 tons; 3 employes.
B.Coal—Crossley & Huddston. Drift, 60 ft. 1,200 tons; 200 days; 4 employes.
B.Coal—Geo. F. Motsinger. Drift, 60 ft. 1,800 tons; 180 days; 5 employes.

CRAINVILLE, Williamson Co. Pop. 204. Ry. 667.
B.Coal—Young & Reynolds. Drift. 3,500 tons; 200 days; 6 employes.

CUBA, Fulton Co. Pop. 1,115. M.O. Tel. Ry. 323; 855.
B.Coal—Bartlett & Bradley. (Local.)
B.Coal—Peter Bull. (Local.)
B.Coal—Cuba Union Coal Co. Cuba mine. Shaft.
B.Coal—John Hamilton. (Local.)
B.Coal—Jno. Johnson. (Local.)
B.Coal—J. M. Laws. (Local.)
B.Coal—W. Nicholson & Son. Star mine. Tunnel. (Local.)
B.Coal—Wm. Rutherford & Co. Shaft, 65 ft. 30,000 tons; 200 days; 90 employes. Steam.
B.Coal—Union Coal Co. (Local.)

CUTLER, Perry Co. Pop. 150. M.O. Tel. Ry. 913. Banking town Pinckneyville.
B.Coal—Barwell mine.
B.Coal—John B. Maynard. Cap. $1,500. Shaft, 110 ft. 4,000 tons; 150 days; 2 employes. Horse.

DAHLGREN, Hamilton Co. Pop. 301. M.O. Tel. Ry. 479.
B.Coal—T. D. McGinnis. (Local.)
B.Coal—J. R. Yates & Co. Dahlgren mine. Open pit. 680 tons; 90 days.

DANVILLE, Vermilion Co. Pop. 11,491. M.O. Tel. Ry. 155; 203; 913.
B.Coal—Aldridge Bros. (See John and W. R.)

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DANVILLE—Continued.
B.Coal—John Aldridge. Drift, 70 ft. 2,500 tons; 180 days; 5 employes. Horse.
B.Coal—W. R. Aldridge. Drift, 60 ft. 2,000 tons; 190 days; 5 employes. Horse.
B.Coal—Elmer Allison, 608 Chandler st. Allison Coal Banks. Tunnel. 2,000 tons; 200 days; 3 employes.
B.Coal—Lewis Baker. (Local.)
B.Coal—John Barton. (Local.)
B.Coal—John Beard. 500 tons; 60 days; 2 employes.
B.Coal—Geo. W. Benson. (Local.)
B.Coal—Abraham Bolton. Drift. 1,800 tons; 180 days; 3 employes. Horse.
B.Coal—A. M. Bushong. Mine at Grape Creek.
B.Coal—Consolidated Coal Co., St. Louis, Mo. Danville No. 4 mine. Shaft. 150,000 tons; 140 days; 275 employes. Steam.
B.Coal—Jas. A. Covey. (Local.)
B.Coal—Orion Daniels. 700 tons; 150 days; 2 employes. Horse.
B.Coal—Danville Mining Co.
B.Coal—Delaware Coal & Mining Co., 625 The Rookery, Chicago. No. 1 and 2 mines. Tunnel. 150,000 tons; 200 employes. John Felker, mine supt.
B.Coal—Henry Ditman. (Local.)
B.Coal—Wm. Dobbins. 1,800 tons; 150 days; 4 employes. Horse.
B.Coal—Economy Coal & Mining Co. (Local.)
B.Coal—T. D. Frazee. (Local.)
B.Coal—John Gray. Drift. 4,500 tons; 200 days; 9 employes. Horse.
B.Coal—Albert Hall. (Local.)
B.Coal—Geo. Hodgen. Shaft, 45 ft. 800 tons; 125 days; 4 employes. Horse.
B.Coal—Jenkins Bros. Drift. 5,400 tons; 225 days; 12 employes. Horse.
B.Coal—J. S. Lee. Drift. 700 tons; 110 days; 4 employes.
B.Coal—Wm. L. Le Warn. (Local.)
B.Coal—Llewellyn & Son. (Local.)
B.Coal—Elisha Lloyd. Shaft. 4,500 tons; 200 days; 12 employes. Horse.
B.Coal—John E. Lloyd. Drift. 7,500 tons; 210 days; 16 employes. Horse.
B.Coal—Mauck Bros. (Local.)
B.Coal—North Fork Coal Co., 209 Railroad st. H. Lloyd, pres. and secy.; E. D. Lloyd, treas. and buyer. Cap. $10,000, pd. up. North Fork mine. Slope. 10,000 tons; 22 employes. Evan Lloyd, mine supt.
B.Coal—Sylvester Parl. Drift. 700 tons; 200 days; 2 employes. Horse.
B.Coal—Louis Pickon. Drift. 1,000 tons; 175 days; 4 employes. Horse.
B.Coal—Wm. Ray, Logan ave. Fairchild's mine. Tunnel, 150 ft.; 1,000 tons; 200 days; 4 employes.
B.Coal—Wm. Reilly. (Local.)
B.Coal—Wm. Shaffer. (Local.)
B.Coal—Stansbury & Watkins. Drift. 8,000 tons; 200 days; 10 employes. Horse.
B.Coal—John Swanson. (Local.)
B.Coal—James Thomas. Drift. 850 tons; 145 days; 3 employes.
B.Coal—J. H. Toph. (Local.)
Stone—Vermillion Sand Stone Co. Sandstone.
B.Coal—George Watts. Drift. 1,800 tons; 175 days; 6 employes. Horse.
B.Coal—C. D. Williams. Slope. 14,600 tons. Horse.

DECATUR, Macon Co. Pop. 16,841. M.O. Tel. Ry. 381; 384; 668; 870; 913.
B.Coal—Decatur Coal Co. Nos. 1 and 2. Shafts, 615 ft. 177,000 tons; 250 days; 300 employes. Steam.

DELHI, Jersey Co. Pop. 120. M.O. Ry. 154. Banking town Jerseyville.
B.Coal—John Bauereissen. Shaft, 40 ft. 650 tons; 200 days; 3 employes. Horse.
B.Coal—Jno. Motley. Slope. 150 tons.

DE SOTO, Jackson Co. Pop. 376. M.O. Tel. Ry. 381. Banking town Carbondale.
B.Coal—Big Muddy Coal & Coke Co. Shaft, 170 ft. 20 employes.

DIAMOND, Grundy Co. Pop. 375. M.O. Banking town and Ry. Braidwood, 154.
B.Coal—Wilmington Coal Mining & Manufacturing Co. No. 4 shaft. 160,000 tons; 120 days; 525 employes. Steam.

DUBOIS, Washington Co. Pop. 304. M.O. Ry. 381. Banking town Ashley.
B.Coal—Adam Kuhn. Shaft, 300 ft. 16,000 tons; 150 days; 30 employes. Steam.
B.Coal—J. D. Schwind. (Local.)

DUNCAN'S MILLS, Fulton Co. Pop. 100. Banking town and Ry. Lewiston, 167.
B.Coal—Marshall Bellows. Drift. 200 tons.
B.Coal—S. P. Snyder. Drift. 200 tons.
B.Coal—J. Winchell. (Local.)

DUNFERMLINE, Fulton Co. Pop. 100. Ry. 382a. Banking town Canton.
B.Coal—Wm. Jordon. (Local.)
B.Coal—Whitebreast Fuel Co., 940 Rookery bldg, Chicago. Mine "C." Shaft, 80 ft. 120,000 tons; 190 days; 250 employes. Steam. Alex. Jenkins, mine supt.

DUQUOIN, Perry Co. Pop. 4,052. M.O. Tel. Ry. 381; 667.
B.Coal—Richard Baillie.
B.Coal—Duquoin Coal Mining Co.
B.Coal—Duquoin Union Coal Co. J. M. Browning, pres.; C. McKinley, v. pres.; C. A. Wall, secy.; L. S. Smith, treas.; F. V. Nettleton, buyer and supt. Browning, Enterprise, Egyptian and Excelsior mines. Shafts, 45 to 65 ft.; 500 employes. Steam.
B.Coal—Egyptian Coal Mining Co. Shaft, 90 ft. 30,000 tons; 140 days; 25 employes. Steam.
B.Coal—Enterprise Coal & Coke Co. (See Duquoin Union Coal Co.)
B.Coal—Excelsior Coal & Mining Co. Shaft, 70 ft. 30,000 tons; 120 days; 50 employes. Steam.
B.Coal—Greenwood Coal Co. Shaft, 55 ft. 25,000 tons; 75 days; 56 employes. Steam.
B.Coal—Horn Colliery Co. Shaft, 85 ft. 65,000 tons; 120 days; 130 employes. Steam.
B.Coal—Jupiter Mining Co. Shaft, 45 ft. 70,000 tons; 115 days; 125 employes. Steam.
B.Coal—Nicholson & Co. (Local.)
B.Coal—Perry County Coal Mining Co. Don Onstott, pres.; A. M. Revelle, secy.; Robt. Winn, gen. mgr. and buyer. Cap. stk. $14,300, pd. up. 50,000 tons; 160 days; 50 employes. Steam.
B.Coal—Pope Mining Co. B. F. Pope, Jr., pres.; B. W. Pope, secy.; P. D. Miffin, treas.; J. D. Buchan, gen. mgr. Shaft, 40 ft. Steam. M. Durkin, mine supt.
B.Coal—Superior Coal Mining Co., St. Louis, Mo. Shaft. 12,000 tons; 130 days; 35 employes. Steam.

EAST ALTON, Madison Co. M.O. Tel. Ry. 203.
B.Coal—Alton Stoneware & Fire-Brick Co. Mine for own use.
B.Coal—Stoneware Pipe Co. Mine for own use.

EAST PEORIA, Tazewell Co. M.O. Ry. 445; 855. Banking town Peoria.
B.Coal—Becker Bros. Cap. $3,500. Shaft, 65 ft. 6,500 tons; 120 days; 9 employes. Horse.
B.Coal—P. Beetler & Co. Cap. $1,000. Shaft, 80 ft. 5,000 tons; 150 days; 8 employes. Horse. E. C. Ansbaugh, mine supt.
B.Coal—Doering & Co. Doering mine. Shaft, 65 ft. Opened Nov. 1st, 1895.
B.Coal—East Peoria Coal Co. John L. Jones, pres.; M. Lea, secy.; E. C. Sloan, M. E., treas. Cap. $5,000. East Peoria mine. Slope, 100 ft. 10,000 tons; 275 days; 12 employes. Steam. E. C. Sloan, M. E., mine supt.
B.Coal—Franks & Beedly. (John Franks and Philip Beedly.) Shaft, 5,000 tons; 135 days; 10 employes.
B.Coal—Aug. Gablehousen. Shaft, 80 ft. Horse. Opened Nov., 1895.
B.Coal—Reynolds & Williams. Cap. $2,500. Slope, 120 ft. 4,000 tons; 200 days; 6 employes. Steam. Wm. Reynolds, M. E., mine supt.
B.Coal—J. C. Rusche. (See Rusche Bros.)
B.Coal—Rusche Bros. Cap. $3,500. Slope, 100 ft. 8,000 tons; 250 days; 15 employes. Horse. Chris. Rusche, mine supt.
B.Coal—Jacob Schmidt. (Local.)

EAST ST. LOUIS, Saint Clair Co. Pop. 15,169. M.O. Tel. Ry. 154; 167; 176; 203; 277a; 479; 482; 545; 667; 763; 870; 887; 913.
Lead—Blendville Mining & Milling Co.
Lith.Stone—Central Lithographic Stone Co. Chas. James, pres.; A. J. Kletzker, v. pres.; Chas. E. Wehner, secy.; Jno. C. Bensick, treas. Cap. stk. $200,000. Quarry at Thebes, Ill., not operated.
Stone—Niemes & Reimann.
Gold-S.—Robinson Bar Mining Co.
Smelt.—St. Louis & Colo. Smelting Co.
Stone—Stolte, Caspar & Son.
Stone—P. N. Trudell.
Roll.M.—Tudor Iron Works, St. Louis, Mo. Steam.

EDINBURG, Christian Co. Pop. 806. M.O. Tel. Ry. 50.
B.Coal—Edinburg Coal Mining Co. Greenwood mine. Shaft, 365 ft. 20,000 tons; 160 days; 35 employes. Steam.

EDWARDS, Peoria Co. Pop. 176. Tel. Ry. 167. Banking town Peoria.
B.Coal—Chas. Edwards.
B.Coal—Howorth & Taylor. Drift. 40,000 tons; 200 days; 60 employes. Horse.
B.Coal—Chas. Kinsley. (Local.)
B.Coal—Chas. Kramer & Co. Drift. 20,000 tons; 200 days; 45 employes. Horse.
B.Coal—C. B. Kramm.
B.Coal—Wm. Lonsdale. (Local.)
B.Coal—Richard Pillman. (Local.)

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EDWARDSVILLE, Madison Co. Pop. 3,561. M.O. Tel. Ry. 176; 887; 913.
B.Coal—Wolf Bros. Coal Mining Co.
B.Coal—Madison Coal Co., St. Louis, Mo. Shaft No. 3. 60,000 tons; 260 days; 80 employes. Steam.
B.Coal—P. Wonderly & Co. Shaft. 18,000 tons; 200 days; 35 employes. Steam.

ELDORADO, Saline Co. M.O. Tel. Ry. 203; 479; 667.
B.Coal—Eldorado Coal Co. Slope.
B.Coal—J. H. Musgrave.

ELGIN, Kane Co. Pop. 17,850. M.O. Tel. Ry. 174; 160.
Stone—South Elgin Stone Co., 155 Milwaukee st. Wm. Grote, pres.; A. Magnus, v. pres. and gen. mgr.; David McBride, secy.; E. D. Waldron, treas. Cap. stk. $20,000. Limestone. 5,000 cords. Stone crushers.

ELLSWORTH, McLean Co. Pop. 168. M.O. Tel. Ry. 445.
B.Coal—H. E. Whittaker. (Local.)

ELMIRA, Stark Co. Pop. 76. Banking town and Ry. Toulon, 744.
B.Coal—Chas. Gillet. Shaft. 35 ft. 900 tons; 175 days; 4 employes. Horse.

ELMWOOD, Peoria Co. Pop. 1,548. M.O. Tel. Ry. 167.
B.Coal—Elmwood Coal Co. Shaft. 20,000 tons; 135 days; 90 employes. Steam.
B.Coal—John Andrews. Shaft. 800 tons; 120 days; 4 employes. Horse.

EQUALITY, Gallatin Co. Pop. 622. M.O. Tel. Ry. 479. Banking town Shawneetown.
B.Coal—Brightner & Baldwin. (Local.)
B.Coal—Peter Britner. (Local.)
B.Coal—Equality Coal Co. B. Temple, pres. and gen. mgr.; David Beverly, treas. Equality mine. Shaft, 180 ft. 120,000 tons; 200 days; 70 employes. Steam. Coke. 12 ovens. Operate 1 mile ry.; 1 locomotive; 27 cars.
B.Coal—Hales & Crest. (Local.)
B.Coal—Wm. Hargraves. Slope. 40,000 tons; 165 days. Horse.

ESSEX, Kankakee Co. Pop. 226. M.O. Tel. Ry. 408a; 915.
B.Coal—Thos. Treasure & Sons. Shaft, 70 ft. 1,200 tons; 150 days; 5 employes.

EVANSTON, Cook Co. Pop. 12,792. M.O. Tel. Ry. 160; 174.
Ex.At.—Herman Haupt, Jr., M. D., Ph. D., mining and metallurgical expert. Attorney-at-law, 1300 Davis st.

EWING, Franklin Co. Pop. 290. M.O. Banking town and Ry. Benton, 175.
B.Coal—W. A. King. (Local.)

EXETER, Scott Co. Pop. 244. M.O. Banking town and Ry. Bluffs, 913.
B.Coal—Elihu Armitage.
B.Coal—J. F. Morris. Slope. 300 tons.
B.Coal—Charles Rhu. (Local.)

FAIRBURY, Livingston Co. Pop. 2,324. M.O. Tel. Ry. 855; 913.
B.Coal—Fairbury Co-operative Coal Co. Shaft, 165 ft. 12,000 tons; 220 days; 20 employes. Steam.
B.Coal—Walton Bros. Shaft, 190 ft. 17,000 tons; 200 days; 45 employes. Steam.

FAIRMOUNT, Vermilion Co. Pop. 1,000. M.O. Tel. Ry. 913.
B.Coal—Peter Claire. Drift. 300 tons.
B.Coal—Consolidated Coal Co., La Clede bldg., St. Louis, Mo. Fairmount mine. Shaft, 230 ft. Steam. Wm. Harding, mine supt.
B.Coal—Fairmount Coal Co.

FAIRVIEW, Fulton Co. Pop. 492. M.O. Tel. Ry. 323.
B.Coal—John Aberdusky. Drift. 250 tons.
B.Coal—Wm. Brown. Drift. 300 tons.
B.Coal—S. Dray. Drift. 650 tons; 3 employes.
B.Coal—Eagle Coal Co.
B.Coal—John Fulmer. Drift. 450 tons; 120 days; 2 employes.
B.Coal—R. E. Gould. Drift. 350 tons.
B.Coal—V. Harto. 450 tons.
B.Coal—Josiah Karr. (Local.)
B.Coal—D. Marvell. Drift. 400 tons.
B.Coal—B. T. Melick. Drift. 650 tons; 160 days; 2 employes.
B.Coal—N. W. Nicholson. Drift. 1,400 tons; 150 days; 5 employes. Horse.
B.Coal—Sam'l Parr. Drift. 250 tons.
B.Coal—Theo. Pumyea. Cap. invested, $1,000. Pumyea mine. Tunnel. 1,000 tons; 300 days; 3 employes.
B.Coal—J. M. Stout. Drift. 150 tons.

FANCHER, Shelby Co. Ry. 887. Banking town Shelbyville.
B.Coal—W. Richman. (Local.)
B.Coal—St. Louis & Kansas City Ry. Co. Shaft. 2,000 tons.
B.Coal—W. B. Smith. Shaft, 25 ft. 150 tons.
B.Coal—Joseph Wade. Shaft, 20 ft. 1,000 tons; 200 days; 6 employes. Horse.

FANDON, McDonough Co. Pop. 76. Banking town and Ry. Colchester, 167.
B.Coal—Donald Smith. Drift. 650 tons; 175 days; 2 employes.

FARMINGTON, Fulton Co. Pop. 1,380. M.O. Tel. Ry. 167; 391.
B.Coal—Thos. Barton.
B.Coal—Claire Coal Co. No. 2 shaft, 150 ft. 30,000 tons; 185 days; 85 employes. Steam.
B.Coal—Jno. A. Emmons. (See John Emmons Coal Co.)
B.Coal—John Emmons Coal Co. Shaft, 35 ft. 24,000 tons; 185 days; 25 employes. Steam.
B.Coal—Farmington Coal Co.
B.Coal—Graham & Murdock. (Local.)
B.Coal—Maplewood Coal Mining Co., cor. Adams and Fulton sts., Peoria. Shaft. 100,000 tons; 226 days; 100 employes. Steam.
B.Coal—W. L. Pierce & Co. Shaft, 45 ft. 38,000 tons; 160 days; 90 employes. Steam.
B.Coal—Wm. Raffle. Shaft, 35 ft. 1,200 tons; 170 days; 3 employes. Horse.
B.Coal—Elisha Webster. Drift. 300 tons.

FIATT, Fulton Co. Pop. 25. Ry. 323. Banking town Cuba.
B.Coal—Cline & Shaw. Slope. 5,000 tons; 20 days; 10 employes.
B.Coal—John Williamson. (Local.)

FINNEY, Jackson Co. Ry. 667.
B.Coal—Cornelius Sullivan. (Local.)

FLATROCK, Crawford Co. Pop. 151. M.O. Tel. Ry. 203. Banking town Robinson.
B.Coal—S. Wegar.

FLINT, Hamilton Co. Banking town and Ry. McLeansboro, 479.
B.Coal—J. L. Denny. (Local.)
B.Coal—J. C. Harper. Mine at McLeansboro.
B.Coal—S. H. Harper. (Local.)

FLORA, Clay Co. Pop. 1,965. M.O. Tel. Ry. 50.
B.Coal—Breese Coal Mining Co. Mine at Breese.

FOSTERBURG, Madison Co. Pop. 110. M.O. Ry. Dorsey, 203. Banking town Alton.
B.Coal—Wm. Challinsworth. (Local.)
B.Coal—Wm. Feichenal. (Local.)
B.Coal—Hill Bros. (Local.)
B.Coal—Chas. H. Luek ng. Shaft. 5,000 tons; 3 employes.

FREDONIA, Williamson Co. M.O. Ry. 667. Banking town Cartersville.
B.Coal—Crystal Plate Glass Co. Shaft, 70 ft. 75,000 tons; 220 days; 120 employes. Steam.
B.Coal—Scarboro & Griffin. (Local.)
B.Coal—Sprague & Nickels. (Local.)

FREEBURG, St. Clair Co. Pop. 848. M.O. Tel. Ry. 667. Banking town Belleville.
B.Coal—Edward Avery. (Local.)
B.Coal—Chas. Becker. (See Freeburg Coal Co.)
B.Coal—Dutch Hollow Coal & Mining Co., St. Louis, Mo. Two shafts, 155 ft. each. 40,000 tons; 175 days; 35 employes. Steam.
B.Coal—Freeburg Mining Co. Frank Nold, pres.; Chas. Becker, sec. and treas. Freeburg mine. Shaft, 135 ft. 10,000 tons; 12 employes. Steam. Fred. Nold, mine supt.
B.Coal—Wm. Maddox. (Local.)
B.Coal—Missouri & Illinois Coal Co., St. Louis, Mo. Shaft, 135 ft. 40,000 tons; 220 days; 35 employes. Steam.
B.Coal—Randle Coal Co.

FRENCH VILLAGE, St. Clair Co. Tel. Ry. 479. Banking town E. St. Louis.
B.Coal—Jas. Charlton. Slope. 4,000 tons; 240 days; 5 employes. Horse.
B.Coal—Lawrence Ferber. (Local.
B.Coal—C. Strawbinger. Drift. 4,500 tons; 240 days; 5 employes. Horse.

FRIENDSVILLE, Wabash Co. Pop. 300. Banking town and Ry. Mt. Carmel, 203.
B.Coal—H. H. Fry. (Local.)

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GALENA, Jo Daviess Co. Pop. 5,635. M.O. Tel. Ry. 154; 160; 381.
Lead—C. J. Clausen.

GALESBURG, Knox Co. Pop. 15,264. M.O. Tel. Ry. 30; 167; 323.
B.Coal—Cline & Shaw, 137 E. Main st. 6,000 tons.
B.Coal—Eagle Mining Co.
B.Coal—Geo. W. Essex, Soperville. Lone Orphan mine. Shaft, 113 ft. 126,000 tons; 200 days; 20 employes. Steam.
Mica—Galesburg Mica Mining Co. A. P. Charles, pres.; Howard Duncan, v. pres.; C. A. White, secy. and treas.; R. H. Pilcher, gen. mgr. Cap. stk. $150,000, pd. up. Mine at Custer City, S. D.
B.Coal—Galesburg Pressed Brick & Tile Co. Shaft, 70 ft. 8,000 tons; 200 days; 20 employes. Steam.
B.Coal—F. R. Greene. (Local.)
B.Coal—Patrick Milan. Shaft, 30 ft. 2,000 tons; 200 days; 6 employes. Horse.
B.Coal—Patrick Powers. (Local.)
B.Coal—Ross & Woodward. Cap. invested, $4,000. Soperville mine. Shaft, 50 ft. 3,400 tons; 200 days; 14 employes. Horse. John Ross, mine supt.

GALVA, Henry Co. Pop. 2,409. M.O. Tel. Ry. 167; 744.
B.Coal—Gray Eagle Coal Co. Shaft, 65 ft. 12,000 tons; 200 days; 45 employes. Steam.
B.Coal—Herdien Coal Co. No. 9 and North Shore mines. Shafts, 60 ft. 20,000 tons; 250 days; 55 employes. Steam.
B.Coal—Philip Murphy. Shaft, 25 ft. 500 tons; 120 days; 3 employes. Horse.
B.Coal—Jas. H. Murray. Shaft, 45 ft. 5,000 tons; 200 days; 18 employes. Steam.

GARDNER, Grundy Co. Pop. 1,100. M.O. Tel. Ry. 154; 408a.
B.Coal—Gardner-Wilmington Coal Co. No. 1 mine. Shaft, 210 ft. 30,000 tons; 170 days; 115 employes. Steam.

GEORGETOWN, Vermilion Co. Pop. 662. M.O. Tel. Ry. 203.
B.Coal—J. B. Clifton. (Local.)
B.Coal—B. F. Cook. Drift. 600 tons; 2 employes.
B.Coal—Amos Hawkins. Open pit. 20,000 tons; 275 days; 6 employes. Steam.
B.Coal—A. Lowell. (Local.)
B.Coal—J. C. Williams. Open pit. 800 tons; 90 days; 3 employes. Horse.

GILCHRIST, Mercer Co. Pop. 100. M.O. Ry. 167.
B.Coal—Alden Coal Co. Shaft, 145 ft. 40,000 tons; 170 days; 80 employes. Steam.
B.Coal—Martin Ayers.
B.Coal—Empire Coal Co. E. H. Thayer, pres.; C. F. Alden, secy.; H. M. Gilchrist, treas.; C. Shuler, gen. mgr. and buyer. Cap. stk. $60,000, pd. up. Shaft, 104 ft. 100,000 tons; 240 days; 200 employes. Steam.
B.Coal—H. M. Gilchrist. (See Empire Coal Co.)

GILLESPIE, Macoupin Co. Pop. 948. M.O. Tel. Ry. 203.
B.Coal—Consolidated Coal Co., St. Louis, Mo. Gillespie mine. Shaft, 350 ft. 110,000 tons; 155 days; 90 employes. Steam.

GIRARD, Macoupin Co. Pop. 2,000. M.O. Tel. Ry. 154; 398.
B.Coal—Girard Coal Co. R. C. Harper, 32 W. Polk st., Chicago, pres. and treas.; H. M. Young, M. E., secy., gen. mgr. and buyer. Cap. stk. $75,000, pd. up. Girard mine. Shaft, 365 ft. 107,000 tons; 275 days; 150 employes. Steam.
B.Coal—Green Ridge Coal Co., 175 Dearborn st., Chicago. Green Ridge mine. Shaft. Breaker. 250,000 tons' capacity; 200 employes. E. M. Baysoar, mine supt.

GLENBURN, Vermilion Co. Pop. 300. Ry. Oakwood, 203. Banking town Danville.
B.Coal—Glenburn Coal Co. C. M. Swallow, pres. and gen. mgr.; W. J. Calhoun, secy.; W. W. Whaite, treas. and buyer. Cap. stk., $100,000, pd. up. Glenburn mine. Shaft, 110 ft. 150,000 tons; 290 days; 150 employes. Steam. Thad. Kneedler, mine supt.
B.Coal—C. M. Swallow. (See Glenburn Coal Co.)

GRAFTON, Jersey Co. Pop. 927. M.O. Tel. Ry. 770.
Stone—Grafton Quarry Co., 415 Locust st., St. Louis, Mo. Grafton magnesian quarry. 70,000 cu. yds.; 234 days; 200 employes. Steam. Chas. Brainerd, mine supt.
Stone—Chas. Zophel. Limestone.

GRAPE CREEK, Vermilion Co. Pop. 878. M.O. Tel. Ry. 155. Banking town Danville.
B.Coal—John Blakley. (Local.)
B.Coal—J. W. Blue. (Local.)
B.Coal—Blue & Wilson. (Edw. Blue and D. Wilson.) Drift. 1,200 tons; 100 days; 4 employes. Horse.
B.Coal—Bunting Bros. Drift. 5,000 tons; 180 days; 9 employes. Horse.

GRAPE CREEK—Continued.
B.Coal—Bunting Bros. No. 4 Slope. 16,000 tons; 120 days. 35 employes. Steam.
B.Coal—A. M. Bushong, Danville. Bushong mine. Drift. 5,000 tons; 240 days; 12 employes. Horse.
B.Coal—Coaster & Jacobs. No. 5 shaft. 15,000 tons; 190 days; 65 employes. Steam.
B.Coal—Dickeson & Frazier. (Local.)
B.Coal—Grape Creek Co-operative Coal Co. Shaft, 25 ft. 2,000 tons; 140 days; 6 employes. Horse.
B.Coal—Grape Creek Co-operative Mining Association. (See Grape Creek Co-operative Coal Co.)
B.Coal—J. M. Kelly & Co. (Local.)
B.Coal—Wm. Kelly. Shaft, 35 ft. 1,700 tons; 115 days; 5 employes. Horse.
B.Coal—Lucas & Raine. Slope. 1,000 tons; 180 days; 4 employes. Horse.
B.Coal—J. McDowell. (Local.)
B.Coal—Chas. Moran. (Local.)
B.Coal—L. J. Mozier & Co. (Local.)
B.Coal—Protective Co-operative Mining Co. (Local.)
B.Coal—C. & W. Riley. (Riley Bros.) Drift. 3,500 tons; 230 days; 6 employes. Horse.
B.Coal—Spellman Coal Co. (Thomas Spellman.) Drift. 30,000 tons; 100 days; 45 employes. Horse.
B.Coal—D. P. Wilson. (Local.)

GREENVIEW, Menard Co. Pop. 1,106. M.O. Tel. Ry. 154.
B.Coal—Greenview Coal & Mining Co.
B.Coal—Menard Coal Co. No. 2 shaft, 105 ft. 65,000 tons; 225 days; 80 employes. Steam.
B.Coal—Wm. Parkin, Sweetwater. Shaft, 170 ft. 3,600 tons; 200 days; 10 employes.

GRIFFIN, Mercer Co. Pop. 100. Banking town and Ry. New Windsor, 167.
B.Coal—F. A. Griffin & Co. Griffin mine. Shaft, 35 ft. 20,000 tons; 300 days; 5 employes.

GROVELAND, Tazewell Co. Pop. 178. Tel. Ry. 30. Banking town Morton.
B.Coal—Jos. Schmidt. (Local.)
B.Coal—Geo. Wieland. (Local.)

GRUBB, Jackson Co. Ry. name Perrys, 767.
B.Coal—Wm. Campbell. Slope. 400 tons.
B.Coal—A. C. Crain. (Local.)

HAMPTON, Rock Island Co. M.O. Tel. Ry. 174. Banking town Port Byron.
B.Coal—Groth Bros. (Local.)
B.Coal—G. B. Henry. Shaft, 75 ft. 2,000 tons; 100 days; 12 employes. Steam.
B.Coal—Northern Mining & Railway Co.

HANNA CITY, Peoria Co. Pop. 173. M.O. Tel. Ry. 391. Banking town Peoria.
B.Coal—Hanna City Coal Co. (R. G. McCullough). Shaft, 250 ft. 20,000 tons; 160 days; 40 employes. Steam.
B.Coal—R. G. McCullough. (Local.)

HARKERS CORNERS, Peoria Co. Ry. Mapleton, 855. Banking town Peoria.
Stone—Fred Wagner.

HARMONY, McHenry Co. Pop. 100. Ry. and Banking town Marengo, 160.
B.Coal—Crown Coal & Fire Brick Co. Shaft, 155 ft. 13,000 tons; 40 employes. Steam.

HARRISBURG, Saline Co. Pop. 1,725. M.O. Tel. Ry. 203.
B.Coal—Davenport & Co. Mine at Newcastle.
B.Coal—W. H. Howell.
B.Coal—Howell & McCreary.
B.Coal—S. Pierson. (Local.)

HAWLEY, Henry Co. Ry. Galva, 167.
B.Coal—Orphews Kemerling. Shaft, 40 ft. 350 tons.
B.Coal—John Rockford. (Local.)
B.Coal—Smith & Hodsall. (Local.)

HENDERSON, Knox Co. Pop. 163. Tel. Ry. 167.
B.Coal—F. Wolsted. (Local.)

HENRY, Marshall Co. Pop. 1,512. M.O. Tel. Ry. 179.
B.Coal—Wm. Bough. Drift. 250 tons.
B.Coal—Alex. Daniels. (Local.)
B.Coal—Wm. Horrocks. Drift, 300 tons.
B.Coal—John Kenny. Drift. 150 tons.
B.Coal—Wm. Lopeman. Drift. 250 tons.
B.Coal—Nicholas McKee. Drift. 200 tons.
B.Coal—Jos. Moody. Drift. 200 tons.

HIGHLAND, Madison Co. Pop. 1,857. M.O. Tel. Ry. 870.
Gold—Cinnabar Mining Co.

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HILLERY, Vermilion Co. Ry. name Hilliary, 203.
B.Coal—Q. T. Casteel. (Local.)

HILLSBORO, Montgomery Co. Pop. 2,506. M.O. Tel. Ry. 203.
B.Coal—Hillsboro Coal Co. Shaft, 460 ft. 115,000 tons; 225 days; 150 employes. Steam.

HOLLIS, Peoria Co. P.O. Bartonville. Tel. Ry. 885.
B.Coal—German Co-operative Coal Co. Slope. 10,000 tons; 200 days; 25 employes. Steam.
B.Coal—Sholl Bros. No. 1 slope. No. 2 shaft. 60,000 tons; 160 days; 90 employes. Steam.
B.Coal—Joseph Sholl & Son. Slope. 9,000 tons; 225 days; 15 employes. Steam.
B.Coal—Steven Walschlag. Slope. 10,000 tons; 150 days; 12 employes. Steam.

HUMRICH, Vermilion Co. Pop. 100. Ry. 887. Banking town Ridgefarm.
B.Coal—Lewis Dillon. (Local.)
B.Coal—J. W. Jones. (Local.)

HUNTSVILLE, Schuyler Co. Pop. 99. M.O. Banking town and Ry. Augusta, 167.
B.Coal—Geo. Edwards. (Local.)

ILES JUNCTION, Sangamon Co. Ry. Springfield Junction, 154; 913. Banking town Springfield.
B.Coal—Black Diamond Coal & Tile Co. Shaft, 255 ft. 70,000 tons; 200 days; 85 employes. Steam.
B.Coal—Samuel Simpkin. (Local.)
B.Coal—Springfield Junction Coal Co. Shaft, 255 ft. 55,000 tons; 160 days; 100 employes. Steam.
B.Coal—Woodside Coal Co., Springfield. Shaft, 255 ft. 130,000 tons; 200 days; 95 employes. Steam.

INDUSTRY, McDonough Co. Pop. 432. M.O. Banking town and Ry. Macomb, 167.
B.Coal—Frank Burdick. Shaft, 33 ft. 450 tons; 150 days. Horse.
B.Coal—E. C. Jares. (Local.)
B.Coal—Richard Jones. Drift. 400 tons; 100 days; 3 employes.
B.Coal—Jno. McIntyre. Drift. 200 tons.

IPAVA, Fulton Co. Pop. 667. M.O. Tel. Ry. 167.
B.Coal—R. Cass. Drift. 250 tons.
B.Coal—John Hines. Drift. 250 tons.
B.Coal—Roddis & Son. Ipava coal mine. Slope. 1,600 tons; 280 days; 4 employes.

JOLIET, Will Co. Pop. 23,264. M.O. Tel. Ry. 30; 154; 179; 282; 405; 520.
Iron—W. J. Adam.
Stone—S. Anderson.
Stone—E. R. Brainard.
Stone—J. Bruce & Son.
G.S.—Bullion Canyon Mining Co. M. C. Sturtevant, pres.; Jno. Lemon, v. pres.; L. W. Searles, secy.; Geo. Nicholson, treas.; Isaac Jennings, M. E., gen. mgr. and buyer. Cap. stk. $5,000,000, pd. up. Gold and silver. Mine at Marysvale.
Stone—A. Erickson. Limestone.
Stone—Globe Stone Co. Limestone.
Stone—Grinton & Vose. Limestone.
Marb.—J. W. Hays. Marble.
Gran.—W. Hills. Granite.
Stone—Johnson Bros. Limestone.
Stone—Joliet Limestone Co.
Stone—Joliet Marble Works.
Stone—Joliet Pioneer Stone Co., 330 5th ave., Chicago. Limestone. 220 days; 100 employes. Stone mill, saws and planers, 500 ft. daily capacity. Steam.
Roll.M.—Joliet Sheet Rolling Mill Co.
Stone—Kearns, Prendergast & Bender, 159 La Salle, Chicago. Manning Ave. quarry. Limestone. 8,000 cords; 230 days; 60 employes. Steam. Chas. Connors, mine supt.
Stone—Kettle Stone Co. Limestone.
Stone—Kirkpatrick, Hawk & Massey. Limestone.
Stone—Krakar Stone Co. Limestone.
Stone—G. Manson. Limestone.
Stone—D. & F. Murphy & Co., 204 Joliet st. Frank Murphy, gen. mgr. Cap. invested $30,000. Limestone. 200 days; 20 employes. Steam. Stone mill, 200 yards daily capacity.
St.Lm.—Thos. H. Patterson. Limestone. Lime kiln.
Stone—E. Porter & Sons Stone Co.
Stone—Rogan Bros. Limestone.
Stone—Santa Fe Stone Co. Limestone.
Stone—Henry Schultz. Limestone
Stone—C. S. Seaver. Limestone.
Stone—Sprague Bros. Limestone.
Stone—W. C. Staye. Limestone.
Stone—Wm. Strickland. Limestone.
Gran.—N. Themes. Granite.
Stone—Watson & Son. Limestone.
Stone—A. Wenberg. Limestone.
Stone—C. Werner. Limestone.

JOLIET—Continued.
Stone—Western Stone Co., 320 Chamber of Commerce, Chicago. Limestone. Steam. Statistics included in Lemont report.
Gran.—E. Wunderlich. Granite.
Stone—C. O. Vose. Limestone.
Stone—Young & Farrell. Limestone.
Stone—Zarley Stone Co. Limestone.
Stone—Zarley & Baker. Limestone.

JUBILEE, Peoria Co. Ry. Edwards, 167.
B.Coal—Sam'l Mosley.
B.Coal—W. G. Saunders.

KANGLEY, La Salle Co. Pop. 934. M.O. Tel. Ry. 167. Banking town Streator.
B.Coal—Charles Scott. (Local.)
B.Coal—W. B. Scott. (Local.)
B.Coal—Star Coal Co., Streator. Nos. 1 and 2 shafts, 75 and 90 ft. 270,000 tons; 140 days; 350 employes. Steam.

KANKAKEE, Kankakee Co. Pop. 9,025. M.O. Tel. Ry. 203; 381; 385; 408a.
B.Coal—J. Hander. (Local.)
Stone—Kankakee Stone Co
B.Coal—Leonard & Hendee. (Local.)
B.Coal—Geo. Ope. (Local.)

KEWANEE, Henry Co. Pop. 4,569. M.O. Tel. Ry. 167.
Coal—Matthew Atkinson. Slope. 1,100 tons; 140 days; 8 employes. Horse.
B.Coal—Bates Bros. Shaft, 77 ft. 2,500 tons; 225 days; 11 employes. Horse.
B.Coal—Thomas Carter. Slope. 200 tons.
Stone—Craig & Davis. (Local.)
B.Coal—Garland & Dixon. Slope, 800 tons; 200 days; 3 employes. Horse.
B.Coal—Grice Bros. Shaft, 75 ft. 1,300 tons; 125 days; 7 employes. Steam.
B.Coal—Huffman Coal Co. Shaft, 65 ft. 700 tons; 175 days; 5 employes. Steam.
B.Coal—B. Keeley. (Local.)
B.Coal—Bernard Kirley. Shafts Nos. 1 and 2, 74 and 70 ft. 5,000 tons; 200 days; 14 employes. Steam.
B.Coal—Reinold Kempin. Slope. 1,100 tons; 300 days; 3 employes. Horse.
B.Coal—Kewanee Coal Co.
B.Coal—Wm. Lane. Slope. 400 tons.
B.Coal—Thomas Lester. (Local.)
B.Coal—Orlando Libby. (Local.)
B.Coal—W. H. Lyle. (Local.)
B.Coal—Malone, Peter & Son. Slope. 700 tons; 130 days; 5 employes. Horse
B.Coal—Martin Bros. Shaft, 30 ft. 1,000 tons; 150 days; 4 employes.
B.Coal—Martin & Tucker. (Local.)
B.Coal—Mink Bros. Slope. 250 tons.
B.Coal—Jos. Price. (Local.)
B.Coal—Ritka & Peart Slope. 1,400 tons; 200 days; 6 employes. Horse.
B.Coal—Tibbits & McMullen. Shaft, 65 ft. 5,000 tons; 175 days; 16 employes. Horse.
B.Coal—Ralph Todd. Slope. 1,000 tons; 100 days; 5 employes. Horse.
Roll.M.—Western Tube Co.

KICKAPOO, Peoria Co. Pop. 265. Ry. Edwards, 167. Banking town Peoria.
B.Coal—John Jordan. (Local.)
B.Coal—Wm. Poole. Slope. 800 tons; 180 days; 3 employes. Horse.
B.Coal—Chas. Pratt. Slope. 450 tons.
B.Coal—Stears Bros. Slope. 100 tons.

KINGSTON MINES, Peoria Co. Ry. Mapleton, 885.
B.Coal—Jefford Bros. Drift. 6,000 tons; 300 days; 12 employes. Horse.
B.Coal—Newsam Bros., Peoria. Drift. 70,000 tons; 165 days; 112 employes. Steam.

KINMUNDY, Marion Co. Pop. 1,045. M.O. Tel. Ry. 175; 381.
B.Coal—W. S. Matthews. (Local.)
B.Coal—New Kinmundy Coal Co.
B.Coal—Superior Coal Mining Co., St. Louis, Mo. Shaft, 870 ft. 25,000 tons; 250 days; 30 employes. Steam.

KNOXVILLE, Knox Co. Pop. 1,728. M.O. Tel. Ry. 167.
B.Coal—M. R. Brown. Drift. 800 tons; 150 days; 5 employes.
B.Coal—T. C. Dodds. (Local.)
B.Coal—Z. F. Dudley. (Local.)
B.Coal—Eric Harkstron. (Local.)
B.Coal—A. S. Haver. Shaft, 42 ft. 600 tons; 220 days; 3 employes. Horse.
B.Coal—Sam'l Hopper. Shaft, 43 ft. 1,500 tons; 140 days; 8 employes. Horse.
B.Coal—Lewis & Dodds. Drift. 600 tons; 215 days; 3 employes.
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KNOXVILLE—Continued.
B.Coal—Lunden & Sholeen. Shaft, 40 ft. 1,000 tons; 80 days; 10 employes. Horse.
B.Coal—Nelson & Anderson. Drift. 300 tons; 100 days; 2 employes.

KRAMM, Peoria Co. Ry. Edwards, 167.
B.Coal—Nathan Shaw. Drift. 6,000 tons; 175 days; 8 employes. Horse.

LADD, Bureau Co. Pop. 1,800. M.O. Tel. Ry. 167; 458a.
B.Coal—Whitebreast Fuel Co., 940 Rookery bldg., Chicago. Mine "B." Shaft, 465 ft. 150,000 tons; 150 days; 450 employes. Steam. Adam Fletcher, mine supt.

LAFAYETTE, Stark Co. Pop. 250. M.O. Tel. Ry. 744.
B.Coal—C. E. Berg. Shaft, 29 ft. 1,000 tons; 160 days; 4 employes. Horse.

LASALLE, Lasalle Co. Pop. 9,855. M.O. Tel. Ry. 167; 179; 381; 458a.
B.Coal—La Salle Co. Carbon Coal Co. La Salle and Rockwell mines. Shafts, 400 ft. 175,000 tons; 160 days; 500 employes. Steam.
B.Coal—Matthiessen & Hegeler Zinc Co. E. C. Hegeler, pres.; F. W. Matthiessen, secy. Shaft, 300 ft. 78,500 tons; 300 days; 82 employes. Mine for own use only.
B.Coal—Union Coal Co.

LAURA, Peoria Co. Tel. Ry. 30. Banking town Monica.
B.Coal—Wm. Dodsworth. Shaft, 22 ft. 500 tons; 175 days; 2 employes. Horse.
B.Coal—Jno. Sample. (Local.)
B.Coal—Sample & Cox. Shaft, 25 ft. 3,500 tons; 190 days; 5 employes. Horse.

LEAMAN, Fulton Co. Pop. 57. Ry. 885. Banking town Smithfield.
B.Coal—Harvey Myers. Drift. 700 tons; 200 days; 2 employes.
B.Coal—Henry Myers. Drift. 250 tons.
B.Coal—L. Myers. (Local.)
B.Coal—W. G. Stoke. Drift. 300 tons.

LEAMINGTON, Gallatin Co. Ry. Equality, 479.
B.Coal—J. S. Brinkley. (Local.)

LEBANON, Saint Clair Co. Pop. 1,636. M.O. Tel. Ry. 50. Banking town Trenton.
B.Coal—Bennett Coal Co.
B.Coal—Lebanon Coal & Mach. Assn. Shaft, 186 ft. 40,000 tons; 200 days; 100 employes. Steam.

LEDFORD, Saline Co. Ry. 203.
B.Coal—James C. Heenan. Drift. 800 tons.

LEMONT, Cook Co. Pop. 6,000. M.O. Tel. Ry. 30; 154.
Stone—Western Stone Co., 320 Chamber of Commerce, Chicago. Limestone, 1,000,000 ft. dimension and 60,000 cords rubble and rip rap. 254 days; 2,500 employes. Stone mill, 2,000 ft. daily capacity. Steam.

LENZBURG, Saint Clair Co. Pop. 266. M.O. Tel. Ry. 767. Banking town Marissa.
B.Coal—David Haensel. (Local.)
B.Coal—Wm. Miller. Shaft, 197 ft. 21,000 tons; 225 days; 40 employes. Steam.
B.Coal—Terre Coal Co. Shaft, 91 ft. 14,000 tons; 240 days; 15 employes. Steam.

LEWISTOWN, Fulton Co. Pop. 2,166. M.O. Tel. Ry. 167; 323.
B.Coal—J. Bath. (Local.)
B.Coal—Buckwheat Coal Co. (Local.)
B.Coal—Henry Florin. (Local.)
B.Coal—Watts Coal Co. Drift. 5,000 tons; 160 days; 15 employes.
B.Coal—Sam'l Watts. Drift. 800 tons; 180 days; 3 employes.
B.Coal—John Yokum. Drift. 500 tons.

LINCOLN, Logan Co. Pop. 6,725. M.O. Tel. Ry. 154; 381; 668.
B.Coal—Citizens' Coal Mining Co. Shaft, 270 ft. 100,000 tons; 240 days; 100 employes. Steam.
B.Coal—Lincoln Coal Co. D. H. Hart, secy.; Frank Frour, gen. mgr. and buyer. No. 1 mine. Shaft, 272 ft. 90,000 tons; 290 days; 125 employes. Steam.

LITCHFIELD, Montgomery Co. Pop. 5,811. M.O. Tel. Ry. 176; 203; 398; 471; 913.
B.Coal—Litchfield Mining & Mercantile Co., 202 State st. D. Davis, Sr., pres. and buyer; D. Davis, Jr., secy. and treas.; W. Lafuce, v. pres. and mgr. Cap. $1,000. Shaft. 8,700 tons; 30 employes.

LITCHFIELD—Continued.
B.Coal—Litchfield Mining & Power Co. Wm. Wiegreffe, Sr., pres.; John Lang, Sr., v. pres.; G. A. Sihler, secy. and treas. Shaft, 550 ft. 300 days; 40 employes. Steam.

LITTLETON, Schuyler Co. M.O. Banking town and Ry. Rushville, 167.
B.Coal—J. Bachoffen.

LIVERPOOL, Fulton Co. Pop. 151. Banking town and Ry. Canton, 167; 855.
B.Coal—Jno. McArthur. (Local.)

LOCKPORT, Will Co. Pop. 2,449. M.O. Tel. Ry. 30; 154.
Stone—Kearns, Prendergast & Bender, 159 La Salle st., Chicago. Lockport quarry. Limestone, 8,000 cords; 230 days; 75 employes. Steam. J. H. Hughes, quarry supt.
Stone—Isaac Nobes. Limestone.
Stone—Western Stone Co., 320 Chamber of Commerce, Chicago. Limestone. Steam. Statistics included in Lemont report.

LODING, Rock Island Co. Banking town and Ry. Moline, 167; 174; 179.
B.Coal—William Allison. Slope. 1,600 tons; 150 days; 8 employes. Horse.
B.Coal—Jamieson Coal Co. Shaft, 40 ft. 6,000 tons; 225 days; 16 employes. Steam.
B.Coal—John Hynd. Shaft, 60 ft. 5,000 tons; 200 days; 12 employes. Horse.
B.Coal—Jamieson Coal Co. E. G. Jamieson, pres.; Geo. M. Donald, secy. and treas. Cap. stk. $4,000, pd. up. Shaft, 65 ft. 5,000 tons; 200 days; 18 employes. Steam.
B.Coal—John A. Loding. Slope. 4,000 tons; 200 days; 12 employes. Steam.

LOMBARDVILLE, Stark Co. Pop. 104. Tel. Ry. 167. Banking town Bradford.
B.Coal—Robert Camey. Shaft, 140 ft. 1,000 tons; 220 days; 5 employes. Horse.
B.Coal—A. W. Higbee. (Local.)

LONDON MILLS, Fulton Co. Pop. 661. M.O. Tel. Ry. 323; 391.
B.Coal—Kline & Sons. Shaft, 28 ft. (Local.)

LYONS, Cook Co. Pop. 732. Ry. Riverside, 167. Banking town Chicago.
Stone—Fred Schultz.

M'LEANSBORO, Hamilton Co. Pop. 2,500. Ry. 479.
B.Coal—J. C. Harper, Flint. Knights Prairie mine. Open pit. 500 tons; 60 days; 4 employes.

MACOMB, McDonough Co. Pop. 4,052. M.O. Tel. Ry. 167.
B.Coal—Jno. Berry. (Local.)
Stone—C. V. Chandler.

MADONNAVILLE, Monroe Co. Pop. 40. Banking town and Ry. Waterloo, 167.
B.Coal—Reinecke Coal Co. (Local.)

MAPLES MILL, Fulton Co. Pop. 27. Banking town and Ry. Canton, 167; 855.
B.Coal—I. Raker. (Local.)
B.Coal—J. Whitehead. (Local.)

MAPLETON, Peoria Co. Pop. 135. Tel. Ry. 855. Banking town Peoria.
B.Coal—W. E. Foley. Slope. 20,000 tons; 220 days; 30 employes. Steam.
B.Coal—Illinois Coal Co.
B.Coal—Frank Newsam. Drift. 1,200 tons; 190 days; 5 employes. Horse.
B.Coal—L. Potter & Co. Slope. 3,000 tons; 180 days; 5 employes. Steam.
B.Coal—J. O. Shaughnessy. (Local.)

MAQUON, Knox Co. Pop. 501. M.O. Tel. Ry. 167.
B.Coal—G. W. Etcheson. Drift. 200 tons.

MARIETTA, Fulton Co. Pop. 102. Tel. Ry. 855. Banking town Bushnell.
B.Coal—John Anderson & Son. Drift. 300 tons.
B.Coal—Foraker & Lutry. Drift. 500 tons; 180 days; 3 employes.
B.Coal—Chas. Howard. (Local.)
B.Coal—Louis Huff. Drift. 400 tons; 2 employes.
B.Coal—Wilson Varner. (Local.)
B.Coal—Robt. Welsh. Drift. 300 tons; 2 employes.

MARION, Williamson Co. Pop. 1,338. M.O. Tel. Ry. 175; 767.
B.Coal—Wm. P. Allen. Drift. 1,000 tons; 200 days; 5 employes.

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MARION—Continued.
B.Coal—W. M. Reid. Drift. 2,500 tons; 100 days; 6 employes.
B.Coal—Wm. Rex. Slope. 6,000 tons; 130 days; 8 employes.
B.Coal—Wm. Tippett. (Local.)
B.Coal—J. B. Williford. (Local.)

MARISSA, St. Clair Co. Pop. 876. M.O. Tel. Ry. 767.
B.Coal—Advance Coal Co. Shaft, 95 ft. 25,000 tons; 150 days; 30 employes. Steam.
B.Coal—Consolidated Coal Co., St. Louis, Mo. White Oak mine. Shaft, 153 ft. 90,000 tons; 200 days; 28 employes. Steam.
B.Coal—Johnston Coal Co. Shaft, 130 ft. 20,000 tons; 200 days; 20 employes. Steam.
B.Coal—Enterprise Coal Co., Belleville.
B.Coal—O. K. Coal Co.
B.Coal—D. Zilsdorf. Shaft, 125 ft. 40,000 tons; 150 days; 35 employes. Steam.

MARSEILLES, Lasalle Co. M.O. Tel. Ry. 179.
B.Coal—Carney Bros.
B.Coal—J. L. Drake. (Local.)
B.Coal—R. F. Harrington. Drift. 1,500 tons; 150 days; 6 employes. Horse.
B.Coal—Marseilles Land & Water Power Co. Ferdinand Schumacher, pres.; Hugo Schumacher, secy. and treas.; R. F. Knott, gen. supt.; J. H. McCullough, buyer. Cap. stk. $500,000 pd. up. Galloway mine. Shaft, 120 ft. 30,000 tons; 300 days; 50 employes. Steam.

MASCOUTAH, St. Clair Co. Pop. 2,400. M.O. Tel. Ry. 479.
B.Coal—J. Beatty. Shaft, 167 ft. 5,000 tons; 200 days; 10 employes. Horse.

MENDOTA, Lasalle Co. Pop. 3,542. M.O. Tel. Ry. 167; 381.
Stone—D. L. Barber.

MIDDLEGROVE, Fulton Co. M.O. Tel. Ry. 391. Banking town Farmington.
B.Coal—Claire Coal Co., Farmington. Shaft, 90 ft. 30,000 tons; 185 days; 85 employes. Steam.
B.Coal—J. Harding. (Local.)
B.Coal—Mrs. J. D. Kerr. Shaft, 75 ft. 300 tons; 150 days; 2 employes. Steam.

MILAN, Rock Island Co. Pop. 926. M.O. Tel. Ry. 744.
B.Coal—Patrick McCarty. (Local.)
B.Coal—Wm. Parker. Shaft, 55 ft. 2,500 tons; 225 days; 8 employes. Horse.
B.Coal—David Walsh. Shaft, 50 ft. 3,500 tons; 240 days; 10 employes. Horse.

MILLERSBURG, Mercer Co. Pop. 240. M. O. Banking town and Ry. Aledo, 167.
B.Coal—Henry Fowler. Drift. 800 tons; 170 days; 4 employes.
B.Coal—Parker & Morris. (See Isaac Parker.)
B.Coal—Isaac Parker. Drift. 800 tons; 200 days; 5 employes.

MILLSTADT, St. Clair Co. Pop. 1,300. M.O. Tel. Ry. 545. Banking town East St. Louis.
B.Coal—Millstadt Coal & Mining Co. Wm. Preusser, pres. and gen. mgr.; Chas. Jacobus, secy.; Jos. Marxer, treas. Cap. stk. $6,000, pd. up. Shaft, 48 ft. 20,000 tons; 200 days; 25 employes. Steam.
B.Coal—John C. Schmidt. Shaft, 45 ft. 400 tons.

MINERAL, Bureau Co. Pop. 188. M.O. Tel. Ry. 179. Banking town Sheffield.
B.Coal—Brandt & McCullough.
B.Coal—Forrest Bros. Nos. 1 and 2 shafts, 50 and 30 ft. 3,000 tons; 200 days; 12 employes. Horse.
B.Coal—C. N. Lester. Shaft, 30 ft. 1,200 tons.
B.Coal—Fred Van Velzor. (Local.)

MINONK, Woodford Co. Pop. 3,000. M.O. Tel. Ry. 30; 381.
B.Coal—Chicago & Minonk Coal & Tile Works. K. L. Ames, gen. mgr. and buyer. Cap. invested $300,000. Minonk mine. Shaft, 552½ ft. 120,000 tons; 275 days; 400 employes. Steam.

MODENA, Stark Co. Pop. 75. P.O. and Ry. Castleton, 167. Banking town Wyoming.
B.Coal—Jno. Scott. (Local.)

MOKENA, Will Co. Pop. 364. M.O. Tel. Ry. 179. Banking town Joliet.
B.Coal—John Snare. (Local.)

MOLINE, Rock Island Co. Pop. 13,000. M.O. Tel. Ry. 167; 174; 179.
B.Coal—G. W. Griffin. Drift, 500 ft. 24,000 tons; 12 employes.

MONICA, Peoria Co. Pop. 300. M.O. Tel. Ry. 30; 167.
B.Coal—Chas. Berry & Sons. Chas. Berry, mgr.; Wm. Berry, buyer. Cap. invested $500. White Oak mine. Shaft, 40 ft. 900 tons; 200 days; 6 employes. Horse.
B.Coal—W. S. Meyer. Drift. 600 tons.
B.Coal—Jos. Wolford. Drift. 300 tons.

MONMOUTH, Warren Co. Pop. 9,736. M.O. Tel. Ry. 167; 391.
B.Coal—Foley & Palmer. Shaft, 57 ft. 1,400 tons; 275 days; 5 employes. Horse.
B.Coal—Thos. Hubbard. (Local.)
B.Coal—John Moulton. (Local.)
B.Coal—John Selkirk. Shaft, 53 ft. 300 tons.
B.Coal—Thos. Swan. (Local.)
B.Coal—Andrew Walsh. Drift. 600 tons; 200 days; 3 employes.

MORO, Madison Co. Pop. 210. Ry. 203. Banking town Alton.
B.Coal—Green & Monahan. (Local.)
B.Coal—Chas. Kabel. Rock Quarry mine. Shaft, 85 ft. 225 days; 4 employes.
B.Coal—Wm. Richardson. Shaft, 60 ft. 300 tons.
B.Coal—Wm. Wilkening. (Local.)

MORRIS, Grundy Co. Pop. 4,000. M.O. Tel. Ry. 179.
B.Coal—Alex. Bell. Shaft. 600 tons. Horse.
B.Coal—Geo. Blair. Shaft, 33 ft. 500 tons.
B.Coal—Geo. Burt. Shaft, 32 ft. 1,200 tons; 275 days; 5 employes. Horse.
B.Coal—Jas. Cryer. Shaft, 42 ft. 2,500 tons; 260 days; 5 employes. Horse.
B.Coal—Dixon & Merrill. Shaft, 33 ft. 1,200 tons; 150 days; 5 employes. Horse.
B.Coal—Esply & Co. Shaft, 63 ft. 2,500 tons; 300 days; 7 employes. Horse.
B.Coal—Heather & Woods. Shaft, 45 ft. 7,000 tons; 250 days; 18 employes. Horse.
B.Coal—Frank Gillbride. Shaft. 1,500 tons; 240 days; 3 employes. Horse.
B.Coal—Henry Kay. Shaft, 83 ft. 2,000 tons; 200 days; 7 employes. Horse.
B.Coal—Laherty Bros. Shaft, 63 ft. 7,000 tons; 9 employes.
B.Coal—J. D. Meagher. Shaft, 53 ft. 1,500 tons; 200 days; 3 employes. Horse.
B.Coal—Jno. F. Nelson. (Local.)
B.Coal—Alexander Telfer. No. 4 mine. Shaft, 35 ft. 2,600 tons; 250 days; 5 employes. Steam. (Local.)
B.Coal—A. W. Telfer & Son. John K. Telfer, gen. mgr. and buyer. Cap. $3,000. Shaft. 1,500 tons.
B.Coal—John Telfer. Shaft. 750 tons; 3 employes; 120 days. Horse. (Local.)
B.Coal—Thomas L. Thorson. Shaft, 51 ft. 400 tons.
B.Coal—Geo. Wren. (Local.)

MT. OLIVE, Macoupin Co. Pop. 1,986. M.O. Tel. Ry. 176; 763; 913.
B.Coal—Consolidated Coal Co., St. Louis, Mo. No. 8 and 10 shafts, 410 and 428 ft. 400,000 tons; 160 days; 400 employes. Steam.
B.Coal—Mt. Olive Coal Co. Shaft, 445 ft. 180,000 tons; 195 days; 160 employes. Steam.

MT. PULASKI, Logan Co. Pop. 1,357. M.O. Tel. Ry. 381. 668.
B.Coal—Union Coal Co. Shaft, 353 ft. 15,000 tons; 225 days; 18 employes. Steam.

MOWEAQUA, Shelby Co. Pop. 848. M.O. Tel. Ry. 381.
B.Coal—Moweaqua Coal Mining & Mfg. Co. J. E. Gregory, pres.; E. Prescott, v. pres.; A. J. Combs, secy.; J. W. Brown, treas.; C. J. White, gen. mgr. Cap. stk. $50,000, $30,000 pd. up. Moweaqua mine. Shaft. 100 employes. C. J. White, mine supt.

MUDDY VALLEY, Jackson Co. P.O. and Ry. Hallidayboro, 381. Banking town Murphysboro.
B.Coal—Muddy Valley Mining & Mfg. Co. Shaft, 170 ft. 170,000 tons; 240 days; 160 employes. Steam.

MUNCIE, Vermilion Co. Pop. 133. M.O. Tel. Ry. 203. Banking town Danville.
B.Coal—Muncie Coal Co. Shaft, 215 ft. 10,000 tons; 225 days; 20 employes. Steam.

MURPHYSBORO, Jackson Co. Pop. 3,880. M.O. Tel. Ry. 163; 545; 767.
C.I.—Big Muddy Coal & Iron Co. Nos. 4 and 5 and Harrison mines. Shafts, 200, 156 and 171 ft. 300,000 tons; 160 days; 535 employes. Steam. Mine also at Sato.
B.Coal—C. Bryden & Co. (Local.)
B.Coal—Gartside Coal Co. Nos. 1, 3 and 4 shafts, 120, 151 and 146 ft. 135,000 tons; 200 days; 170 employes. Steam.
B.Coal—Edgar Pool. Shaft, 63 ft. 4,000 tons; 200 days; 12 employes. Steam.
B.Coal—St. Louis Ore & Steel Co.
B.Coal—D. P. Willis. Thos. W. Gill, secy. and treas. Cap. $30,000. 20 employes.

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MURRAYVILLE, Morgan Co. Pop. 422. M.O. Tel. Ry. 154. Banking town Jacksonville.
B.Coal—F. Wagstaff. (Local.)

NAPERVILLE, Dupage Co. Pop. 2,216. M.O. Tel. Ry. 167.
Stone—Chicago & Naperville Stone Co., 812 The Temple, Chicago. Limestone. 180 days; 75 employes. Steam. D. Plummer, quarry supt.

NASHVILLE, Washington Co. Pop. 2,084. M.O. Tel. Ry. 138; 479.
B.Coal—Hugh Murray. Shaft, 425 ft. 33,000 tons; 200 days; 40 employes. Steam.

NEOGA, Cumberland Co. Pop. 829. M.O. Tel. Ry. 381; 887.
B.Coal—J. P. McLaughlin. (Local.)

NEPONSET, Bureau Co. M.O. Tel. Ry. 167.
B.Coal—E. W. Riley. (Local.)
B.Coal—Silas Riley. Shaft, 70 ft. 1,000 tons.

NEW BURNSIDE, Johnson Co. Pop. 596. M.O. Tel. Ry. 203. Banking town Stonefort.
B.Coal—Wiley Cox. (Local.)
B.Coal—Dills & Wallace. Tunnel. 2,000 tons; 12 employes.
B.Coal—J. Dupont. (Local.)
B.Coal—J. M. Hampton. (Local.)
B.Coal—Sparks & Co. (Local.)
B.Coal—D. W. Wallace. Local.)
B.Coal—J. M. Wright. (Local.)

NEWCASTLE, Saline Co. Ry. 203. Banking town Harrisburg.
B.Coal—A. Cogdill. (Local.)
B.Coal—Davenport & Alsopp. Shaft, 55 ft. 25,000 tons; 120 days; 45 employes. Steam.
B.Coal—Davenport, Alsopp & White. Shaft, 55 ft. 11,000 tons; 25 employes. Steam.
B.Coal—John Hawkins. (Local.)

NEW PHILADELPHIA, McDonough Co. Pop. 181. M.O. Tel. Ry. 855. Banking town Bushnell.
B.Coal—Daniel Snoke. (Local.)

NEW WINDSOR, Mercer Co. Pop. 477. M.O. Tel. Ry. 167.
B.Coal—J. P. Carlson. (Local.)
B.Coal—J. Peterson. (Local.)
B.Coal—P. C. Peterson. (Local.)

NIANTIC, Macon Co. Pop. 639. M.O. Tel. Ry. 913.
B.Coal—City Coal Co.
B.Coal—Decatur Coal Co., Decatur. Shaft, 375 ft. 50,000 tons; 200 days; 80 employes. Steam.
B.Coal—Niantic Coal Co.

NILWOOD, Macoupin Co. M.O. Tel. Ry. 154. Banking town Girard.
B.Coal—H. Cooper & Son. (Local.)
B.Coal—Nilwood Carbon Coal Co. H. Cooper, pres.; C. Cooper, v. pres. and gen. mgr.; F. W. Cooper, secy., treas. and buyer. Cap. stk. $25,000, pd. up. Nilwood mine. 75,000 tons; 75 employes.

NIOTA, Hancock Co. Tel. Ry. 30. Banking town Fort Madison, Ia.
Stone—Fort Madison and Appanoose Stone Co., Fort Madison, Iowa. Dolomite. One mile ry.

NORRIS, Fulton Co. Pop. 93. M.O. Tel. Ry. 167. Banking town Canton.
B.Coal—Chas. Drawyer. (Local.)
B.Coal—D. H. Williams. Shaft, 116 ft. 45,000 tons; 175 days; 90 employes. Steam.

NORTH ALTON, Madison Co. Pop. 762. M.O. Ry. Alton, 154; 203; 770.
B.Coal—H. Camp. Shaft, 55 ft. 1,500 tons; 200 days; 4 employes. Horse.
B.Coal—Thomas Cowling. (Local.)
B.Coal—Henry Malley. (Local.)
B.Coal—J. Mitchell. (Local.)
B.Coal—Thos. Motley. Shaft, 23 ft. 1,600 tons; 200 days; 5 employes. Horse.
B.Coal—John Pierce & Co. Shaft, 52 ft.
B.Coal—Nathan Sydall. Shaft, 90 ft. 1,500 tons; 200 days; 6 employes. Horse.

OAKPARK, Cook Co. Pop. 4,771. M.O. Tel. Ry. 159; 160.
Stone—Wurst Bros.

OAKWOOD, Vermilion Co. M.O. Tel. Ry. 203.
B.Coal—Middlefork Coal Co.
B.Coal—John Woodard. Cap. $1,000. Shaft. 2,000 tons; 6 employes.

ODIN, Marion Co. Pop. 817. M.O. Tel. Ry. 50; 381. Banking town Salem.
B.Coal—Odin Coal Co. N. B. Morrison, pres.; F. D. Secor, secy.; H. N. Woodward, treas. Cap. stk. $25,000, pd. up. Odin mine. Shaft. 100,000 tons; 125 employes.

O'FALLON, Saint Clair Co. Pop. 865. M.O. Tel. Ry. 50; 479.
B.Coal—Consumers' Coal Co. Ruby and Darrow mines. Shafts, 211 and 191 ft. 60,000 tons; 150 days; 65 employes. Steam.
B.Coal—Joseph Taylor. Shaft, 210 ft. 45,000 tons; 160 days; 55 employes. Steam.

OGLESBY, Lasalle Co. M.O. Ry. 381. Banking town Lasalle.
B.Coal—Illinois Valley Coal Co.
B.Coal—LaSalle County Coal Co. Jones No. 1 mine. Shaft, 400 ft. 135,000 tons; 170 days; 400 employes. Steam.
B.Coal—Oglesby Coal Co. T. T. Bent, pres., treas. and gen. mgr.; H. A. Bent, secy.; E. T. Bent, buyer. Cap. stk. $100,000, pd. up. Oglesby mine. Shaft. 100,000 tons; 275 employes. E. T. Bent, mine supt.

OKAWVILLE, Washington Co. Pop. 472. M.O. Tel. Ry. 479.
B.Coal—Okawville White Smoke Coal Co. Shaft, 330 ft. 7 employes. Steam.
B.Coal—W. Striker.

ONEIDA, Knox Co. Pop. 699. M.O. Tel. Ry. 167.
B.Coal—G. L. Clifford. Two mines. Shaft, 50 ft., and slope. 3,000 tons; 180 days; 14 employes.
B.Coal—Owen Conley. Shaft, 20 ft. 800 tons; 180 days; 2 employes.
B.Coal—James McGovern. Shaft, 25 ft. 3,000 tons; 230 days; 7 employes. Horse.
B.Coal—Charles Morgan. Shaft, 22 ft. 1,000 tons; 130 days; 6 employes.
B.Coal—John White. Shaft, 48 ft. 500 tons; 160 days; 2 employes.

OPDYKE, Jefferson Co. Pop. 150. M.O. Tel. Ry. 479.
B.Coal—S. B. Burnett. (Local.
B.Coal—W. R. Scrivner. (Local.)

OQUAWKA, Henderson Co. M.O. Tel. Ry. 167.
Gold-S.—Robert Nodson.

ORCHARD MINES, Peoria Co. Pop. 100. Tel. Ry. 855. Banking town Peoria.
B.Coal—F. Engleke.
B.Coal—German Co-operative Coal Co. Mine at Hollis. Slope. 10,000 tons; 200 days; 25 employes. Steam.
B.Coal—Thos. Goodwin. Drift. 600 tons; 150 days; 2 employes. Horse.
B.Coal—Frank Lowery, Pekin. No. 1 slope. No. 2 drift. 6,000 tons; 160 days; 25 employes. Steam and horse.
B.Coal—Geo. McCollough. Drift. 600 tons; 150 days. Horse.
B.Coal—Geo. & L. Maple. (Local.)
B.Coal—Matthew Nesselhouse. Drift. 500 tons; 125 days. Horse.
B.Coal—J. L. Petre. (Local.)
B.Coal—Jno. W. Powell. (Local.)
B.Coal—Jas. Reagan. (Local.)
B.Coal—D. B. Roberts. Tunnel, 400 ft. 600 tons; 125 days; 3 employes.
B.Coal—Wheeler Bros. (Local.)

ORO, Vermilion Co. Ry. Collison, 155.
B.Coal—Henry Ditzler. (Local.)
B.Coal—Wm. Campbell. (Local.)

OSCEOLA, Stark Co. Pop. 99. Banking town and Ry. Toulon, 744.
B.Coal—Jas. Green. Slope. 1,000 tons; 200 days; 5 employes. Horse.

PANA, Christian Co. Pop. 5,100. M.O. Tel. Ry. 50; 203; 381.
B.Coal—Pana Coal Mining Co. Shaft, 750 ft. 250,000 tons; 275 days. Steam. J. Brachl, mine supt.
B.Coal—Penwell Coal Mining Co. Geo. V. Penwell, pres. and treas.; L. Schlurbach, v. pres.; Warren Penwell, secy. Penwell mine. Shaft, 730 ft. 200,000 tons; 200 days; 250 employes. Steam. Geo. Rollo, mine supt.
B.Coal—Springside Coal Mining Co. D. J. Overholt, pres., treas. and gen. mgr.; O. Overholt, v. pres.; Lewis Overholt, secy. and buyer. Cap. stk. $50,000, pd. up. Springside mine. Shaft, 725 ft. 200,000 tons; 250 days; 200 employes. John Duddey, M. E., mine supt.

PARKERSBURG, Richland Co. Pop. 196. M.O. Tel. Ry. 668. Banking town Olney.
B.Coal—Wm. Linika. (Local.)

PAWNEE, Sangamon Co. Pop. 300. M.O. Ry. 654.
Stone—M. M. Martin.

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PEKIN, Tazewell Co. Pop. 6,847. M.O. Tel. Ry. 30; 176; 203; 667; 668.
B.Coal—Bohlander Bros. Shaft, 136 ft. 4,500 tons; 200 days; 8 employes. Steam.
B.Coal—Louis Grant & Sons. Shaft, 110 ft. 14,000 tons; 190 days; 20 employes. Steam.
B.Coal—Wm. Grant.
B.Coal—Frank Lowery. Mine at Orchard mines.
B.Coal—J. Mace. (Local.)
B.Coal—Wm. Rundle. Shaft, 119 ft. 11,000 tons; 165 days; 24 employes. Steam.

PEORIA, Peoria Co. Pop. 43,500. M.O. Tel. Ry. 154; 167; 176; 179; 203; 391; 445; 667; 668; 668a; 744; 870; 855.
B.Coal—John Allen. Drift. 400 tons.
B.Coal—Wm. Arnold.
B.Coal—Edward Brost. No. 1 drift. No. 2 slope. 7,000 tons; 135 days; 14 employes. Horse and steam.
B.Coal—O. Brost.
B.Coal—John Burges. Drift. 1,200 tons; 180 days; 2 employes. Horse.
Stone—Central City Stone Co. Limestone.
Stone—Robt. Clark. Limestone.
B.Coal—Richard Cody. Shaft, 75 ft. 7,000 tons; 220 days; 9 employes. Horse.
B.Coal—Consolidated Coal Co., St. Louis, Mo. Millard mine. Drift. 37,500 tons; 175 days; 24 employes. Steam. Star Mine. Shaft, 180 ft. 25,000 tons; 190 days; 18 employes. Steam.
B.Coal—Wm. Cook. Drift. 12,000 tons; 140 days; 4 employes. Horse.
B.Coal—Dan'l Driscoll. Drift. 1,400 tons; 190 days; 3 employes.
B.Coal—Edwards Coal Co.
B.Coal—John Glen. Drift. 5,500 tons; 200 days; 7 employes. Horse.
B.Coal—Peter Grant. Shaft, 145 ft. 2,300 tons; 240 days; 30 employes. Steam.
B.Coal—W. P. Grant. Slope. 1,800 tons; 225 days; 5 employes. Steam.
B.Coal—Harriman & McMasters. Drift. 2,000 tons; 180 days; 4 employes. Horse.
B.Coal—Illinois Coke & Coal Co.
B.Coal—Joose & Dalrymple. Drift. 600 tons; 180 days.
B.Coal—Keefe, Masterson & Son.
B.Coal—Peter Kramp.
B.Coal—Edward Little Mining Co.
B.Coal—Mrs. Jno. Louch.
Stone—J. Mantz & Son. Limestone. Steam.
B.Coal—Maplewood Coal Mining Co., cor. Adams and Fulton sts. L. D. Puterbaugh, pres.; J. O. Parker, v. pres.; M. McMorrow, M. E., secy., gen. mgr. and buyer; Peter Anicker, treas. Cap. stk. $100,000, $75,000 pd. up. Mine at Farmington.
B.Coal—Masterson & Keefe.
B.Coal—Millard & Wolschlag.
B.Coal—A. W. Moffat.
B.Coal—Henry Mohn. (Local.)
B.Coal—Mrs. K. Mohn. Shaft, 45 ft. 4,000 tons; 200 days; 7 employes. Horse.
B.Coal—Wm. Mohn. Drift. 800 tons; 100 days; 3 employes. Horse.
B.Coal—Lyman Monroe. Drift. 1,700 tons; 180 days; 4 employes. Horse.
B.Coal—Newsam Bros.
B.Coal—Peoria Coal Mining Co.
Gold-S.—Peoria Gold & Silver Mining Co. Mine at Irontown, Colo.
Roll.M.—Peoria Steel & Iron Co. Geo. J. Gibson, pres.; J. B. Greenhut, v. pres.; B. J. Greenhut, secy. and treas. Cap. stk. $500,000, pd. up. Six heating furnaces; 4 trains rolls, one 18 in., one 10 in., two 8 in. 300 employes. Steam. C. T. Smyth, supt.
B.Coal—Plender Bros. (Local.)
B.Coal—Frank Rewart. Slope. 2,500 tons; 140 days; 4 employes. Steam.
B.Coal—Chas. Ritchie. Drift. 500 tons; 190 days; 3 employes.
B.Coal—Royster Bros., 729 Lincoln ave. Empire mine. Shaft, 115 ft. 16,000 tons; 240 days; 25 employes. Steam.
B.Coal—John Saupe. Drift. 2,500 tons; 215 days; 4 employes. Horse.
B.Coal—F. P. Schmidt. No. 1 drift. No. 2 shaft, 55 ft. 12,000 tons; 240 days; 17 employes. Horse.
B.Coal—Adam Sholl. (Local.)
B.Coal—Jas. Slean. (Local.)
B.Coal—Henry Vicary. Drift. 1,200 tons; 200 days.
B.Coal—Vickery Bros. Drift. 10,000 tons; 200 days; 17 employes. Horse.
B.Coal—Wesley-Union Fuel Co.
B.Coal—W. J. White. Drift. 3,500 tons; 150 days; 10 employes. Horse.
B.Coal—Wolland Bros. Drift. 7,000 tons; 250 days; 10 employes. Horse.

PERCY, Randolph Co. Pop. 360. M.O. Tel. Ry. 545; 914. Banking town Sparta.
B.Coal—Wm. Barnard, Chester, Ill. Barnard mine. Steam.
B.Coal—Wm. Goalby & Son. Two shafts, 82 and 107 ft. 20,000 tons; 210 days; 50 employes. Steam.

PERCY—Continued.
B.Coal—Little Muddy Coal Co. Shaft, 80 ft. 17,000 tons; 200 days; 50 employes. Steam.
B.Coal—R. H. Rosbrough, Sparta. Shaft, 30 ft. 20,000 tons; 225 days; 35 employes. Steam.
B.Coal—Rosbrough & Moffatt.

PERRY, Pike Co. Pop. 705. M.O. Ry. Griggsville, 913.
B.Coal—Dean & Hopper. (Local.)
B.Coal—Perry Coal Co.
B.Coal—Uhe & Soper. (Local.)

PERRY STATION, Jackson Co. P.O. Grubb. Ry. 767.
B.Coal—William Campbell. Slope, 60 ft. 200 tons pea coal; 200 days; 2 employes. Horse.

PERU, Lasalle Co. Pop. 5,600. M.O. Tel. Ry. 167; 179.
B.Coal—James Cahill Est. Shaft, 400 ft. 68,000 tons; 160 days; 175 employes. Steam.
B.Coal—LaSalle County Carbon Coal Co. LaSalle Union mine. 110,000 tons; 170 days; 350 employes. Steam.

PETERSBURG, Menard Co. Pop. 2,342. M.O. Tel. Ry. 154; 176.
B.Coal—Jno. A. Brahm. Shaft, 75 ft. 10,000 tons; 145 days; 25 employes. Steam.
B.Coal—Cabanis & Oxford. (Local.)
B.Coal—Chicago & Kansas City Coal Co., 1570, 84 Van Buren st., Chicago. Hill Top mine. Shaft, 150 ft. 150,000 tons; 250 days; 100 employes. Steam.
B.Coal—J. & P. Gaffigan. Shaft, 105 ft. 9,000 tons; 200 days; 25 employes. Steam.
B.Coal—Levi Hohimer. Shaft, 80 ft. 3,500 tons; 250 days; 7 employes. Horse.
B.Coal—Petersburg Co-operative Coal Co.
B.Coal—Wm. Rice. (Local.)
B.Coal—South Valley Coal Co.

PILOT, Vermilion Co. Banking town and Ry. Danville, 155; 203; 913.
B.Coal—Alexander Bonnett. Shaft, 86 ft. 2,000 tons; 200 days; 7 employes.

PINCKNEYVILLE, Perry Co. Pop. 1,298. M.O. Tel. Ry. 167; 914.
B.Coal—G. W. Brown. Shaft, 86 ft. 16,000 tons; 180 days; 45 employes. Steam.
B.Coal—Faust, Turner & Burk. Shaft, 93 ft. 30,000 tons; 225 days. Steam.
B.Coal—Wood Bros. Shaft, 86 ft. 1,200 tons; 250 days; 3 employes. Horse.

PLEASANT PLAINS, Sangamon Co. Pop. 518. M.O. Tel. Ry. 50.
B.Coal—Springfield & Pleasant Plains Coal Co. L. E. Wheeler, pres.; Jas. M. Graham, secy.; M. Connelley, treas.; John McLean, gen. mgr. and buyer. Cap. stk. $8,000, pd. up. Shaft. 12,000 tons; 25 employes. Steam.

PLEASANT VIEW, Schuyler Co. Ry. Frederick, 167. Banking town Rushville.
B.Coal—Allen & Nelson. (Local.)
B.Coal—Henry Croxton. Drift. 500 tons.
B.Coal—Walter Croxton. Drift. 400 tons.
B.Coal—W. Croxton, Jr. (Local.)
B.Coal—Nathan Parish. (Local.)
B.Coal—Pleasant View Coal Co. (Local.)
B.Coal—John Quinn. (Local.)
B.Coal—Spillers & Allen. Drift. 1,800 tons; 110 days; 7 employes. Horse.
B.Coal—D. Stoneking. (Local.)
B.Coal—J. Van Roy. (Local.)

PONTIAC, Livingston Co. Pop. 2,784. M.O. Tel. Ry. 154; 381; 913.
B.Coal—Pontiac Coal Co.
B.Coal—Smith & Hilf. Shaft, 238 ft. 12,000 tons; 200 days; 18 employes. Steam.

POTTSTOWN, Peoria Co. Ry. 167.
B.Coal—J. Abberly. (Local.)
Coal—E. M. Cannon. Drift. 3,000 tons; 150 days; 7 employes.
B.Coal—Howarth & Taylor Bros.
B.Coal—Joseph Marrie. Drift. 2 employes.
B.Coal—Samuel Potts. Drift. 2,000 tons.
B.Coal—Jesse Stafford. (Local.)
B.Coal—Isaac Wantling & Son. Slope. 20,000 tons; 200 days; 50 employes. Steam.

PRAIRIE CITY, McDonough Co. Pop. 812. M.O. Tel. Ry. 167.
B.Coal—A. Hartford. (Local.)
B.Coal—R. J. Hoy. (Local.)

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PRE-EMPTION, Mercer Co. Pop. 150. M.O. Ry. 744. Banking town Reynolds.
B.Coal—Edward Borden. Slope. 1,200 tons; 160 days; 4 employes. Steam.
B.Coal—Thos. D. & Peter Docherty. Shaft, 67 ft. 2,500 tons; 220 days; 6 employes. Horse.

PRESTON, Randolph Co. Ry. 138.
B.Coal—Weir & Lively. (Local.)

PRINCETON, Bureau Co. Pop. 3,396. M.O. Tel. Ry. 167.
B.Coal—Geo. Heathcock. Shaft, 200 ft. 5,000 tons; 160 days; 12 employes. Horse.
B.Coal—J. Nicholls. (Local.)
B.Coal—A. W. Walton. Shaft, 148 ft. 3,000 tons; 10 employes. Horse.

PULLMAN, Cook Co. M.O. Tel. Ry. 381; 483.
Roll.M.—Pullman Iron & Steel Co.

PUTNAM, Putnam Co. Pop. 300. M.O. Tel. Ry. 179. Banking town Henry.
B.Coal—Brockhouse & Parker.

QUINCY, Adams Co. Pop. 32,000. M.O. Tel. Ry. 167; 362; 717; 913.
G.S.—Grand Lake Mining & Smelting Co. Gold and silver.
B.Coal—Wabash Coal Co.

RAPIDS CITY, Rock Island Co. Tel. Ry. 174. Banking town Port Byron.
B.Coal—Jno. Ziegler & Co. (Local.)

RAY, Schuyler Co. Pop. 109. Tel. Ry. 167.
B.Coal—David Fry. Drift. 200 tons.
B.Coal—Rufus Porter. Drift. 1,600 tons; 120 days; 8 employes.
B.Coal—Frank Stockton. Drift. 300 tons.
B.Coal—Abner Winner. Drift. 1,200 tons; 100 days; 7 employes.

READING, Livingston Co. Pop. 100. Tel. Ry. 30. Banking town Streator.
B.Coal—Lukins & Cavanaugh. (Local.)

REED, Henderson Co. P.O. Wilmington. Ry. Kirkwood, 167.
B.Coal—Reed City Coal & Mining Co.

RENTCHLER, St. Clair Co. Pop. 93. Ry. 479. Banking town, Belleville.
B.Coal—Mathews Case Coal Co. Shaft, 126 ft. 20,000 tons; 150 days; 27 employes. Steam.
B.Coal—Lloyd & Son. (Local.)
B.Coal—Missouri & Illinois Coal Co., Belleville. Shaft, 126 ft. 40,000 tons; 220 days; 35 employes. Steam.
B.Coal—J. W. Moser. (Local.)
B.Coal—Wm. Ogden & Bro. Shaft, 126 ft. 5,000 tons; 20 employes. Steam.
B.Coal—Rentchler Coal Co.

RIDGELY, Sangamon Co. Pop. 668. M.O. Ry. 176. Banking town Springfield.
B.Coal—Springfield Coal Mining & Talc Co.
B.Coal—Springfield Junct. Coal Co.
B.Coal—Wilmington & Springfield Coal Co.

RIO, Knox Co. Pop. 188. M.O. Tel. Ry. 167. Banking town Galesburg.
B.Coal—Grant & Brown. (Local.)
B.Coal—Jno. Lewis. (Local.)

RIPLEY, Brown Co. Pop. 304. M.O. Ry. and Banking town Mt. Sterling, 913.
B.Coal—T. F. Lewis. (Local.)
B.Coal—Jerry C. Neil.

RIVERTON, Sangamon Co. Pop. 1,500. M.O. Tel. Ry. 913. Banking town Springfield.
B.Coal—Riverton Coal Co., 1570, 84 Van Buren st., Chicago. No. 1 and No. 2 mines. Shaft, 250 ft. 500,000 tons; 250 days; 300 employes. Steam. Wm. G. Smith, mine supt.

ROANOKE, Woodford Co. Pop. 850. M.O. Tel. Ry. 30.
B.Coal—Roanoke Mining Co. Shaft, 530 ft. 160,000 tons; 250 days; 180 employes. Steam.

ROBINSONS CREEK, Shelby Co. Banking town and Ry. Shelbyville, 155; 203.
B.Coal—C. Bowers. Drift. 500 tons.
B.Coal—John Cox. Drift. 400 tons.

ROCKBRIDGE, Greene Co. Pop. 336. M.O. Tel. Ry. 167. Banking town Greenfield.
B.Coal—Trill Bros. Slope. 320 tons. (Local.)

ROCKFORD, Winnebago Co. Pop. 23,584. M.O. Tel. Ry. 160; 167; 174; 381.
Gold-S.—Continental Gold & Silver Mining Co.

ROCK ISLAND, Rock Island Co. Pop. 13,700. M.O. Tel. Ry. 167; 174; 179; 744.
B.Coal—Banner Coal Co.
B.Coal—Coal Valley Mining Co. Mine at Cable.
G.S.—Rock Island Gold Mining Co., 210 18th st. John Ohlweiler, pres.; Carl Rochow, v. pres.; W. B. Ferguson, secy. and treas. Cap. stk. $1,000,000, pd. up. Mine at Boulder, Colo.

ROODHOUSE, Greene Co. Pop. 2,360. M.O. Tel. Ry. 154.
B.Coal—James Allen. Birch Creek mine. Tunnel, 100 ft. (Local.)
B.Coal—Jas. Rigley. (Local.)
B.Coal—Brickey & Co. (Local.)
B.Coal—Richard Carrollton. Drift. 400 tons.
B.Coal—Carter Coal Co. Shaft, 35 ft.
B.Coal—F. Cummings. Drift. 400 tons.
B.Coal—John Griffiths. Drift. 1,000 tons; 6 employes.
B.Coal—Thos. Griffiths. Drift. 1,400 tons; 6 employes.
B.Coal—Hamilton & Atkinson. Drift. 1,400 tons; 180 days; 8 employes. Steam.
B.Coal—E. Hayes. Drift. 300 tons.
B.Coal—Samuel Israel. Drift. 150 tons.
B.Coal—Truitt & Israel. Shaft, 50 ft. 1,800 tons; 150 days; 6 employes.

ROSBORO, Randolph Co. Ry. 133; 545.
B.Coal—Roseborough Coal Co.

ROSEVILLE, Warren Co. M.O. Tel. Ry. 167.
B.Coal—Dan. Bird. (Local.)
B.Coal—Bird & Pratt. Shaft, 30 ft. 250 tons. Horse.
B.Coal—E. B. Carpenter. Slope. 350 tons. Horse.
B.Coal—Geo. Farrah. Slope. 150 tons.
B.Coal—Thomas Lee.
B.Coal—John Little. Shaft. 640 tons; 6 employes. (Local.)
B.Coal—Jos. Ritcher. Shaft, 23 ft. 150 tons.
B.Coal—J. V. White. Drift. 400 tons.

ROSICLARE, Hardin Co. Pop. 374. Ry. 626. Banking town Elizabethtown.
Iron—Hopkins Louden.
L.Z.—Felt Fluor-Spar Mining Co.

RUSHVILLE, Schuyler Co. Pop. 2,100. M.O. Tel. Ry. 167.
B.Coal—Bates & Bechtol. (Local.)
B.Coal—Cummings & Groves. Slope, 800 ft. 6 employes. John Groves, mine supt.
B.Coal—Jno. & Perry Hodge.
B.Coal—Jno. Kerr & Son. Shaft, 53 ft. 5,000 tons; 125 days; 15 employes. Steam.
B.Coal—Rushville Coal Co.
B.Coal—J. Williams & Wm. Kerr. Wm. Kerr, buyer. Shaft, 48 ft. 3,000 tons; 220 days; 5 employes.

RUTLAND, Lasalle Co. Pop. 509. M.O. Tel. Ry. 381.
B.Coal—Emerson Hakes.
B.Coal—Northern Illinois Coal Co. Shaft, 580 ft. 20,000 tons; 150 days; 125 employes. Steam.
B.Coal—Rutland Coal Co.

ST. DAVID, Fulton Co. M.O. Tel. Ry. 167. Banking town Canton.
B.Coal—Jas. Patterson. (Local.)
B.Coal—Carbon Coal Co.
B.Coal—Whitebreast Fuel Co., 940 Rookery bldg., Chicago. Mine "D." Shaft, 70 ft. 50,000 tons; 150 days; 100 employes. Steam. Alex. Jenkins, mine supt.
B.Coal—D. H. Williams. Shaft, 70 ft. Steam.
B.Coal—Taylor Williams. (Local.)

ST. JOHN, Perry Co. Pop. 495. M.O. Tel. Ry. 831. Banking town Duquoin.
Salt—Holliday Salt Co.
B.Coal—Illinois Central Coal & Salt Co., Cairo. Slope, 100 ft. 50,000 tons; 190 days; 115 employes. Steam.
B.Coal—Wm. Plumbee. (Local.)
B.Coal—Sun Coal Co. (Local.)

SALEM, Marion Co. Pop. 1,493. M.O. Tel. Ry. 50; 175.
B.Coal—J. L. Middleton. (Local.)
B.Coal—Salem Coal Co. Shaft, 890 ft. 7,000 tons; 200 days; 14 employes. Steam.

SALINE MINES, Gallatin Co. Pop. 82. Banking town and Ry. Shawneetown, 50; 479.
B.Coal—Andrew Reid.

SALISBURY, Sangamon Co. Pop. 113. Ry. Farmingdale, 50. Banking town Springfield.
B.Coal—W. H. Golloday.

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SANDOVAL, Marion Co. Pop. 834. M.O. Tel. Ry. 50; 361.
B.Coal—Sandoval Coal Mining Co. Shaft. 165,000 tons; 265 days; 120 employes. Steam.

SAUNEMIN, Livingston Co. Pop. 366. M.O. Tel. Ry. 913.
B.Coal—Witbeck & Chicago Coal & Lumber Co.

SATO, Jackson Co. Tel. Ry. Ava, 545. Banking town Murphysboro.
B.Coal—Ditzler & Mercke.
B.Coal—Dryden Coal Co.
B.Coal—Murphysboro Big Muddy Coal Co. Shaft, 30 ft. 600 tons.
B.Coal—Sato Coal Mining Co. Shaft, 30 ft. 25,000 tons; 175 days; 35 employes. Steam.
B.Coal—Schaffer, Jones & Co. Slope. 40,000 tons; 250 days. Steam.

SENECA, Lasalle Co. Pop. 1,190. M.O. Tel. Ry. 179; 408a.
B.Coal—McCleary & Pendergast. (Local.)
B.Coal—Platt Coal Co.
B.Coal—Standard Coal Co. Shaft, 106 ft. 10,000 tons; 150 days; 45 employes. Steam.

SEVILLE, Fulton Co. Pop. 80. Ry. 855. Banking town Smithfield.
B.Coal—A. J. Lane. Drift. 400 tons. Horse.

SHAWNEETOWN, Gallatin Co. Pop. 2,100. M.O. Tel. Ry. 50; 479.
B.Coal—Bowlesville Coal Co.
B.Coal—Leon Vogt. Drift. 1,000 tons; 170 days; 4 employes.

SHEFFIELD, Bureau Co. Pop. 994. M.O. Tel. Ry. 179.
B.Coal—Wm. Brandt. (Local.)
B.Coal—Collins & Paul. (Local.)
B.Coal—John Duncan. Shaft, 30 ft. 1,000 tons; 220 days; 4 employes. Horse.
B.Coal—Peter Duncan. Slope. 1,100 tons; 175 days; 3 employes. Horse.
B.Coal—Jos. Fleming. Shaft, 45 ft. 600 tons; 170 days; 4 employes. Horse.
B.Coal—Hodgett Bros. Slope. 4,000 tons; 260 days; 12 employes. Horse.
B.Coal—H. W. Lloyd. (Local.)
B.Coal—Sheffield Mining Co. Slope. 18,000 tons; 275 days; 50 employes. Horse.

SHELBYVILLE, Shelby Co. Pop. 3,162. M.O. Tel. Ry. 155; 203.
B.Coal—M. Brophy. Brophy mine. Shaft, 100 ft. 20,000 tons; 200 days; 8 employes. Horse.
B.Coal—J. Jackson & Co. Shaft, 50 ft. 10 tons per day; 5 employes. Horse.
B.Coal—Kelly & Co. (Local.)
B.Coal—C. J. Kurtz. (Local.)
B.Coal—E. Stretch. (Local.)
B.Coal—Frank Stretch. Shaft, 92 ft. 1,000 tons; 170 days; 5 employes. Horse.
B.Coal.—John Richardson. Shaft, 65 ft. 4,000 tons; 180 days; 10 employes. Horse.

SHIPMAN, Macoupin Co. Pop. 410. M.O. Tel. Ry. 154. Banking town Brighton.
B.Coal—Shipman Coal Co.

SMITHBORO, Bond Co. Pop. 393. Tel. Ry. 398; 870 Banking town Greenville.
B.Coal—Smithboro Coal Mining Co.

SMITHTON, St. Clair Co. Pop. 411. Banking town and Ry. Belleville, 479; 482; 767.
B.Coal—Lewis Grossman. Slope. 700 tons; 300 days.
B.Coal—Johnson & Son. Slope. 400 tons; 300 days.

SONORA, Hancock Co. Pop. 250. Ry. Montrose, Ia., 167. Banking town Nauvoo.
B.Coal—Jno. Northrup. (Local.)

SOPERVILLE, Knox Co. Ry. Galesburg, 167; 323.
B.Coal—Geo. W. Essex. Cap. $25,000. Mine at Galesburg.
B.Coal—Ben Lewis. (Local.)

SORENTO, Bond Co. Pop. 538. M.O. Tel. Ry. 398; 887.
B.Coal—Sorento Coal Co. Shaft, 380 ft.
B.Coal—Sorento Prospecting & Mining Co. Shaft, 380 ft. 80,000 tons; 160 days; 75 employes. Steam.

SOUTH AMERICA, Saline Co. Pop. 38. Banking town and Ry. Harrisburg, 203.
B.Coal—Jno. Curtner. (Local.)
B.Coal—Harris & Motsinger. (Local.)
B.Coal—W. V. Rush. (Local.)
B.Coal—Bryant Thompson. (Local.)

SPARKS HILL, Hardin Co. Pop. 33. Ry. Shawneetown, 50; 479. Banking town Elizabethtown.
B.Coal—B. F. Hall. (Local.)

SPARLAND, Marshall Co. Pop. 471. M.O. Tel. Ry. 179. Banking town Lacon.
B.Coal—Geo. Chrisman. Drift. 500 tons; 180 days.
B.Coal—Cumming & Co. Shaft, 167 ft. 15,000 tons; 125 days; 55 employes. Steam.
B.Coal—Henry Davis. Drift. 400 tons; 150 days.
B.Coal—Geo. Kear. (Local.)
B.Coal—Mary Knox. (Local.)
B.Coal—B. Lanning. Drift. 200 tons.
B.Coal—Andrew Nelson. Drift. 350 tons; 130 days.
B.Coal—Sparland Coal Co. Wm. Riddle, mgr.
B.Coal—Cyrus Wright. Drift. 500 tons; 165 days.

SPARTA, Randolph Co. Pop. 1,979. M.O. Tel. Ry. 138; 545.
B.Coal—D. B. Boyd. Shaft, 100 ft. 24,000 tons; 160 days; 25 employes. Steam.
B.Coal—James Davison. (Local.)
B.Coal—Geo. F. Gerlach. Shaft, 40 ft. 2,000 tons; 200 days; 5 employes. Horse.
B.Coal—Rosbrough Coal & Manufacturing Co. Shaft, 40 ft. 23,000 tons; 230 days; 33 employes. Steam.
B.Coal—R. H. Rosbrough. Mine at Percy.
B.Coal—Valley & Gulf Coal Co. Shaft, 150 ft. 35,000 tons; 220 days; 55 employes. Steam.

SPAULDING, Sangamon Co. M.O. Ry. 381.
B.Coal—C. H. Besee. (Local.)
B.Coal—E. Evans. (Local.)
B.Coal—J. Evans. (Local.)
B.Coal—W. Gill. (Local.)
B.Coal—C. Hacket. (Local.)
B.Coal—F. T. Mauchlar. (Local.)
B.Coal—Phoenix Coal Co. Shaft, 225 ft. 25,000 tons; 120 days; 50 employes. Steam.
B.Coal—F. Singer. (Local.)
B.Coal—Wm. Starne. (Local.)
B.Coal—John Wilke. (Local.)

SPRINGFIELD, Sangamon Co. Pop. 26,960. M.O. Tel. Ry. 50; 154; 176; 381; 770; 913.
B.Coal—Barclay Mining Co.
B.Coal—Black Diamond Coal & Tile Co. J. W. Moon, pres.; R. C. Solomon, secy. and treas. Mine at Iles Junction.
B.Coal—Geo. N. Black.
B.Coal—Capital Co-operative Coal Co. Shafts Nos. 1 and 2. 90,000 tons; 200 days; 125 employes. Steam.
B.Coal—Central Co-operative Coal Co.
B.Coal—Citizens' Coal Mining Co. Shaft. 12,000 tons; 170 days; 34 employes. Steam.
B.Coal—Clear Lake Co-operative Coal Co. 65 employes. Steam.
Insp.—John Keay, state inspector of mines, 5th inspection district.
B.Coal—Sangamon Coal Co., Franklin bldg. F. E. Tracy, pres.; F. R. Fisher, secy. and buyer. Cap. stk. $40,000, pd. up. Sangamon No. 2 mine. Shaft. 118,000 tons; 116 employes.
B.Coal—Springfield Coal Co.
B.Coal—Springfield Co-operative Coal Co. Shaft, 255 ft. 50,000 tons; 175 days; 65 employes. Steam.
Roll.M.—Springfield Iron Co.
B.Coal—Springfield Sangamon Coal Co. (See Sangamon Coal Co.)
B.Coal—Springfield Stark Coal Co.
B.Coal—Starnes Coal & Mining Co. C. A. Starne, pres.; Jas. Walsh, treas. and gen. mgr. Cap. stk. $65,000. Open pit. 100,000 tons; 270 days; 150 employes. Steam.
B.Coal—Wilmington & Springfield Coal Co. Mine at Ridgely.
B.Coal—Woodside Coal Co. Mine at Iles Junction.

SPRINGVALLEY, Bureau Co. Pop. 3,840. M.O. Tel. Ry. 160; 167; 179.
B.Coal—Spring Valley Coal Co. M. H. Taylor, pres.; Chas. H. Strong, v. pres.; W. A. Luce, secy.; F. J. Kennedy, treas.; S. M. Dalzell, gen. mgr. and buyer. Cap. stk. $2,500,000, pd. up. Shafts Nos. 1, 2, 3 and 4. 5,000 tons daily capacity. 2,200 employes. Steam.

STEELEVILLE, Randolph Co. Pop. 401. M.O. Tel. Ry. 914. Banking town Chester.
B.Coal—James L. Brown. Shaft. 400 tons; 200 days.
B.Coal—Julius Smith. (Local.)

STONEFORT, Saline Co. Pop. 464. M.O. Tel. Ry. 203.
B.Coal—I. Burgen. (Local.)
B.Coal—H. P. Sittig. Drift. 830 tons; 110 days; 3 employes. Horse
B.Coal—P. B. Stagner. (Local.)
B.Coal—Stone Fort Mining Co.

STREATOR, Lasalle Co. Pop. 11,414. M.O. Tel. Ry. 30; 154; 167; 385; 913.
B.Coal—Acme Coal Co. Jas. Condren, pres.; Robt. Fairbairn, secy.; Edw. Atkinson, gen. mgr. Shaft, 100 ft. 75,000 tons; 250 days; 150 employes. Ry. switch ¾ mile.

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STREATOR—Continued.
B.Coal—Jno. S. Baer & Co. (Local.)
B.Coal—M. Baldwin & Son. (Local.)
B.Coal—M. J. Barackman & Son. (Local.)
B.Coal—Barton & Manahan. (Local.)
B.Coal—Alex. Bergreen & Son. (Local.)
B.Coal—Wm. Burrell. (Local.)
B.Coal—Chicago, Wilmington & Vernon Coal Co. Nos. 1 and 2 shafts. 100,000 tons; 120 days; 350 employes. Steam.
B.Coal—Coal Run Coal Co.
B.Coal—Coalville Coal Association.
B.Coal—Conquelin & Co. Slope. 10,000 tons; 150 days. Horse.
B.Coal—E. B. Dawson. (Local.)
B.Coal—Eagle Clay Works. Shaft. 16 employes. Steam.
B.Coal—Richard Evans. (Local.)
B.Coal—Wm. Howe & Co.
Insp.—James A. Keating, mining engineer. State mine inspector, 1st district.
B.Coal—Oscar Kimes.
B.Coal—Sylvester Kirnes. Shaft, 34 ft. 2,000 tons; 250 days; 11 employes. Horse.
B.Coal—Wm. Lawton. (Local.)
B.Coal—Luther & Tyler Coal Co.
B.Coal—John Marshall. (Local.)
B.Coal—Marshall & Simpkins.
B.Coal—C. A. Munce. (Local.)
B.Coal—Nelson & Westerbund. Shaft, 25 ft. 3,500 tons; 150 days; 9 employes. Horse.
B.Coal—Pleasant Hill Coal Co.
B.Coal—Nelson Plumb. Shaft, 115 ft. 85,000 tons; 265 days; 175 employes. Steam.
B.Coal—Price & Jones. Shaft, 38 ft. 80 tons per day; 37 employes. Horse.
B.Coal—River Bank Coal Co.
B.Coal—Peter Ryan. (Local.)
B.Coal—Rynn & Roberts. Shaft, 36 ft. 400 tons; 125 days. Horse.
B.Coal—Spring Hill Co.
B.Coal—Star Coal Co.
B.Coal—Streator Clay Mfg. Co.
B.Coal—D. W. Thorn. Slope. 600 tons; 5 employes. Horse.

SUEZ, Mercer Co. Pop. 26. Ry. Viola, 167.
B.Coal—Wm. Barr. (Local.)

SUMMUM, Fulton Co. Pop. 168. Banking town and Ry. Astoria, 167.
B.Coal—J. D. Bankert. Drift. 100 tons.
B.Coal—Solomon Shaffer. Drift. 300 tons.

SUNFIELD, Perry Co. Ry. 381. Banking town Duquoin.
B.Coal—Sun Coal & Coke Co. Robt. Dick, supt. and buyer. 75 employes.

SWANCREEK, Warren Co. Pop. 121. M.O. Tel. Ry. 167. Banking town Roseville.
B.Coal—Jos. Simpson. Drift. 200 tons.
B.Coal—Jno. A. Van Winkle. (Local.)
B.Coal—Jos. Wilson. Drift. 350 tons.

SWEETWATER, Menard Co. Pop. 225. Banking town and Ry. Greenview, 154.
B.Coal—Wm. Parkin. Mine at Greenview.
B.Coal—Sweet Water Coal Co.

TABLEGROVE, Fulton Co. Pop. 375. M.O. Tel. Ry. 167.
B.Coal—C. J. Pickering. (Local.)
B.Coal—C. A. Swanson. (Local.)

TALLULA, Menard Co. Pop. 445. M.O. Tel. Ry. 154.
B.Coal—Tallula Coal Mining Co.

TAMAROA, Perry Co. M.O. Tel. Ry. 381; 914.
B.Coal—Barbour & Sons. Shaft, 206 ft. 7,000 tons; 200 days; 15 employes. Steam.
B.Coal—Cox Coal Mining Co.
B.Coal—E. C. Cuhl.
B.Coal—G. L. Stockton. Shaft, 214 ft, 12,000 tons; 150 days; 16 employes. Steam.

TAYLORVILLE, Christian Co. Pop. 2,829. M.O. Tel. Ry. 50; 913.
B.Coal—Taylorville Coal Co. Shaft, 470 ft. 150,000 tons; 200 days; 125 employes. Steam.

TENNESSEE, McDonough Co. Pop. 313. M.O. Tel. Ry. 167. Banking town Colchester.
B.Coal—John McIntyre, Industry. Drift. 200 tons.
B.Coal—A. Newland. (Local.)
B.Coal—Russell & Dewitt. (Local.)
Coal—Shifely & Russell Coal Co. Coal mine. (Idle.)
B.Coal—Fergus Whalen. Drift. 1,400 tons; 250 days; 8 employes.

THEBES, Alexander Co. Pop. 175. M.O. Ry. Hodges Park, 545. Banking town Commerce, Mo.
Lith.Stone—Bannerman & O'Neil. Lithographic stone. M. O'Neil, supt.
Lith.Stone—Central Lithographic Stone Co., East St. Louis. (Idle.)

TILDEN, Randolph Co. Pop. 83. Ry. 767. Banking town Marissa.
B.Coal—Tilden Coal Co.

TOLUCA, Marshall Co. M.O. Tel. Ry. 30.
B.Coal—Devlin Coal Co. Shafts Nos. 1, 2 and 3; 512, 508 and 516 ft. 60,000 tons.

TOULON, Stark Co. Pop. 945. M.O. Tel. Ry. 744.
B.Coal—Oscar Bass. (Local.)
B.Coal—Aaron Newton. Drift. 350 tons; 125 days.
B.Coal—Henry Newton. Cap. $4,000. Tunnel. 7,000 bushels.
B.Coal—Wm. Newton. Drift. 500 tons; 160 days.

TRIVOLI, Peoria Co. Pop. 300. M.O. Tel. Ry. 391. Banking town Peoria.
B.Coal—Robert H. Goss. (Local.)

TRURO, Knox Co. Banking town and Ry. Williamsfield, 30.
B.Coal—Henry McNaught. (Local.)
B.Coal—D. Murphy. (Local.)
B.Coal—Wm. Sleep. (Local.)
B.Coal—J. Welch. (Local.)

TUNNEL HILL, Johnson Co. Pop. 175. M.O. Tel. Ry. 203. Banking town Vienna.
B.Coal—J. H. May. (Local.)

VANDALIA, Fayette Co. Pop. 2,144. M.O. Tel. Ry. 381; 870.
B.Coal—Vandalia Coal Co.

VANDERCOOK, Vermilion Co. Ry. name Tilton, 203; 913. Banking town Danville.
B.Coal—G. E. Morgan. (Local.)

VERMONT, Fulton Co. Pop. 1,158. M.O. Tel. Ry. 167.
B.Coal—Jackson Davis. (Local.)
B.Coal—Geer, Arthur & Co. Drift. 300 tons; 140 days.
B.Coal—Jas. Rose. (Local.)

VICTORIA, Knox Co. Pop. 308. M.O. Ry. Altona, 167.
B.Coal—Geo. Arnold. Drift. 1,000 tons; 140 days; 5 employes.
B.Coal—Wm. Aten. Shaft, 30 ft. 600 tons; 130 days; 4 employes. Horse.
B.Coal—Eight Surface Mines. 3,300 tons; 18 employes.
B.Coal—David Grim. Drift. 1,000 tons; 140 days; 6 employes.
B.Coal—Ambrose King. Shaft, 28 ft. 1,400 tons; 150 days; 6 employes. Horse.
B.Coal—Frank Larson. Shaft, 28 ft. 500 tons. Horse.

VIOLA, Mercer Co. Pop. 421. M.O. Tel. Ry. 167.
B.Coal—Wm. Blaine.
B.Coal—P. W. Collins.
B.Coal—John Dunn. Shaft, 64 ft. 1,800 tons; 240 days; 5 employes. Horse.
B.Coal—G. W. Martin. Shaft, 60 ft. 2,000 tons; 260 days; 5 employes. Horse.

VIRDEN, Macoupin Co. Pop. 1,620. M.O. Tel. Ry. 154; 398.
B.Coal—Wm. Beard.
B.Coal—Chicago-Virden Coal Co., 303 Western Union bldg., Chicago. Shaft, 330 ft. 300,000 tons; 240 days; 300 employes. Steam. F. W. Lukins, mine supt.
B.Coal—L. E. Overman.
B.Coal—Virden Coal Co. Shaft, 327 ft. 50,000 tons; 245 days; 100 employes. Steam.

VIRGINIA, Cass Co. Pop. 1,602. M.O. Tel. Ry. 50; 176.
B.Coal—Virginia Coal Co. Joseph Smith, pres.; George Conover, secy. and treas.; Wm. Scaife, gen. mgr. and buyer. Cap. stk. $10,000, pd. up. No. 1 mine. Shaft. 20,000 tons; 20 employes.

WALKERVILLE, Greene Co. Pop. 87. Ry. Eldred, 471. Banking town Whitehall.
B.Coal—T. Silkwood. (Local.)

WARREN, Jo Daviess Co. Pop. 1,172. M.O. Tel. Ry. 174; 381.
Lead—Druid Lead Mining Co., 23-53 Dearborn st., Chicago. Own leases on 1,243 acres of mineral land.

WATAGA, Knox Co. Pop. 800. M.O. Tel. Ry. 167; 326.
B.Coal—N. A. Anderson. Tunnel, 350 ft. 3,840 tons; 225 days; 12 employes.
B.Coal—Jas. Dusenbury. (Local.)
B.Coal—Wm. Estling. Drift. 400 tons.
B.Coal—Fred. Johnson. Drift. 400 tons.
B.Coal—Peter Knight.
B.Coal—Louis Modine.
B.Coal—H. & J. Taylor (Hamilton and James). Three shafts, 46, 58 and 39 ft. 12,000 tons; 230 days; 25 employes. Horse.
B.Coal—Wataga Brick & Tile Co.
B.Coal—Wataga Coal Mining Co.

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WENONA, Marshall Co. Pop. 1,053. M.O. Tel. Ry. 154; 381.
Lead—Wenona Zinc Co.
B.Coal—Wenona Coal Co. Shaft, 558 ft. 60,000 tons; 180 days; 240 employes. Steam.

WEST JERSEY, Stark Co. Pop. 94. M.O. Banking town and Ry. Toulon, 744.
B.Coal—John Catton.

WESLEY, Tazewell Co. Pop. 32. P.O. Pekin. Tel. Ry. 667. Banking town Peoria.
B.Coal—Edward Little. Shaft, 82 ft. 22,000 tons; 200 days; 34 employes. Steam.
B.Coal—Jas. Millard & Co. Slope. 20,000 tons; 110 days; 40 employes. Steam.
B.Coal—John Catton. Drift. 1,200 tons; 160 days; 6 employes.

WESTVILLE, Vermilion Co. Pop. 55. M.O. Tel. Ry. 155; 203. Banking town Danville.
B.Coal—Kellyville Coal Co. Shafts Nos. 1 and 2; 101 and 187 ft. 340,000 tons; 215 days; 350 employes. Steam.
B.Coal—Kickapoo Coal Co.
B.Coal—Pawnee Coal Co., 671 Rookery, Chicago. Pawnee mine. Shaft, 90 ft. 350,000 tons; 275 days; 350 employes. Steam.
B.Coal—Westville Coal Co.

WHITEHALL, Greene Co. Pop. 1,961. M.O. Tel. Ry. 154; 167.
B.Coal—Whitehall Coal & Tile Co.
F.Clay—Whitehall Fire Clay Co.
B.Coal—David Wiatt. (Local.)
B.Coal—Thos. Wyatt. (Local.)

WILLIAMSFIELD, Knox Co. M.O. Tel. Ry. 30.
B.Coal—John Walsh. Slope. 1,200 tons; 180 days; 4 employes. (Local.)

WILLIAMSVILLE, Sangamon Co. Pop. 444. M.O. Tel. Ry. 154.
B.Coal—Williamsville Coal Co.

WINCHESTER, Scott Co. Pop. 1,600. M.O. Tel. Ry. 167.
B.Coal—W. H. Bates & Co. W. H. Bates, mgr. Shaft, 90 ft. 20,000 tons; 275 days; 35 employes. Steam.
B.Coal—J. Jones. Drift. 600 tons; 160 days.
B.Coal—H. McGuire. (Local.)
B.Coal—D. Ryan. Drift. 500 tons; 220 days.

WORDEN, Madison Co. Pop. 522. M.O. Tel. Ry. 176; 913. Banking town Edwardsville.
B.Coal—Consolidated Coal Co., St. Louis, Mo. McDonald mine. Shaft, 307 ft.
B.Coal—Ellsworth Coal Co.
B.Coal—McDonald Coal Co. (See Consolidated Coal Co.)

WYOMING, Stark Co. Pop. 1,116. M.O. Tel. Ry. 167; 744.
B.Coal—H. Besett. Drift. 400 tons; 2 employes.
B.Coal—Foster Coulson. Nos. 1 and 2 drifts. 500 tons; 140 days; 4 employes.
B.Coal—Peter Harburger. Drift. 1,800 tons; 275 days; 6 employes.
B.Coal—A. W. Higbee. Shaft. 75 ft. (Local.)
B.Coal—Jas. Higbee. Shaft, 94 ft. 1,500 tons; 200 days; 7 employes. Horse.
B.Coal—Richard Howarth. Shaft, 97 ft. 300 tons.
B.Coal—John Price. Drift. 300 tons.
B.Coal—Robinson Bros. Shaft, 58 ft. 1,400 tons; 140 days; 5 employes. Horse.
B.Coal—Stephenson & Watson. Shaft, 58 ft. 1,000 tons; 120 days; 5 employes.
B.Coal—Jos. Swanson. Shaft, 69 ft. 600 tons; 4 employes.
B.Coal—Hiram Thurston. Drift. 400 tons.
B.Coal—Geo. Watson. Shaft, 82 ft. 3,500 tons; 250 days; 10 employes. Horse.

YATES CITY, Knox Co. Pop. 687. M.O. Tel. Ry. 167.
B.Coal—Boumon Bros. Hard Scrabble mine. Shaft, 50 ft. 300 tons; 190 days; 5 employes. (Local.)
B.Coal—Frank Christman.
B.Coal—L. Dalton.
B.Coal—Robt. Marshall. Shaft, 40 ft. 550 tons; 200 days. Horse.

YOUNGSTOWN, Warren Co. Pop. 125. Tel. Ry. 167. Banking town Roseville.
B.Coal—John W. Booten. Slope. (Local.)
B.Coal—Thos. Dennis. Shaft, 44 ft. (Local.)
B.Coal—Thos. Lee, Jr.
B.Coal—B. Liewrance. Shaft, 25 ft. 700 tons; 240 days; 3 employes. Horse.
B.Coal—Mrs. Susan Romine. (Local.)
B.Coal—Henry Smith. (Local.)
B.Coal—William R. Thomas. Slope. (Local.)
B.Coal—Thos. Wearmouth. Drift. 500 tons; 3 employes.

INDIANA

ADEL, Owen Co. Ry. Spencer, 660.
B.Coal—Parke Coal Co.

ALEXANDRIA, Madison Co. Pop. 715. M.O. Tel. Ry. 203; 445.
Stone—L. C. Nicoson.

ALFORDSVILLE, Daviess Co. Pop. 324. M.O. Banking town and Ry. Loogootee, 49.
B.Coal—Henry Chandler. (Local.)
B.Coal—J. A. McCord. (Local.)

ALUMCAVE, Sullivan Co. Ry. 297.
B.Coal—New Petersburg Coal & Coke Co.

ANDERSON, Madison Co. Pop. 10,741. M.O. Tel. Ry. 162; 203; 686.
Stone—Otis P. Crim, 117 W. 8th st. Cap. $5,000. Blue limestone. 250 days; 10 employes. Steam.
Roll.M.—Gould Steel Co., 66 Broadway, New York. Two open hearth furnaces, 30 tons daily capacity. Steel castings. 275 days; 150 employes. Steam and hydraulic. B. F. Haugh, mill supt.
B.Coal—Manufacturers' Fuel Supply Co.

ANNAPOLIS, Parke Co. Pop. 369. M.O. Ry. Bloomingdale, 284. Banking town Rockville.
B.Coal—J. T. Hinds. (Local.)
B.Coal—Chas. Holliday. (Local.)

ASHERVILLE, Clay Co. Pop. 105. Ry. 870. Banking town Brazil.
B.Coal—Crawford Coal Co., Terre Haute.
B.Coal—N. Harris. (Local.)
B.Coal—C. Helton. (Local.)
Stone—A. Payne. (Local.)
Stone—J. Stack. (Local.)
Stone—L. Stealey. (Local.)
B.Coal—Zellar & Sieglare. (Local.)

AURORA, Dearborn Co. Pop. 3,929. M.O. Tel. Ry. 49; 203.
B.Coal—A. Hill & Son. (Local.)

AYRSHIRE, Pike Co. Pop. 300. Ry. 482. Banking town Petersburg.
B.Coal—D. Ingle. (Local.)

BEDFORD, Lawrence Co. Pop. 3,360. M.O. Tel. Ry. 49; 62; 296; 483.
Stone—Bedford Indiana Stone Co., 19 Baldwin blk., Indianapolis. Oolitic limestone. 600,000 ft.; 200 days; 125 employes. Stone mill, 600 ft. daily capacity. Steam.
Stone—Bedford Oolitic Stone Co. Limestone.
Stone—Bedford Steam Stone Works. H. C. Thornton, pres.; E. B. Thornton, secy. and gen. mgr. Cap. stk. $10,000, pd. up. Limestone. 250,000 ft.
Stone-M.—Bedford Stone Mill Co., 1500 I st. M. M. Kann, pres.; J. M. Winstandley, secy.; W. N. Urmey, treas.; W. C. Winstandley, gen. mgr.; J. E. Evans, supt. Cap. stk. $25,000. Oolitic limestone. Stone mill, 3,000 ft. daily capacity.
Stone—Bodenschatz Bedford Stone Co., 1006 Chi. Stock Ex. bldg., Chicago. B. B. quarry. Limestone. 45,000 ft.; 120 days; 15 employes. Stone mill, 300 ft. daily capacity. A. M. Brown, quarry supt.
Stone—Chicago & Bedford Stone Co. H. L. Thornton, pres.; E. B. Thornton, secy. Cap. stk. $40,000, pd. up. Limestone. 100,000 ft.; 250 days; 35 employes. Electricity and steam.
Stone—Chicago & Bloomington Stone Co. Limestone.
Stone—Consolidated Stone Co. Limestone.
Stone—Cramer & Norton Stone Co. Limestone.
Stone—Crim, Duncan & Co. Limestone.
Stone—Dark Hollow Oolitic Stone Co. Limestone.
Stone—Dark Hollow Quarry Co. Limestone.
Stone—Dunne, Moore & Co. Limestone.
Stone—Hallowell Stone Co. Limestone.
Stone—Hoosier Stone Co. Limestone.
Stone—Indiana Stone Co. Limestone.
Stone—Louisville & Bedford Stone Co. Limestone.
Stone—C. S. Norton Blue Stone Co. (C. S. Norton, owner). Cap. $20,000. Limestone. 100,000 ft.; 200 days; 15 employes. Steam.
Stone—Oolitic Stone Co. Oolitic limestone.
Stone—Peerless Stone Co. Oolitic limestone.
Stone—Perry, Matthews & Buskirk Co. Wm. N. Matthews, pres., treas., gen. mgr. and buyer; G. K. Perry, v. pres.; H. F. Perry, secy. Cap. stk. $60,000, pd. up. Limestone. 700,000 cu. ft.; 300 days; 125 employes. Steam. John Torphy, quarry supt.
Stone—D. Reed. Limestone.
Stone—Standard Stone Co. Limestone.
Stone—West Bedford Stone Co. Limestone.

BENJAMIN, Vermillion Co. P.O. Banking town and Ry. Clinton, 155.
B.Coal—Norton Creek Coal & Mining Co.
B.Coal—C. P. Walker. (Local.)

BICKNELL, Knox Co. Pop. 350. M.O. Tel. Ry. 686. Banking town Vincennes.
B.Coal—Bicknell Coal Co. Fred. Kixmiller, pres.; C. E. Freeman, secy. and buyer; W. B. Fox, treas. Cap. stk. $10,000, pd. up. Bicknell mine. Shaft, 90 ft. 200 days; 35 employes. Steam.
B.Coal—Indian Creek Coal Co.

BLACKBURN STATION, Pike Co. P.O. Petersburg. Tel. Ry. 297.
B.Coal—F. B. Posey & Co. (Local.)

BLOOMFIELD, Greene Co. Pop. 1,229. M.O. Tel. Ry. 483.
Iron—Bloomfield Iron Ore Co.
B.Coal—F. M. Dugger. (Local.)
B.Coal—Dugger & Neal Coal Co.
B.Coal—Summit Coal Co.

BLOOMINGTON, Monroe Co. Pop. 4,100. M.O. Tel. Ry. 483.
Stone—Big Creek Stone Co. Oolitic limestone.
Stone—Bloomington Oolitic Limestone Co. Oolitic limestone.
Stone—Crescent Stone Co. Limestone. 100,000 ft.; 250 days; 30 employes. Steam. Carter Pening, quarry supt.
Stone—Henley Stone Co. H. Henley, pres.; G. W. Henley, secy., gen. mgr. and buyer; J. E. Henley, treas. Cap. $12,000. Limestone. Stone mill, 500 cu. ft. daily capacity.
Stone—Monroe County Oolitic Stone Co. B. F. Adams, Sr., pres.; B. F. Adams, Jr., treas.; Wm. H. Adams, gen. mgr. Cap. stk. $100,000, pd. up. Limestone. 150,000 cu. ft.; 225 days; 25 employes. Stone mill, 600 ft. daily capacity. Steam.
Stone—North Bedford Stone Co. Limestone.

BLOSSOM, Monroe Co. Ry. Bloomington, 483.
Stone—Crapton & Woodward. Limestone.

BLUFFTON, Wells Co. Pop. 3,590. M.O. Tel. Ry. 445; 887.
Stone—Myers & Gorrell. Limestone.

BOONVILLE, Warrick Co. Pop. 1,189. M.O. Tel. Ry. 482.
B.Coal—Day Bros., Midway. Slope, 400 ft. 1,850 tons; 150 days; 10 employes. Truman Day, mine supt.
B.Coal—De Forest, Belzert & Dodd.
B.Coal—Robt. Gough. (Local.)
B.Coal—R. Lander. (Local.)
B.Coal—W. W. Reynolds. Shaft, 40 ft. 1,500 tons; 215 days; 4 employes.
B.Coal—W. H. Stone—Excelsior mine. Shaft, 30 ft. 20,000 tons; 300 days; 5 employes.
B.Coal—E. Whitner. (Local.)

BRAZIL, Clay Co. Pop. 5,910. M.O. Tel. Ry. 155; 162; 297; 870.
B.Coal—Block Coal Co.
B.Coal—Brazil Block Coal Co., 355 Dearborn st., Chicago.
R.M.Fur.—Central Iron & Steel Co.
B.Coal—Clay County Block Coal Co.
B.Coal—Crawford Coal Co., Terre Haute.
B.Coal—Davis Coal & Mining Co.
B.Coal—Diamond Block Coal Co.
B.Coal—John Frero.
B.Coal—Hoosier Coal Mining Co.
B.Coal—Jackson Coal Mining Co. M. A. Johnson, pres.; D. W. Minshall, secy. and treas.; M. H. Johnson, gen. mgr.; H. P. Johnson, buyer. Cap. stk. $60,000, pd. up. Nickel Plate mine. Shaft, 120 ft. 150,000 tons; 275 days; 375 employes. Steam. John Cox and Moses Marks, mine supts.
B.Coal—McIntosh & Co.
M.E.—P. J. Mooney, mining engineer. Specialty, estimating coal properties.
B.Coal—New Kanawha Coal & Mining Co., 325 Dearborn

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BRAZIL—Continued.
st., Chicago. New Kanawha mine. Slope and open pit. 150,000 tons; 250 days; 100 employes. Steam.
B.Coal—Nickle Plate Coal & Mining Co.
B.Coal—Otter Creek Coal Co.
B.Coal—T. H. Rightsell.
Stone—T. H. Rightsell.
B.Coal—Rock Run Coal Co.
B.Coal—Schrepferman Coal Co. Birch Creek mine. Shaft. Steam.
B.Coal—Sherburne Block Coal Co.
B.Coal—Superior Block Coal Co.
B.Coal—John Triplett. Slope.
B.Coal—Watson, Little & Co., 77 Hartford bldg., Chicago. Gartside mine. Shaft.
B.Coal—Weaver Coal & Mining Co.
M.E.—Oliver Wilkins, mining and civil engineer.
B.Coal—Ziller Coal & Mining Co.

BRIDGETON, Parke Co. Pop. 219. M.O. Ry. 162. Banking town Rockville.
Stone—Parke County Brownstone Co. F. P. Welch, secy. (Idle.)

BURNEY, Decatur Co. Pop. 112. Tel. Ry. 203. Banking town Greensburg.
Stone—Wiley, Ogdon & Brow.

CANNELBURG, Daviess Co. Pop. 276. Ry. 49. Banking town Loogootee.
C.Coal—Buckeye Cannel Coal Co.
C.B.Coal—Mutual Mining Co. H. W. Lynch, pres.; Martin Cahill, secy., treas., gen. mgr. and buyer. Mutual mine. Shaft, 100 ft. 25,000 tons; 160 days; 50 employes. Steam.

CANNELTON, Perry Co. Pop. 1,191. M.O. Tel. Ry. 482.
C.Coal-Stone—American Cannel Coal Co. R. T. Ford, pres.; J. C. Shallcross, secy., treas., gen. mgr. and buyer. Cap. stk. $100,000, pd. up. Cannelton mine. Tunnel. 20,000 tons; 100 employes.
Stone—Rock Island quarry. Sandstone. 10,000 cu. yards.
B.Coal—James Clark.
Stone—John Clearwater.
B.Coal—Geo. Hufnagel.
M.E.Sur.—George Minto. Mining engineer and surveyor.
Stone—F. S. Paulin & Co. F. S. Paulin, pres. and gen. mgr.; Neil Paulin, v. pres.; P. Clemens & Sons, treas. Cap. stk. $6,000, pd. up. Rock Island sandstone quarry. 3,000 yds. 230 days. Steam.

CARBON, Clay Co. Pop. 521. M.O. Tel. Ry. 162; 203. Banking town Brazil.
B.Coal—T. E. Beeson.
B.Coal—Brazil Coal Co.
Stone—Chicago & Indiana Brown Stone Co. Brown sandstone.
B.Coal—Eureka Coal Mining Co.
B.Coal—S. Shackley.
B.Coal—B. Simpson.

CARBONDALE, Warren Co. Banking town and Ry. Williamsport, 913.
B.Coal—John T. Carlson. Mine at Williamsport. (Local.)
B.Coal—James Ridelin. (Local.)
B.Coal—Edward Thomas. (Local.)

CARDONIA, Clay Co. Pop. 393. M.O. Ry. 162.
B.Coal—Simpson & Gardner.

CARLISLE, Sullivan Co. Pop. 503. M.O. Tel. Ry. 279.
B.Coal—Carlisle Coal Co.

CASS, Sullivan Co. Pop. 1,500. M.O. Ry. name Lyonton, 383. Banking town Sullivan.
B.Coal—Lyonton Coal & Coke Co.

CATARACT, Owen Co. Pop. 129. Banking town and Ry. Spencer, 660.
B.Coal—J. Wolford.

CAYUGA, Vermilion Co. M.O. Tel. Ry. 155; 887.
Stone—Illinois & Indiana Stone Co.

CENTERPOINT, Clay Co. Pop. 517. M.O. Tel. Ry. 870.
B.Coal—Helton & Eagleton.

CHANDLER, Warrick Co. Pop. 106. Ry. 482. Banking town Boonville.
B.Coal—T. B. Hall.
B.Coal—Hall & Brewis.

CLAY CITY, Clay Co. Pop. 1,000. M.O. Tel. Ry. 297. Banking town Louisville.
B.Coal—John Andrews. (Local.)
Stone—Lee Brandenburg.

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CLAY CITY—Continued.
B.Coal—Burnham, Burgur & Co. M. S. Burgur, pres.; J. A. Burnham, v. pres. and gen. mgr.; Thomas Casley, secy. Cap. $3,000. Star mine. Semi-bituminous. Shaft, 70 ft. 10 employes. Steam.
B.Coal—J. W. Cooprider. (Local.)
B.Coal—B. Griffith. (Local.)
B.Coal—Harrison Coal Co.
B.Coal—Lancaster Bl'k Coal Co.
B.Coal—Morrison Coal & Mining Co.
Stone—W. R. Muncee. (Local.)

CLEAR CREEK, Monroe Co. Pop. 36. M.O. Tel. Ry. 483. Banking town Bloomington.
Stone—Bedford Quarries Co.
Stone—Bloomington Bedford Quarry Co. Limestone.
Stone—Clear Creek Stone & Marble Co. Limestone and marble.
Stone—Oolitic Stone Co. of Indiana. Limestone.
Stone—Oolitic Stone Co. of Monroe County. Limestone.
Stone—Rawle & Diener, 578 S. Morgan st., Chicago. Bloomington and Bedford quarry. Limestone. 100,000 ft.; 260 days; 20 employes. Steam.

CLINTON, Vermilion Co. Pop. 1,365. M.O. Tel. Ry. 155.
B.Coal—Buckeye Coal Co.
B.Coal—Gemey Coal Co.
B.Coal—Indiana Bituminous Coal Co.
B.Coal—New Kentucky Coal & Mining Co.
B.Coal—Thompson Hill Mining Co.
B.Coal—Torey Coal & Mining Co.
B.Coal—B. H. Whitcomb.

COAL BLUFF, Vigo Co. Pop. 250. M.O. Tel. Ry. 155; 203.
B.Coal—Coal Bluff Mining Co., 525 Ohio St., Terre Haute. Pratt mine. Shaft 100 ft.; 50,000 tons; 250 days; 150 employes. Steam.

COAL CITY, Owen Co. Pop. 223. M.O. Tel. Ry. 227. Banking town Spencer.
B.Coal—Casley Bros. (Local.)
B.Coal—J. H. Hyatt. (Local.)

COAL CREEK, Fountain Co. Pop. 217. M.O. Banking town and Ry. Covington, 203; 913.
B.Coal—Pertoe Berlo. (Local.)
B.Coal—Coal Creek Mines. S. E. Rhodes, pres.; Frank Kelley, M. E., v. pres. and supt. 6,000 tons; 100 days; 20 employes.
B.Coal—Randolph & McKinney.

CORY, Clay Co. Pop. 304. M.O. Tel. Ry. 297.
B.Coal—J. E. Phillips. (Local.)

CORYDON, Harrison Co. Pop. 880. M.O. Ry. 484.
Stone—Corydon Stone Co. Limestone.

DALE, Spencer Co. Pop. 659. M.O. Tel. Ry. 482. Banking town Rockport.
B.Coal—Thos. Jones. (Local.)
B.Coal—J. N. Mason. (Local.)
B.Coal—J. R. Thorp. (Local.)
Stone—Jos. Whitten. (Local.)
B.Coal—Wm. Wilkey. (Local.)

DANVILLE, Hendricks Co. Pop. 1,570. M.O. Tel. Ry. 203.
Stone—Vermillion Sandstone Co. Sandstone.

DECATUR, Adams Co. Pop. 3,142. M.O. Tel. Ry. 156; 343; 887.
Stone—Decatur Stone & Lime Co. Limestone.
Stone—Robinson & Gillig. Limestone.

DE FOREST, Warrick Co. Pop. 100. P.O. and banking town Boonville. Ry. 482.
B.Coal—D. A. De Forest.
B.Coal—Thos. Hull.

DELPHI, Carroll Co. Pop. 1,925. M.O. Tel. Ry. 483; 913.
Lime—Delphi Lime Co.
L.Z.—Delphi Mineral Mining Co.
Lime—Harley Bros. & Co.
Lime—McKain Bros.

DOVERHILL, Martin Co. Pop. 163. Banking town and Ry. Shoals, 49.
B.Coal—J. R. Hatz. (Local.)
B.Coal—Wm. Hotz. (Local.)
B.Coal—E. F. Smith. (Local.)

DUGGER, Sullivan Co. Pop. 232. M.O. Tel. Ry. 383; 686. Banking town Sullivan.
B.Coal—J. Truman. (Local.)

EAGLE, Sullivan Co. Ry. 297. Banking town Sullivan.
B.Coal—Jackson Hill Coal & Coke Co.

EDWARDSVILLE, Floyd Co. Pop. 128. Ry. 482. Banking town New Albany.
B.Coal—M. Atkinson & Sons. (Local.)

ELLETSVILLE, Monroe Co. Pop. 712. M.O. Tel. Ry. 483.
Stone—Elletsville Stone Co. Limestone.
Stone—Matthews Bros. Fred Matthews, buyer. Cap. $30,000. Limestone. 175,000 ft.; 240 days; 40 employes. Stone mill, 700 ft. daily capacity. Steam. J. K. Phipps, quarry supt.
Stone—G. K. Perry. Oolitic limestone. 95,000 cu. ft. 45 employes. Steam. Stone mill, 500 ft. daily capacity.

EPSOM, Daviess Co. Pop. 72. Ry.. Plainville, 297. Banking town Washington.
B.Coal—Thos. W. Faith. (Local.)
B.Coal—Gaslee & Lockwood. (Local.)
B.Coal—Wm. Hardy.
B.Coal—Andrew McCall.
B.Coal—Ohio Valley Coal & Mining Co.

EVANSVILLE, Vanderburg Co. Pop. 51,590. M.O. Tel. Ry. 297; 298a; 479; 482; 630; 688.
B.Coal—John Archbald. (Local.)
Stone—Caden Stone Co., 411-425 E. Ohio st. F. R. Caden, pres.; A. F. Caden, v. pres.; C. W. Cafelle, secy. and treas. Cap. stk. $50,000. Limestone quarry at Hadley, Ky.
B.Coal—Diamond Coal Mining Co., 332 Sycamore st. Louis Koestner, pres., treas., gen. mgr. and buyer; E. W. Saupert, v. pres. and secy.; Wm. Horst, M. E., supt Cap. stk. $12,000, pd. up. Diamond mine. Shaft, 248 ft. 17,556 tons; 267 days; 33 employes. Steam.
B.Coal—Evansville Co-operative Mining Co.
B.Coal—First Ave. Coal Mining Co.
B.Coal—A. S. Ford. (Local.)
B.Coal—J. Ingle & Co.
B.Coal—S. W. Little. (Local.)
B.Coal—Bertram Meriden. (Local.)
Stone—F. J. Scholtz. Limestone.
B.Coal—Sunnyside Coal & Coke Co.
B.Coal—Thomas Coal & Mining Co.
B.Coal—Union Coal & Mining Co.

FARMERSBURG, Sullivan Co. Pop. 301. M.O. Tel. Ry. 297. Banking town Sullivan.
B.Coal—Ervine Coal & Mining Co.

FARNSWORTH, Sullivan Co. Ry. 383. Banking town Sullivan.
B.Coal—Hancock & Conkel. W. H. Conkel, pres.; E. Hancock, gen. mgr. Cap. invested, $22,000. Bunker Hill mine. Shaft, 76 ft. 17,000 tons; 149 days; 66 employes. Steam. W. H. Conkel, mine supt.
B.Coal—Watson, Little & Co., 77 Hartford bldg., Chicago. Bush Creek mine. Shaft.

FOLEYS, Vigo Co. Pop. 100. (P.O. Kanawha.) Ry. 155.
B.Coal—Vigo Coal Co., Chicago. Vigo mine. Slope, 200 ft. 50,000 tons; 200 days; 100 employes. Steam.

FONTANET, Vigo Co. Pop. 521. M.O. Tel. Ry. 203. Banking town Terre Haute.
B.Coal—Coal Bluff Mining Co., 525 Ohio St., Terre Haute, Union, Peerless, Victor, Diamond and Star mines. Shaft 90 ft. 300,000 tons. 250 days. 600 employes. Steam. James Johnson, mine supt.
B.Coal—F. Davis. (Local.)
B.Coal—Western Indiana Coal Co.

FORT RITNER, Lawrence Co. Pop. 133. Ry. 49. Banking town Mitchell.
Stone—Luedtke & Fillian. Limestone.

FORT WAYNE, Allen Co. Pop. 37,500. M.O. Tel. Ry. 394; 343; 445; 451; 597; 688; 973.
Stone—Wm. Moellering & Son., 53 to 59 Murray st. Limestone. Quarry at Wabash.

FOUNTAIN, Fountain Co. Pop. 102. Ry. 913. Banking town Covington.
Stone—L. B. Brooks. Brooks quarry. Sandstone. 50 cars; 150 days; 2 employes.
Stone—W. S. Douglas. Limestone.

FRANCISCO, Gibson Co. Pop. 326. M.O. Tel. Ry. 482. Banking town Princeton.
B.Coal—Francisco Coal & Mining Co.

FRANKFORT, Clinton Co. Pop. 5,520. M.O. Tel. Ry. 445; 483; 870; 887.
C.E.—Alonzo J. Hammond, C. E. City engineer.
Roll.M.—Wetherald Rolling Mill Co. A. L. Wetherald, pres.; A. D. Hilborn, secy. and treas.; H. O. Wetherald, gen. mgr. Five scrap and three heating furnaces. Three trains rolls, one 18-in. muck; one 10-in. and one 8-in. finishing. Bar iron. 10,000 tons; 260 days; 150 employes. Steam.
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FRENCH LICK, Orange Co. Pop. 188. M.O. Tel. Ry. 483. Banking town Paoli.
Stone—Wm. F. Osborne, 1700 W. Market st., Louisville, Ky. Sandstone. Whetstones. 200,000 lbs.

GAS CITY, Grant Co. M.O. Tel. Ry. 686. Banking town Jonesboro.
Roll.M.—Morewood & Co.

GENTRYVILLE, Spencer Co. Pop. 328. M.O. Tel. Ry. 482. Banking town Rockport.
B.Coal—Jas. Bomine. (Local.)

GEORGIA, Lawrence Co. Pop. 42. Tel. Ry. 49. Banking town Mitchell.
Stone—J. A. Chaillaux. Chaillaux and Hindostan quarries. Hindostan stone. 50 tons: 300 days; 15 employes. Oilstone mill. Steam.

GLENN, Vigo Co. Pop. 76. Ry. 870.
B.Coal—W. S. Bergen. (Local.)
B.Coal—Sol Shall. (Local.)

GRAYFORD, Jennings Co. Ry. 686.
Stone—Harmon Bros. (Local.)

GREENFIELD, Hancock Co. Pop. 3,100. M.O. Tel. Ry. 686.
Roll.M.—Greenfield Iron & Nail Co.

GREENSBURG, Decatur Co. Pop. 3,596. M.O. Tel. Ry. 203.
Stone—Greensburg Limestone Co. H. H. Woolley, pres. and buyer; S. B. Eward, secy. and treas. Cap. stk. $125,000, $69,000 pd. up. Limestone. Quarry at Harris City.
Stone—Hollensbe Stone Co., 3 Main st. J. J. Puttmann, pres.; Edw. Kessing, secy. and treas.; Ira J. Hollensbe, gen. mgr. and buyer. Cap. stk. $19,600, pd. up. Quarry at Westport.

HAMMOND, Lake Co. Pop. 5,428. M.O. Tel. Ry. 154a; 156; 483; 520; 597; 614; 688; 913.
Roll.M.—Corning Steel Co.

HARRIS, Decatur Co, Pop. 46. Banking town and Ry. Greensburg, 203.
Stone—Greensburg Limestone Co., Greensburg. Muddy Fork quarry. Limestone. 1,500 to 2,000 cars; 250 days; 150 employes. Stone crusher, 3,000 yds. daily capacity. Three miles ry., 1 locomotive. Steam. S. B. Bussell, mine supt.

HARRODSBURG, Monroe Co. Pop. 358. M.O. Tel. Ry. 483.
Stone—James Nicholas & Co.

HOLTON, Ripley Co. Pop. 366. M.O. Tel. Ry. 49. Banking town Osgood.
Stone—J. T. Beach. Limestone.
Stone—Squire Eli Cox. Limestone. Flagging stone.
Stone—Theo. Donovan. Limestone.

HOMER, Rush Co. Pop. 226. Ry. 686. Banking town Rushville.
Stone—W. W. Garrett. Limestone.

HUFF, Spencer Co.
B.Coal—John Hentster. (Local.)
B.Coal—H. Hessig. (Local.)

HUNTINGBURG, Dubois Co. Pop. 3,167. M.O. Tel. Ry. 482.
B.Coal—Alexander & Borrowman.
B.Coal—Honey Creek Coal & Mining Co.

HUNTINGTON, Huntington Co. Pop. 7,328. M.O. Tel. Ry. 156; 913.
Stone—Jennie Davis.
Lime—Western Lime Co.
Lime—E. S. Wheeler.

HURON, Lawrence Co. Pop. 238. M.O. Tel. Ry. 49. Banking town Mitchell.
Stone—Thos. Daniels.
Stone—Jno. J. Kirk. Oilstones.

HYMERA, Sullivan Co. Pop. 182. M.O. Tel. Ry. 297. Banking town Sullivan.
B.Coal—Hymera Coal Co.
B.Coal—John McAnally. (Local.)
B.Coal—Old Pittsburg Coal Co.
Stone—S. M. Patten. Limestone.
B.Coal—Pittsburg Coal & Coke Co.
Stone—J. A. Spears. Limestone.
B.Coal—Stark & Co. Little Pittsburg mine. Horse.

INDIANAPOLIS, Marion Co. Pop. 107,500. M.O. Tel. Ry. 190; 203; 384; 445; 483; 686; 870.
Coupons—Allison Coupon Co., 69 W. Georgia st. Jno. S. Berryhill, pres. and treas.; W. S. Allison, v. pres. and secy.; D. C. Allison, buyer. Manufacturers of and dealers in mercantile coupon books of every description.
Stone—Bedford Indiana Stone Co., 19 Baldwin blk. A. W. Conduitt, pres.; Wm. Coughlen, v. pres.; H. G. Coughlen, secy., gen. mgr. and buyer; O. S. Runnels, treas. Cap. stk. $150,000, pd. up. Limestone. Quarry at Bedford.
Atty.—Chambers, Pickens & Moores, attorneys at law, Commercial Club bldg. Specialties—Smiley N. Chambers, insurance law; Samuel O. Pickens, corporation, mining and railroad law; Chas. W. Moores, banking law. Compilers of Laws of Indiana for the RECORD.
Gran.—M. H. Farrell. Granite.
Stone—Goddard & Co., Kentucky ave. and White river. Limestone.
G.S.—Hecla Consolidated Mining Co. Room 25, 68½ E. Market st. Gold and silver.
Roll.M.—Indiana Steel Co., S. W. cor. Capitol ave. and Merrill st.
B.Coal—Island Coal Co., 5 Hartford blk. Alfred L. Ogle, pres.; Willard W. Hubbard, secy.
Roll.M.—New Albany Rail Mill Co.
Roll.M.—Premier Steel Co., S. W. cor. Capitol bldg. and Merrill st.
B.Coal—Rhodes & Campbell Co.
Gran.—Harvey A. Rockwood, 221 Ramsey ave. Granite.
Stone—Romona Oolitic Stone Co., 15 Ingalls blk. H. Bates, pres.; Walter Kessler, v. pres., gen. mgr. and buyer; Henry Bates, Jr., secy. and treas. Cap. stk. $30,000, pd. up. Limestone. Quarry at Romona.
G.S.—W. H. Thomas, 420 College ave. Gold and silver. Mine at Pendleton, Va.
B.Coal—Walhalla Mining Co.
Stone—Whitsit & Adams.

INGALLS, Madison Co. M.O. Tel. Ry. 203; 597.
Zinc—Ingalls Zinc Co. Mine at New Market, Tenn.

JASPER, Dubois Co. Pop. 1,281. M.O. Tel. Ry. 482.
Stone—Eckert Bros. Limestone.
B.Coal—Eckert & Magner. Slope. Horse. (Local.)
Stone—N. Haskins. Limestone.
B.Coal—Sherman Kellams. (Local.)
B.Coal—Reese Bros. (Local.)

JEFFERSONVILLE, Clark Co. Pop. 10,666. M.O. Tel. Ry. 49; 686.
Cemt.—Indiana Cement Co., 149 Spring st.

KASSON, Vanderburg Co. Pop. 97 Banking town and Ry. Evansville, 297; 298a; 479; 482; 630; 638.
Stone—Peter Schmitt. Limestone.

KERCHEVAL, Spencer Co. Pop. 100. P.O. Lincoln City.
B.Coal—Schafer & Scott.
B.Coal—C. Scott. (Local.)

KNIGHTSVILLE, Clay Co. Pop. 1,148. M.O. Tel. Ry. 870.
B.Coal—Davis Coal Co. D. H. Davis, pres. and gen. mgr.; C. E. Matson, secy.; T. T. Luther, treas. Cap. stk. $50,000. Block coal. 250 employes.
B.Coal—Joseph Robinson. (Local.)

KOKOMO, Howard Co. Pop. 8,261. M.O. Tel. Ry. 415; 686; 887.
Stone—H. H. Stewart. Limestone.

LAMAR, Spencer Co. Ry. 482.
B.Coal—F. A. Cannon. (Local.)

LAUREL, Franklin Co. Pop. 867. M.O. Tel. Ry. 203.
Stone—D. L. Secrest. Limestone.
Stone—M. E. Secrest. Limestone.

LAWRENCEBURG, Dearborn Co. Pop. 4,284. M.O. Tel. Ry. 49; 203.
B.Coal—H. G. Freeman. (Local.)
B.Coal—W. R. Kritley. (Local.)

LIBERTY, Union Co. Pop. 1,315. M.O. Tel. Ry. 190.
Stone—Hollingsworth & Kettner. Limestone.
Stone—William H. Stevens. Limestone.

LINCOLN CITY, Spencer Co. Pop. 175. Tel. Ry. 482.
B.Coal—H. Schafer. Schafer mine. Shaft, 30 ft. 5,000 tons; 250 days; 20 employes. Steam.

LINNGROVE, Adams Co. Pop. 439. M.O. Banking town and Ry. Berne, 343.
Stone—Shindler & Ensley. Limestone.

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LINTON, Greene Co. Pop. 958. M.O. Tel. Ry. 383.
B.Coal—Island Valley Coal & Mining Co.
B.Coal—Linton Coal & Mining Co., Chestnut and Vincennes sts. Theo. Fluhart, pres.; Finney Strong, secy., treas., gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Fluhart mine. Shaft, 72½ ft. 85,000 tons; 125 days; 125 employes. Steam. James B. Palmer, mine supt. Operate 1¼ miles ry.

LOGANSPORT, Cass Co. Pop. 14,327. M.O. Tel. Ry. 686; 870; 913.
Zinc—Carrol County Zinc Co.
Lime—A. B. Keeport & Co.
B.Coal—Logansport Oil & Mining Co.
Stone—Lux & Lux. Limestone.

LUSK'S SPRINGS, Parke Co. Ry. Bloomingdale, 384.
B.Coal—James Pound. (Local.)

LYFORD, Parke Co. Ry. 155. Banking town Clinton.
B.Coal—New Kentucky Coal Co., 204 Dearborn st., Chicago. Lyford mine. Shaft, 150,000 tons; 200 employes. J. P. Gilmour, mine supt.
B.Coal—Wabash Coal Co.

MACKSVILLE, Vigo Co. Pop. 370. M.O. Ry. 870. Banking town Terre Haute.
B.Coal—Peter Krackenburger. Shaft. 5,000 tons. Steam.
B.Coal—W. H. Larimer. (Local.)
B.Coal—Lorez & Co. (Local.)

MADISON, Jefferson Co. Pop. 8,960. M.O. Tel. Ry. 686.
B.Coal—McKunn & Co. (Local.)
B.Coal—W. E. Pratt. (Local.)
B.Coal—Widdleton & Wymond.

MANSFIELD, Parke Co. Pop. 123. Ry. 162. Banking town Rockville.
Stone—Parke Co. Brown Stone Co. Brownstone.

MARIAHHILL, Spencer Co. Pop. 280. Ry. Dale, 482. Banking town Rockport.
B.Coal—S. Bettag. (Local.)
B.Coal—S. Horlander. (Local.)
B.Coal—Francis Meyer. (Local.)

MARION, Grant Co. Pop. 8,820. M.O. Tel. Ry. 203; 686; 887.
Stone—D. R. McKinney & Son.
Roll.M.—Marion Steel & Iron Co. Chas. A. Borts, pres.; Thomas Reed, v. pres.; Walter C. Ely, secy. and treas. Two heating furnaces. One train roll, 10 inch. Bars, bonds, hoops and special shapes, iron or steel.

MARKLE, Huntington Co. Pop. 815. M.O. Tel. Ry. 156.
Stone—Brickley Bros. Limestone.
Lime—S. Buchanan.
Stone—Gusman & Cline. Limestone.

MECCA, Parke Co. Tel. Ry. 155.
B.Coal—Mecca Mining Co. Mecca mine. 40 employes.

MIDDLETOWN, Henry Co. Pop. 851. M.O. Tel. Ry. 686.
Roll.M.—Irondale Steel & Iron Co.

MIDWAY, Spencer Co. Ry. Chrisney, 482. Banking town Rockport.
B.Coal—Day Bros. Bart Day, gen. mgr. Cap. $2,500. Mine at Boonville.

MILLTOWN, Crawford Co. Pop. 367. M.O. Tel. Ry. 482. Banking town Leavenworth.
Stone—Indiana Contract Co.
Lime—J. B. Spead & Co.

MINERAL, Greene Co. Pop. 77. Ry. 483.
B.Coal—Levi D. Burcham.
Stone—John Clift.
Stone—Hastler Bros.
B.Coal—W. M. Hatfield. (Local.)
B.Coal—M. Hildebrand. (Local.)
B.Coal—G. W. Vest. (Local.)

MISHAWAKA, St. Joseph Co. Pop. 3,371. M.O. Tel. Ry. 157; 283; 451.
G.S.—Hoosier Mining Co. F. G. Eberhart, Jr., pres.; J. H. Gaines, v. pres.; H. L. Pike, secy., gen. mgr. and buyer; J. C. Eberhart, Jr., treas. Cap. stk. $100,000, $75,000 pd. up. Gold and silver. Mine at Crystal, Colo.

MITCHELL, Lawrence Co. Pop. 1,583. M.O. Tel. Ry. 49; 483.
Lime—Big Four Lime Co.

MONTGOMERY, Daviess Co. Pop. 415. M.O. Tel. Ry. 49. Banking town Washington.
B.Coal—Wilson Coal Co.

MONTICELLO, White Co. Pop. 1,518. M.O. Tel. Ry. 483; 686.
C.E.—Web. P. Bushnell, civil engineer and surveyor.

MONTPELIER, Blackford Co. Pop. 808. M.O. Tel. Ry. 445.
Stone—W. D. Cook.
Stone—W. Twibell & Son.
Stone—Woods & Lewis.

MOORESVILLE, Morgan Co. Pop. 891. M.O. Tel. Ry. 686.
Stone—T. W. Carters & Bros.

MUNCIE, Delaware Co. Pop. 11,345. M.O. Tel. Ry. 203; 445.
Roll.M.—Indiana Iron Co. L. A. Cobb, pres.; Geo. O. Cromwell, v. pres., treas. and buyer; Geo. M. Bard, secy. Cap. stk. $300,000. Twenty-two puddling and five heating furnaces. Four trains rolls, one 20 in. muck, one 16 in. bar, one 8 in. and one 10 in. guide. Bolts and nuts, 50,000,000; 40,000 tons bar iron and steel; 300 days. Steam. Chas. Kennedy, mill supt.
Roll.M.—Midland Steel Co.
Roll.M.—Muncie Iron & Steel Co.
Roll.M.—Muncie-Muck Bar Co.
Roll.M.—White River Iron & Steel Co.

MURRAY, Wells Co. Pop. 106. Ry. name Murray Roads, 445. Banking town Bluffton.
Stone—L. Schwartz.

NEW ALBANY, Floyd Co. Pop. 21,059. M.O. Tel. Ry. 49; 424a; 482; 483; 686.
Stone—F. E. Dishman.
Roll.M.—New Albany Forge & Rolling Mill.
Roll.M.—Ohio Falls Iron Co.
B.Coal—John Plotz Coal Co.
Lime—Wm. Scales.

NEWBURG, Warrick Co. Pop. 1,050. M.O. Ry. 298a. Banking town Evansville.
B.Coal—Wm. Robertson.

NEW GOSHEN, Vigo Co. Pop. 245. Ry. St. Marys, 203. Banking town Terre Haute.
B.Coal—G. Leek. (Local.)
B.Coal—E. S. Rhyan. (Local.)
B.Coal—E. M. Shepard. (Local.)
B.Coal—W. G. Smith. (Local.)

NEW HOLLAND, Wabash Co. Pop. 33. Banking town and Ry. Wabash, 203; 913.
Stone—Asa Kindly.

NEW PITTSBURG, Sullivan Co. P.O. Shelburn. Tel. Ry. 297.
B.Coal—New Pittsburg Coal & Coke Co., 89 Madison st., Chicago. Phoenix mine. Shaft, 35 ft. 200,000 tons; 280 days; 200 employes. Washer. Forty coke ovens, 3,000 tons annual output. One mile tramway. Steam and compressed air. W. F. Brown, mine supt.

NEW POINT, Decatur Co. Pop. 516. M.O. Tel. Ry. 203. Banking town Greensburg.
Stone—Big Four Lime Stone Co. (Jno. J. Puttman, propr.) Jno. A. Meyer, gen. mgr. Cap. stk. $30,000, pd. up. Limestone. 300 days; 80 employes. Three miles ry.; 2 locomotives. Steam.
Stone—Comon Limestone Co. Limestone.
Stone—Eureka Limestone Co. Limestone.

NORTH VERNON, Jennings Co. Pop. 2,012. M.O. Tel. Ry. 49; 203; 686.
Stone—E. Hicks & Co.
Stone—Hicks & Holmes.

NYESVILLE, Parke Co. Pop. 80. Banking town and Ry. Rockville, 905.
B.Coal—John Batty. (Local.)
B.Coal—David Bosley. (Local.)
B.Coal—Eleinch & Bro. (Local.)
B.Coal—W. P. Harrison.

OAKLAND CITY, Gibson Co. Pop. 1,524. M.O. Tel. Ry. 297; 482.
B.Coal—Fred. Cotterill. Cap. $6,000. Cotterill mines. Shaft, 130 ft. 290 days; 18 employes. Steam.
B.Coal—W. Jackson. (Local.)
B.Coal—Oakland City Coal Co.
B.Coal—Norman Taylor. (Local.)

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OSGOOD, Ripley Co. Pop. 841. M.O. Tel. Ry. 49.
Stone—A. B. Ashman Co., 9th and John sts., Cincinnati, O. Osgood quarry. Stratified limestone. 10,000 yards; 200 days; 100 employes. Stone crusher, 125 yards daily capacity. Steam. Alfred L. Ashman, quarry supt.
Stone—P. Wagner. Limestone.

PAOLI, Orange Co. Pop. 710. M.O. Tel. Ry. 483.
Stone—T. N. Braxter. Oil stones.
Stone—Jno. Jones. Sandstone.

PERU, Miami Co. Pop. 7,028. M.O. Tel. Ry. 445; 913.
Lime—Duret & Miller.

PETERSBURG, Pike Co. Pop. 1,494. M.O. Tel. Ry. 297.
B.Coal—J. B. Boser. (Local.)
B.Coal—J. Bradfield. (Local.)
B.Coal—Joe Clendennin. (Local.)
B.Coal—James Jennie. (Local.)
B.Coal—M. McMurray. (Local.)
B.Coal—Malott Bros. (Local.)
B.Coal—Posey Co-operative Mining Co. (Local.)
B.Coal—Read & Mager. (Local.)
B.Coal—C. V. Shandy. (Local.)
B.Coal—Shandy & Kinscherff. 600 tons; 160 days. (Local.)
B.Coal—E. F. Smith. (Local.)

PIMENTO, Vigo Co. Pop. 177. M.O. Tel. Ry. 297.
B.Coal—A. Ray. (Local.)

PLEASANTVILLE, Sullivan Co. Pop. 348. M.O. Ry. Sandborn, 660. Banking town Worthington.
B.Coal—Hugh Rose. (Local.)

PUTNAMVILLE, Putnam Co. Pop. 204. M.O. Ry. 483. Banking town Greencastle.
Stone—Geo. Hurst.
Stone—J. Staples.

QUAKER, Vermilion Co. Ry. Dana, 384.
B.Coal—Geo. Houlet. (Local.)
B.Coal—Thos. Williams. (Local.)

RACCOON, Putnam Co. Pop. 164. Tel. Ry. 384. Banking town Russelville.
Stone—C. W. Ridow.

RAGLESVILLE, Daviess Co. Pop. 78. Banking town and Ry. Odon, 296.
Stone—E. H. Evans.
B.Coal—Thomas Meyers. (Local.)
B.Coal—Raglesville Coal Co.
Stone—W. H. Riggins. (Local.)
B.Coal—D. W. Seuff. (Local.)
B.Coal—Abe Stay. (Local.)
B.Coal—J. C. Sterling. (Local.)
B.Coal—Abe F. Stoy. Shaft, 45 ft. 7,500 tons; 275 days.
B.Coal—A. W. Stuckey. (Local.)
B.Coal—James Stuffle. (Local.)

RILEY, Vigo Co. Pop. 479. M.O. Tel. Ry. 297. Banking town Danville, Ill.
B.Coal—Gillespie & Fisk. Shaft. Steam.

RIVERSIDE, Fountain Co. Pop. 50. Ry. Independence, 913. Banking town Attica.
Stone—Guyer, Burchby & Co. Sandstone.

ROCKFIELD, Carroll Co. Pop. 317. M.O. Tel. Ry. 913. Banking town Delphi.
Iron—Rock Creek Mining Co.

ROCKPORT, Spencer Co. Pop. 2,314. M.O. Tel. Ry. 482.
B.Coal—Rockport Mineral Co.

ROMONA, Owen Co. Pop. 64. Tel. Ry. 686. Banking town Spencer.
Stone—James Burtine. Oolitic limestone.
Stone—Walter Kester. Oolitic limestone.
Stone—Chas. Miller. Limestone.
Stone—Oolitic Quarry Co. Oolitic limestone.
Stone—Oolitic Stone & Lime Co. G. A. Bienert, pres., gen. mgr. and buyer; L. M. Dewitt, v. pres.; L. A. Bienert, secy. Cap. stk. $15,000, $8,000 pd. up. Oolitic limestone. 10,000 yds.
Stone—Pauley & Whitley. Oolitic limestone.
Stone—Romona Oolitic Stone Co., 15 Ingalls blk., Indianapolis. Oolitic limestone. 10,000 yards; 300 days; 100 employes. Stone mill, 2,000 ft. daily capacity. Steam.

ROSEDALE, Parke Co. Pop. 873. M.O. Tel. Ry. 155; 870.
B.Coal—Parke County Coal Co. D. W. Minshall, pres. and treas.; Joseph Martin, secy. and gen. mgr.; Valentine Martin, buyer. Cap. stk. $100,000, pd. up. Mines

ROSEDALE—Continued.
Nos. 6, 7, 8 and 10. Shafts, 100 ft. 171,800 tons; 136 days; 404 employes. Steam. Valentine Martin, mine supt.

RUGBY, Bartholomew Co. Pop. 63. Ry. name Hartsville Junction, 203. Banking town Hope.
Lime—S. Galbraith.

ST. ANTHONY, Dubois Co. Pop. 170. Tel. Ry. 842. Banking town Huntingburg.
Stone—William Lynn. Brownstone.

ST. PAUL, Decatur Co. Pop. 857. M.O. Tel. Ry. 203. Banking town Greensburg.
Stone—St. Paul Stone Quarries Co. J. L. Scanlan, pres. and gen. mgr.; Loring Hinsdale, secy. and treas. Cap. stk. $50,000, pd. up. Limestone. 2,500 cars; 250 days; 100 employes. Stone crusher, 125 yds. daily capacity. Steam. P. McAuliff, quarry supt. Branch office, Cincinnati, O.
Stone—J. H. Scanlon. Limestone.

SALEM, Washington Co. Pop. 1,975. M.O. Tel. Ry. 483.
St.L.—Salem Stone & Lime Co. Limestone and lime.

SANDFORD, Vigo Co. Pop. 225. Tel. Ry. 203. Banking town Terre Haute.
B.Coal—H. Nickerbough. (Local.)

SANDUSKY, Decatur Co. Pop. 100. Ry. 203. Banking town Greensburg.
Stone—Wm. Brunker. Limestone. 40,000 ft.

SCHOONER POINT, Crawford Co. Pop. 30. Ry. 626. Banking town Leavenworth.
Lime—W. H. Merritt.

SEELYVILLE, Vigo Co. Pop. 129. Tel. Ry. 870. Banking town Terre Haute.
B.Coal—Ehrlich & West. Shaft, 105 ft. 150 days. Breaker.

SHELBURN, Sullivan Co. Pop. 237. M.O. Tel. Ry. 297. Banking town Sullivan.
B.Coal—Currysville Coal Co.
B.Coal—Hardes & Hafer. (Local.)
B.Coal—Lofton Coal Co.
B.Coal—Shelburn Coal Mining Co. Jno. T. Hays, pres.; G. Golsen, v. pres.; E. F. Heisen, secy., treas., gen. mgr. and buyer. Shelburn mine. Shaft, 220 ft. 28,900 tons; 300 days; 75 employes. Steam. Tom Thomas, mine supt.

SHOALS, Martin Co. Pop. 738. M.O. Tel. Ry. 49.
B.Coal—J. Gamman. (Local.)
B.Coal—P. Gamman. (Local.)
B.Coal—James Renecker. (Local.)

SILVERWOOD, Fountain Co. Tel. Ry. 887. Banking town Cayuga.
B.Coal—Cayuga Press Brick & Coal Mining Co., 33 Campau bldg., Detroit, Mich. Silverwood mine. Shaft. (Idle.)

SMITHVILLE, Monroe Co. Pop. 146. Ry. 483. Banking town Bloomington.
Stone—Empire Stone Co. Limestone.

SPENCER, Owen Co. Pop. 1,868. M.O. Tel. Ry. 686.
Stone—Keystone Quarry Co. Limestone.
Stone—John McGarry, operator of Spencer Lime & Rubble Quarry Co.'s quarry. Limestone, rubble and riprap. (See Spencer L. & R. Quarry Co.)
Stone—Owen Oolitic Stone Co. Oolitic limestone.
Stone—Spencer Lime & Rubble Quarry Co. O. T. Dickerson, pres.; T. H. Boswell, secy. and treas. Cap. stk. $10,000, $6,000 pd. up. Limestone, rubble and riprap. 200 days; 30 employes. Stone crusher, 100 cu. yds. daily. Steam. Quarry operated by John McGarry.

STAUNTON, Clay Co. Pop. 548. M.O. Tel. Ry. 905. Banking town Brazil.
B.Coal—Thomas Alexander. (Local.)
B.Coal—John Bailey. (Local.)
B.Coal—Joseph Barker. (Local.)
B.Coal—James Butt. (Local.)
B.Coal—John Cook. (Local.)
B.Coal—Ora Hains. (Local.)
B.Coal—C. H. Howard. (Local.)
B.Coal—Jos. Hutchinson. (Local.)
B.Coal—John Kempf. (Local.)
B.Coal—Geo. Lehner. (Local.)
B.Coal—Carl Lintner. (Local.)
B.Coal—John Meakin. (Local.)
B.Coal—Joseph Miller. (Local.)
B.Coal—Philip Miller. (Local.)
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STAUNTON—Continued.
B.Coal—E. Myrick. (Local.)
B.Coal—Frank Parker. (Local.)
B.Coal—Joseph Somers. San Pedro mine. Shaft, 53 ft. 200 tons daily; 275 days; 110 employes. Steam.
B.Coal—Chas. Steward. (Local.)
B.Coal—Lester Trout. (Local.)
B.Coal—Jos. Whallon. (Local.)

STINESVILLE, Monroe Co. Pop. 470. M.O. Tel. Ry. 483.
Stone—Big Creek Stone Co. Limestone.
Stone—Elletsville & Stinesville Stone Co. Oolitic limestone.
Stone—Indiana Oolitic Lime Stone Co., 161 Lasalle st., Chicago. Limestone. 200,000 cu. ft. 300 days; 40 employes. Steam. Two stone mills.
Stone—Stinesville Oolitic Stone Co. Oolitic limestone.
Stone—Stinesville Stone Co., 907 Security bldg., Chicago. Sandstone.
Stone—Stinesville & Bloomington Stone Co. Oolitic limestone.

SULLIVAN, Sullivan Co. Pop. 2,222. M.O. Tel. Ry. 297; 383.
B.Coal—Brownie Bros.
B.Coal—Farmersburg Coal & Mining Co.

SULPHURHILL, Shelby Co. Pop. 150. Banking town and Ry. Shelbyville, 203; 660.
Lime—Wm. Mitchell.

SUMMITVILLE, Madison Co. Pop. 752. M.O. Tel. Ry. 203.
Roll.M.—Emlyn Steel & T. Co.

TELL CITY, Perry Co. Pop. 2,095. M.O. Tel. Ry. 482.
B.Coal—M. Leestner. (Local.)
B.Coal—Alex. Mosby. (Local.)
B.Coal—John C. Poehlein. Poehlein's mine. Drift. 5,000 tons; 200 days; 5 employes.
B.Coal—Powell Bros. (Local.)
B.Coal—James Scully. (Local.)

TERRE HAUTE, Vigo Co. Pop. 31,500. M.O. Tel. Ry. 155; 203; 297; 870.
B.Coal—Chicago & Indiana Block Coal Co.
B.Coal—Coal Bluff Mining Co., 525 Ohio St. J. Smith Talley, pres. and treas.; R. W. Rippitoe, v. pres. and gen. mgr.; J. W. Landrum, secy. Mines at Coal Bluff and Fontanet.
B.Coal—Crawford Coal Co. Mines at Brazil.
Gold—Inyo Gold Mining Co. Andrew Grimes, pres.; Louis Duenweg, treas.; O. E. Duenweg, gen. mgr. Mine at Laws, Cal.
Roll.M.—Terre Haute Iron & Steel Co., 910 S. 13th st. J. P. Crawford, pres.; A. J. Crawford, v. pres. and treas.; Samuel L. Bridwell, secy. Cap. stk. $60,000, pd. up. Sixteen single, five double puddling, and two gas heating furnaces. Three trains rolls, one 10 in., one 18 in. and one 20 in. Merchant bar iron and small T rails. 18,000 tons; 200 days; 300 employes. Steam. M. H. Monhouse, mill supt.
Min.P.—Terre Haute Mineral Paint Co.
B.Fur.—Vigo Iron Co. A. J. Crawford, pres. and gen. mgr.; J. P. Crawford, secy. and treas. Cap. stk. $50,000, pd. up. Vigo furnace. Pig iron. 12,000 tons; 50 employes. J. G. Kyle, supt.
Roll.M.—Wabash Iron Co. A. J. Crawford, pres.; J. P. Crawford, secy. and treas. Cap. stk. $80,000, pd. up. Sixteen single, one double puddling and three heating furnaces. Three trains rolls, one 8 in., one 18 in. and one 20 in. Bar iron. 250 days; 225 employes. W. E. Green, mill supt.

TRACY, Laporte Co. Ry. Union Center, 49. Banking town Laporte.
B.Coal—Bergenrott Bros.

TROY, Perry Co. Pop. 554. M.O. Tel. Ry. 482. Banking town Tell City.
B.Coal—Linne & Switzers. (Local.)

TURNER, Clay Co. Pop. 98. Ry. 870. Banking town Brazil.
B.Coal—Christ Ehrlich. Shaft, 55 ft.
B.Coal—Peter Ehrlich. Shaft, 65 ft. Opened 1895.
Stone—H. M. Pierce. Sandstone.
B.Coal—Watson & Co.

UTICA, Clark Co. Pop. 528. Ry. 626. Banking town Jeffersonville.
Lime—Utica Lime Co.

VIGO, Vigo Co. Pop. 40. Ry. Terre Haute, 155; 203; 297; 870.
Iron—Vigo Iron Co.

VINCENNES, Knox Co. Pop. 8,853. M.O. Tel. Ry. 49; 203; 297; 686.
B.Coal—Frank Clark.
C.E.—Jere Hershey. City Civil Engineer, Room 15, City Hall.
B.Coal—Prospect Hill Coal Co. Mason J. Niblack, pres.; W. B. Ryman, secy.; F. Clarke, treas. and gen. mgr. Cap. stk. $20,000, pd. up. Prospect Hill mine. Shaft, 350 ft. 10,790 tons; 250 days; 20 employes. Steam. Bernard Clements, mine supt.
B.Coal—Vincennes Coal Co.

WABASH, Wabash Co. Pop. 5,110. M.O. Tel. Ry. 203; 913.
Stone—T. W. Bridges. Limestone.
Stone—L. Halderman. Limestone.
Stone—Philip Hipskind. Limestone.
Stone—J. S. Lambert. Limestone.
Stone—Wm. Moellering & Son, 53 to 59 Murray st., Ft. Wayne. Stratified limestone. 12,000 cords.

WARREN, Huntington Co. Pop. 1,120. M.O. Tel. Ry. 887.
Gold—Warren Placer Mining Co.

WASHINGTON, Daviess Co. Pop. 6,070. M.O. Tel. Ry. 49; 297.
B.Coal—Cable & Co. Maple Valley and Nos. 4, 7 and 9 mines. Shafts. Steam.
B.Coal—Daviess County Coal Co.
B.Coal—E. H. Raymond. (Local.)
B.Coal—Sefrit & Braun. (Local.)
B.Coal—Southern Indiana Mining Co.
B.Coal—White River Valley Coal Co.

WATERMAN, Parke Co. Pop. 223. M.O. Ry. Silverwood, 887. Banking town Cayuga.
Stone—Indiana & Illinois Stone Co. Sandstone.

WEST BADEN, Orange Co. Pop. 218. M.O. Tel. Ry. 453. Banking town Paoli.
Stone—Z. A. Lynch, West Baden. Hindostan Oilstone.

WESTPORT, Decatur Co. Pop. 452. M.O. Tel. Ry. 203; 296. Banking town Greensburg.
Stone—Thos. Bernish Stone Co. Limestone.
Stone—Z. Boicourt. Limestone.
Stone—Hollensbe Stone Co., 3 Main st., Greensburg, Ind. Limestone. 1,000 car loads. 250 days; 75 employes.

WESTPORT—Continued.
Steam. Three miles ry.; 1 locomotive; 40 cars. L. C. Jackson, quarry supt.
Stone—Sandcreek Limestone Co. Limestone.

WEST UNION, Parke Co. Pop. 42. Tel. Ry. 155. Banking town Montezuma.
B.Coal—G. H. Linebarger. (Local.)

WILLIAMSPORT, Warren Co. Pop. 1,500. M.O. Tel. Ry. 913.
B.Coal—John T. Carlson, Carbondale. Slope. 1,000 tons; 250 days; 3 employes. (Local.)
Stone—Henry Herckes. Sandstone.
Stone—Williamsport Sandstone Co. Sandstone.

WINSLOW, Pike Co. Pop. 377. M.O. Tel. Ry. 482. Banking town Petersburg.
B.Coal—C. C. Crow. (Local.)
B.Coal—Edward Hollon. (Local.)
B.Coal—Thos. Hurst. (Local.)
B.Coal—Phelps Bros. (Local.)
B.Coal—Logan Robling. (Local.)
B.Coal—Wm. Shaw. (Local.)
B.Coal—D. G. Smith. (Local.)
B.Coal—M. O. Thompson. (Local.)
B.Coal—C. W. Young. (Local.)

WORTHINGTON, Greene Co. Pop. 2,500. M.O. Tel. Ry. 297; 686.
B.Coal—A. M. Bucher. (Local.)
B.Coal—David Fuller. (Local.)
B.Coal—Jos. Heineman. (Local.)
B.Coal—Lee Manners. (Local.)
B.Coal—G. Sheyer. (Local.)
B.Coal—Eli Stalcup. (Local.)
B.Coal—H. D. Watts. (Local.)

WRIGHT, Greene Co. Pop. 92. Ry. Cass, 388. Banking town Sullivan.
B.Coal—Geo. Baughman. (Local.)
B.Coal—J. Harrel. (Local.)

YANKEETOWN, Warrick Co. Pop. 209. Ry. 626. Banking town Evansville.
B.Coal—Alfultisch & Walker. (Local.)
B.Coal—Schrodes & Herod. (Local.)

ZIPP, Vanderburg Co. Pop. 120. Banking town and Ry. Evansville, 297; 298a; 479; 482; 630; 688.
Stone—Jacob Bendlinger, Jr.

INDIAN TERRITORY

ARDMORE, Chickasaw N. M.O. Tel. Ry. 356.
B.Coal—Silver Queen Mining Co.

COALGATE, Choctaw N. M.O. Tel. Ry. 540. Banking town South McAlester.
B.Coal—Southwestern Coal & Improvement Co., New York. Nos. 4, 5, 6, 7 and 10 mines. Shafts and slopes. 400,000 tons; 200 days; 800 employes. Steam.

HARTSHORNE, Choctaw N. M.O. Tel. Ry. 184. Banking town South McAlester.
B.Coal—Choctaw, Oklahoma & Gulf R. R. Francis I. Gowen, pres.; Edwin Ludlow, buyer and mine supt. Hartshorne, Gowen and Alderson mines. Two shafts and one slope. 2,500 tons daily output. 1,100 employes.

MARLOW, Chickasaw N. M.O. Tel. Ry. 179.
Gyp.—Royal Cement Plaster Co.

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MUSCOGEE, Creek N. M.O. Tel. Ry. 540.
Atty.—Harrison O. Shepard, attorney, First National Bank bldg. Mining law, collections and commercial law specialties. References: First National Bank, Turner Hardware Co. and Capt. F. B. Severs, Muscogee; L. A. Walton, 185 Dearborn st., Chicago. References given anywhere. Compiler of the laws of Indian Territory for the RECORD.

POTEAU, Choctaw N. M.O. Tel. Ry. 766.
B.Coal—Cavanal Coal, Coke & Ry. Co., Dallas, Texas. Slope, 450 ft. 80 employes. Steam. Operate 4 miles of ry., 1 locomotive. G. A. Witte, mine supt.

SAVANNA, Choctaw N. M.O. Tel. Ry. 540. Banking town South McAlester.
B.Coal—Choctaw Coal & Mining Co. Choctaw mine.
B.Coal—Tebo Coal & Mining Co. Tebo mine.

SOUTH McALESTER, Choctaw N. M.O. Tel. Ry. 184; 540.
B.Coal—Choctaw, Oklahoma & Gulf R. R. Co. Mine at Hartshorne.

IOWA

ALBIA, Monroe Co. Pop. 2,588. M.O. Tel. Ry. 167; 391.
B.Coal—J. Brewer.
B.Coal—Enterprise Coal Co. Cap., $30,000. Enterprise mine. Shaft. Steam.
B.Coal—Geo. Hartzer.
B.Coal—Frank White.

ALDEN, Hardin Co. Pop. 602. M.O. Tel. Ry. 172; 381.
Stone—Chicago, Iowa & Dakota Railway.
Stone—H. Garbe.

ANGUS, Boone Co. Pop. 473. M.O. Tel. Ry. 177; 532.
B.Coal—Angus Coal Co. Angus mine. Shaft.
B.Coal—Dalby Coal Co. Shaft.
Stone—John Dalby.
B.Coal—Michael Feith.
B.Coal—Henderson & Throp.
B.Coal—Keystone Coal & Mining Co.
B.Coal—Snake Creek Coal Co.

ATTICA, Marion Co. Pop. 42. Ry. Hamilton, 167. Banking town Knoxville.
B.Coal—Sam'l States.
B.Coal—Louis Whitlach.

AVERY, Monroe Co. Pop. 199. M.O. Tel. Ry. 167. Banking town Albia.
B.Coal—Lone Hollow Mining Co. Lone Hollow mine. Slope. 5,000 tons. Horse.
B.Coal—Joseph C. Moyle. Slope. Horse.
B.Coal—Smoky Hollow Coal Co. John Z. Evans, pres. and buyer; Patrick Hynes, secy.; Phalen Hynes, gen. mgr. Cap. stk. $100,000, pd. up. Smoky Hollow mine. Slope and tunnel. 150,000 tons; 325 employes.

BAYARD, Guthrie Co. Pop. 542. M.O. Tel. Ry. 174.
B.Coal—W. P. Williams.

BEACON, Mahaska Co. Pop. 974. M.O. Tel. Ry. 177. Banking town Oskaloosa.
B.Coal—Beacon Coal Co. S. Phillips, mgr. Beacon mine. Slope. 25,000 tons. Steam.
B.Coal—Garfield Coal Co., Main st. R. Ramsay, pres.; W. C. Sheppard, v. pres.; J. J. Price, secy.; G. H. Ramsay, treas.; W. H. Shaw, buyer. Cap. stk. $30,000, pd. up. Garfield mine. Slope, 3,000 ft. 50,000 tons; 200 days; 75 employes. Steam.

BELKNAP, Davis Co. Pop. 160. Tel. Ry. 177; 913. Banking town Bloomfield.
B.Coal—W. J. Graham. Shaft, 35 ft. 200 tons; 200 days. Horse. (Local.)

BELLEVUE, Jackson Co. Pop. 1,535. M.O. Tel. Ry. 174.
Stone—Frank Summers.

BOONE, Boone Co. Pop. 8,345. M.O. Tel. Ry. 160; 254.
B.Coal—Boone Coal & Mining Co.
B.Coal—Boone Valley Coal & Ry. Co. Hamilton Browne, pres.; Norman D. Fraser, v. pres.; S. T. Meservey, secy. and treas.; O. M. Carpenter, gen. mgr. Cap. stk. $300,000, pd. up. Mine at Fraser.
C.E.—G. W. Brown, civil engineer.
B.Coal—Clyde Coal & Mining Co. Clyde mine.
B.Coal—Crowe & Marshall. Shaft.
B.Coal—Lower Vein Coal & Railway Co.
B.Coal—Samuel McBirnie. McBirnie mine.
B.Coal—Milford Coal Co. Milford mine. 15,000 tons. Steam.
B.Coal—Zembleman Coal Co.

BOONESBORO, Boone Co. M.O. Ry. 160.
B.Coal—Clark & Floehard.
B.Coal—Garden Hill Coal Co. Garden Hill mine.
B.Coal—Hall & Hunt.
B.Coal—W. D. Johnson & Co. Johnson No. 2 mine. Shaft. 3,000 tons. Steam.
B.Coal—John Marshall & Son. Marshall mine.
B.Coal—W. D. Morgan. Northwestern mine.
B.Coal—Riverside Coal Co. Riverside mine. Shaft. 1,000 tons. Horse.
B.Coal—Rogers & Crow. Shaft. 15,000 tons. Steam.

BRAZIL, Appanoose Co. Pop. 645. M.O. Tel. Ry. 426. Banking town Centerville.
B.Coal—Brazil Coal & Mining Co. (See B. F. Silknitter.)
B.Coal—R. Campbell.
B.Coal—Eagle Coal Co. Eagle mine.
B.Coal—Philby Coal Co. Philby mine.

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BRAZIL—Continued.
B.Coal—Phoenix Coal Co. Cap. stk., $10,000. Phoenix mine. Slope. 5,000 tons. Horse.
B.Coal—B. F. Silknitter, Centerville. Drift. 60,000 tons. Horse.
B.Coal—Star Coal Co., Streator, Ill. Star mine.
B.Coal—Tipton Coal Co. Tipton and Tipton Slope mines.

BRIGHTON, Washington Co. Pop. 892. M.O. Tel. Ry. 100; 177; 391.
Stone—L. I. Morris.
Stone—Chas. Wood.

BRISCOE, Adams Co. Banking town and Ry. Corning, 167.
B.Coal—R. Briscoe.
B.Coal—W. R. Miller.
B.Coal—Pearl Coal Mining Co. Pearl mine.
B.Coal—Geo. Plowman.

BUFFALO, Scott Co. Pop. 365. Ry. 177.
B.Coal—Buffalo Coal Co., 257 Washington st. Sam'l G. De Coursey, pres.; J. R. Trimble, secy.; F. S. Buell, treas.; C. D. R. Stowits, gen. mgr. Cap. stk. $1,000,000, pd. up. Mine at Clermont, Pa.
Stone—C. Metzger.
B.Coal—C. G. Rowan. Cap., $1,000. Penn mine. Shaft, 80 ft. 2,000 tons; 200 days; 15 employes. Horse.
B.Coal—Thos. Webster. Iron Dollar mine. Shaft. 1,000 tons. Horse.

BURLINGTON, Des Moines Co. Pop. 25,700. M.O. Tel. Ry. 100; 102; 167; 774; 885.
B.Coal—Burlington Improvement Co.
Stone—E. G. Kemper. Cap., $10,000. Limestone. 12,000 yds.; 250 days; 15 employes. Stone crusher, 1,000 yds. daily capacity. Frank Sourwine, quarry supt.
Kemper's Brown Stone Quarry. Sandstone. 500 yds.; 40 days; 2 employes.
G.S.—Little Tycoon Mining Co. H. W. Chittenden, pres.; E. P. Eastman, v. pres.; Thos. Wilkinson, secy. and treas.; G. W. Griffey, gen. mgr. and buyer. Cap. stk., $100,000. Mine at Pitkin, Colo. Gold and silver.
Lead—J. Loftus.
Iron—Murray Iron Works.
L.Z.—North American Lead & Zinc Co.
Zinc—Starrs Cave Mining Co. Isaac Herrill, pres.; Geo. Tracy, v. pres. and gen. mgr.; S. H. Flanders, secy.; J. W. Dixon, treas. Cap. stk. $150,000 pd. up. (Idle.)
Stone—August Stenstrom.
Roll.M.—Tacoma Rolling Mill.

BUSSEY, Marion Co. Pop. 110. M.O. Tel. Ry. 167.
B. Coal—O. K. Coal Co., Merrill and 4th sts. W. S. Way, pres.; C. O. Way, v. pres.; A. R. Miner, secy. and treas.; J. A. J. Powers, gen. mgr. Cap. stk., $20,000; $19,000 pd. up. Nos. 1 and 2 mines. Slope. 35,000 tons; 175 days; 45 employes. 2 miles tramway. Mine also at Hamilton.
B.Coal—J. A. J. Powers. Bussey mine.

CALMAR, Winneshiek Co. Pop. 1,656. M.O. Tel. Ry. 174.
Stone—Henry Gehling.

CARBON, Adams Co. Pop. 266. M.O. Banking town and Ry. Corning, 167.
B.Coal—Jacob Amon. (Local.)
B.Coal—Wm. Caldwell. (Local.)
B.Coal—Carbon Coal Co.
B.Coal—Chafer & Co. (Local.)
B.Coal—J. Colen. (Local.)
B.Coal—Cullen, Rees & McKee.
B.Coal—Gibbie Bros. Shaft, 60 ft. 2,000 tons; 160 days; 10 employes. Horse. 10 canal boats.
B.Coal—Gibson Coal Co. J. W. Gibson, pres. and secy.; Ralph Gibson, treas. and buyer. Diamond No. 4 mine. Shaft, 60 ft. 1,600 tons; 150 days; 10 employes. Horse. Wm. Collins, mine supt.
B.Coal—Geo. Hardin. (Local.)
B.Coal—Hart & Caldwell. (Local.)
B.Coal—R. Hathaway. (Local.)
B.Coal—Wm. Hill. (Local.)
B.Coal—L. D. Reinly. (Local.)
B.Coal—Wm. Ruth. Ruth mine. Shaft. (Local.)
B.Coal—J. F. Wilds (Local.)
B.Coal—J. Willes. (Local.)

CARBONADO, Mahaska Co. Banking town and Ry. Oskaloosa, 100; 177; 391.
B.Coal—Richard Barrownan.
B.Coal—Excelsior Coal Co., Oskaloosa. Nos. 4 and 5 mines. Shafts. Steam.
B.Coal—W. N. Hoover.
B.Coal—Andrew Love. (Local.)

CASCADE, Dubuque Co. Pop. 1,123. M.O. Tel. Ry. 174.
Stone—Dennis Parker.

CEDAR FALLS, Blackhawk Co. Pop. 4,506. M.O. Tel. Ry. 102; 171; 381.
G.S.—Iowa Mining Co. Gold and silver.
Stone—W. R. Henry.

CEDAR MINES, Monroe Co. Banking town and Ry. Albia, 167; 391.
B.Coal—Chicago & Iowa Coal Co., Chicago. Cedar mine. Shaft. 70,000 tons. Steam.
B.Coal—Enterprise Coal Co., Albia.
B.Coal—Iowa & Wisconsin Coal Co., Albia.

CEDAR RAPIDS, Linn Co. Pop. 21,590. M.O. Tel. Ry. 102; 127a; 160; 174; 381.
B.Coal—C. L. Arnott. Mine at Mystic.
Stone—E. I. C. Bealer.
C.E.—E. P. Boynton, C. E., city engineer, 827 3rd ave
B.Coal—Deep Vein Coal Co. E. J. Foster, pres. and treas.; C. H. Fugle, supt. Cap. stk., $200,000. Mine at Foster.
B.Coal—E. J. Foster.
Lead—E. C. J. Wheeler.
C.Hy.E.—George W. Wynn, civil and hydraulic engineer. Specialty, bridges and water works designing and construction.

CENTERVILLE, Appanoose Co. Pop. 5,560. M.O. Tel. Ry. 177; 391; 426.
B.Coal—Anchor Coal Co. Cap. stk., $8,000. Anchor mine. Shaft. Horse.
B.Coal—Centerville Block Coal Co. Relay mine. Shaft.
B.Coal—City Coal Co.
B.Coal—Columbia Coal Co. W. Baker, pres., gen. mgr. and buyer; B. F. Baker, secy. and treas. Cap. stk. $20,000, pd. up. Mine at Diamond, Ia.
B.Coal—W. M. Cree. (Local.)
B.Coal—Diamond Coal Co. Diamond Nos. 1 and 2 mines.
B.Coal—Eldon Coal & Mining Co., Ottumwa. Eldon No. 2 mine. Shaft. 15,000 tons.
B.Coal—Exline Block Coal Co.
B.Coal—Happy Coal Co. Happy mine. Shaft. Horse. (Local.)
B.Coal—Lane Coal Co. Laneville mine.
B.Coal—Wm. Martin. (Local.)
B.Coal—Monitor Coal Co. Monitor mine. Shaft. 5,000 tons. Horse.
B.Coal—National Coal Co. National mine.
B.Coal—North Hill Coal Co.
B.Coal—Peerless Coal Co. Peerless Nos. 1 and 7 mines.
B.Coal—Raney & Co. No. 3 shaft. 5,000 tons. Steam.
B.Coal—E. J. Richardson. (Local.)
B.Coal—Scandinavian Coal Co. Scandinavian mine. Shaft. Steam.
B.Coal—B. F. Silknitter.
B.Coal—Standard Coal Co. Standard mine.
B.Coal—Walnut Block Coal Co. Nos. 1, 2, 3, 4, 5, 6, 7 and 8 mines.
B.Coal—L. W. White.
B.Coal—James Wilson.

CHARITON, Lucas Co. Pop. 3,322. M.O. Tel. Ry. 167.
B.Coal—Jas. Hall. (Local.)
B.Coal—Thomas H. Smith. Little Whitebreast mine. Tunnel, 500 tons. (Local.)
B.Coal—Williamson & Bro. (Local.)
B.Coal—John Wilson. (Local.)

CHISHOLM, Monroe Co. Ry. 167. Banking town Albia.
B.Coal—Chisholm Coal Co.
B.Coal—Whitebreast Fuel Co., 940 Rookery, Chicago. Mine No. 10. Shaft, 100 ft. 50,000 tons; 150 days; 100 employes. Steam. R. D. Rosser, mine supt.

CINCINNATI, Appanoose Co. Pop. 1,203. M.O. Tel. Ry. 165.
B.Coal—Albert Coal Co.
B.Coal—Appanoose Coal Co. Cap. stk., $20,000. Appanoose mine. 30,000 tons. Shaft. Steam.
B.Coal—Cincinnati Coal Co. Cincinnati mine. 5,000 tons. Shaft. Horse.
B.Coal—Merchants' Coal Co.
B.Coal—Raven Coal Co.
B.Coal—Streator Coal Co., Streator, Ill. Streator mine. Shaft.
B.Coal—Thistle Coal Co. Thistle mine. Shaft.

CLARENCE, Cedar Co. Pop. 626. M.O. Tel. Ry. 160.
Stone—Prosper Perrin.

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CLINTON, Clinton Co. Pop. 17,500. M.O. Tel. Ry. 102; 160; 174.
B.Coal—Alden Coal Co.
Stone—John Anthony.
C.E.—Chas. P. Chase, C. E. City engineer.

COALFIELD, Monroe Co. Pop. 263. Tel. Ry. 391. Banking town Albia.
B.Coal—A. B. Little. Black Diamond mine. Slope. 2,500 tons. Steam.
B.Coal—Pleasant Valley Coal Co.

COALVILLE, Webster Co. Pop. 556. Ry. 504. Banking town Fort Dodge.
B.Coal—Collins Bros. Coalville mine.
B.Coal—Keefe & Dolby. (Local.)
B.Coal—James Martin. (Local.)
B.Coal—O'Keefe & Co. O'Keefe mine. (Local.)
B.Coal—Panel Bros. (Local.)
B.Coal—Pleasant Valley Mining Co.
B.Coal—Isaac Rhodes. Rhodes mine.
B.Coal—A. Stine. (Local.)
B.Coal—Williams Mining Co.

COLFAX, Jasper Co. Pop. 1,606. M.O. Tel. Ry. 177; 392.
B.Coal—W. W. Allen. (Local.)
B.Coal—James Evans. (Local.)
B.Coal—John Gunter. (Local.)
B.Coal—Thomas Hanson. (Local.)
B.Coal—Jasper County Coal Co., 409 Walnut st. T. H. Griggs, pres.; D. Ryan, v. pres.; Geo. A. Goodrich, secy., treas., gen. mgr. and buyer. Cap. stk., $60,000, pd. up. Black Crook mine. Shaft, 98 ft. 175,000 tons; 200 days; 275 employes. Steam. Henry Thomas, mine supt.

COLUMBUS CITY, Louisa Co. Pop. 485. M.O. Banking town and Ry. Columbus Junction, 102; 177.
Stone—John Wassau.

COMMERCE, Polk Co. Pop. 158. Tel. Ry. 177.
B.Coal—R. Dale. Dale mine.
B.Coal—Thos. D. Hulme. Commerce mine. Shaft, 175 ft. 1,000 tons; 230 days; 6 employes. Horse whim.

CONFIDENCE, Wayne Co. Pop. 111. Banking town and Ry. Melrose, 167.
B.Coal—J. L. Atwell.
B.Coal—William Burns.
B.Coal—R. M. Davis.
B.Coal—Lewis Frye. Cap., $2,000. Frye's shaft. Shaft, 52 ft. 1,500 tons; 270 days; 4 employes. Steam. L. Frye, mine supt. (Local.)
B.Coal—J. Hayhurst. (Local.)
B.Coal—B. F. Jared. (Local.)
B.Coal—A. Radclife. (Local.)
B.Coal—William Rousseau. Slope. (Local.)

CORLEY, Shelby Co. M.O. Ry. 177.
B.Coal—Frederick Carl.
B.Coal—John Fairly & Co.
B.Coal—North Star Coal Co.

CORNING, Adams Co. Pop. 1,769. M.O. Tel. Ry. 167.
Stone—R. H. Law, Corning.
Stone—W. O. Mitchell.

COUNCIL BLUFFS, Pottawattamie Co. Pop. 8,189. M.O. Tel. Ry. 167; 160; 174; 177; 419; 634; 899.
G.S.—Alder Mining, Milling & Smelting Co. Principal owners, Mrs. E. L. Smith, Virginia City, Mont., and Geo. O. Carson, Council Bluffs. Gold and silver. Claim at Virginia City, Mont.
Gold—Bull Hill Gold Mining Co. Mine at Cripple Creek, Colo.
Gold—Carrie S. Gold Mining Co. J. M. Parker, pres.; Henry C. Hall, secy. Cap. stk., $2,000,000. Claims at Cripple Creek, Colo.
Gold—Cripple Creek Gold Exploration Co. Walter F. Crosby, pres.; Louis R. Ehrich, secy. Cap. stk., $1,800,000. Claims at Cripple Creek, Colo.
Gold—Electric Gold Extraction Co.
Gold—Gold Bullion Mines Co.
G.S.—Highland Chief Mining Co. Gold and silver.
Gold—Ingham Consolidated Gold Mining Co.
Gold—Jupiter Mining Co.
G.S.—Mammoth Mining Co., 1030 5th ave. Gold and silver.
Gold—Matoa Gold Mining Co.
Gold—Portland Gold Mining Co. James F. Burns, pres., treas. and gen. mgr.; James Doyle, secy.; Frank G. Peck, Colorado Springs, Colo., asst. secy.

COUNTY LINE, Jefferson Co. Pop. 62. Ry. 177. Banking town Fairfield.
B.Coal—John Clark.
B.Coal—Amos Taylor.

DARBYVILLE, Appanoose Co. Pop. 185. Ry. name Darby, 174. Banking town Moravia.
B.Coal—Evans Coal Co. Evans mine.
B.Coal—Darby Coal Co. Cap. stk., $50,000. Darby mine. Shaft. 15,000 tons. Steam.
B.Coal—Superior Block Coal Co. Cap., $10,000. Superior Nos. 1 and 2 mines. Slope. 20,000 tons; 150 days; 25 employes. Horse.

DAVENPORT, Scott Co. Pop. 30,100. M.O. Tel. Ry. 102; 174; 177.
Roll.M.—Davenport Foundry Co.
Gold—Dubois Tunnel, Mining & Milling Co. W. C. Hayward, pres.; H. A. Emeis, v. pres.; N. Jordan, secy. and treas.; G. W. Griffey, Dubois, Colo., gen. mgr. Cap. stk., $1,000,000, pd. up. Mine at Dubois, Colo.
Stone—A. J. Ericks.
Stone—L. Grimoll. Limestone.
Stone—J. T. Image.
C.E.—Henry Lambach, civil engineer.
Stone—H. G. Schmidt. Limestone.

DAVIS CITY, Decatur Co. Pop. 660. M.O. Tel. Ry. 167.
Stone—Joseph Boswell.
Stone—J. Cushen. Limestone. 2 employes. (Local.)

DAWSON, Dallas Co. Pop. 200. M.O. Tel. Ry. 174. Banking town Perry.
B.Coal—Dawson Coal Co., 742-745 Old Colony bldg., Chicago. Shaft, 160 ft. 280 days; 150 employes. Steam.
B.Coal—Orman & Co. (Local.)
B.Coal—Tudor, Jenkins Coal Co.

DAYTON, Webster Co. Pop. 721. M.O. Tel. Ry. 160; 532.
B.Coal—Dayton Coal Co.
B.Coal—Gruver & Larson.
B.Coal—Skillett Creel Coal Co.

DELTA, Keokuk Co. Pop. 545. M.O. Tel. Ry. 177. Banking town Sigourney.
B.Coal—M. Fisher.
B.Coal—Hickinan & Chandler.
B.Coal—O. W. Olive.

DES MOINES, Polk Co. Pop. 56,370. M.O. Tel. Ry. 160; 167; 171; 177; 254; 426; 913.
B.Coal—Acme Coal Co., 913 W. Walnut.
B.Coal—Acme Coal & Mining Co.
B.Coal—Black Diamond Coal & Mining Co. Mine at Dunreath.
B.Coal—Black Swan Coal Co.
B.Coal—Bloomfield Coal & Mining Co. Bloomfield mine. Shaft. 30,000 tons. Steam.
B.Coal—Campfield Coal & Mining Co. Campfield mine. Shaft. Steam.
B.Coal—Carbondale Fuel Co. Wm. F. Wyckoff, pres.; Thos. L. Wood, secy. and gen. mgr. Carbondale mine. Shaft, 110 ft. Steam.
Carbondale No. 2 mine. Shaft, 140 ft. Opened December, 1895.
B.Coal—Carbondale Coal & Mining Co.
B.Coal—Christy Coal Co. Christy mine. Shaft. 40,000 tons. Steam.
B.Coal—Coon Valley Coal & Mining Co. Coon Valley mine. Shaft. 20,000 tons. Steam.
Roll.M.—Damascus Steel Co. Wm. Connor, pres.; Geo. G. Sherman, v. pres.; Geo. M. Chappel, secy.; J. H. Kern, treas.; S. R. Dawson, chem.
Chem.—Floyd Davis, E. M., Ph. D., analytical and consulting chemist.
B.Coal—Des Moines Coal Co.
B.Coal—Des Moines Coal & Mining Co.
B.Coal—Dunreath Coal Co.
B.Coal—Easton Fuel Co.
B.Coal—Eureka Coal & Mining Co. Eureka mine. Shaft. 10,000 tons. Steam.
B.Coal—M. B. Foster. Mine at Oskaloosa.
B.Coal—Gibson Coal Co.
B.Coal—Manbeck Coal & Mining Co.
B.Coal—Maple Grove Coal & Mining Co. Maple Grove mine. Shaft. 60,000 tons. Steam.
B.Coal—Oak Park Coal Mining Co.
C.E.—Frank Pelton, civil engineer and surveyor. City engineer.
B.Coal—Platt Bros., 706 Youngerman blk. Mine at Van Meter.
B.Coal—Polk City Coal & Mining Co.
Gold—Portland Gold Mining Co.
B.Coal—Proctor Coal Co. Cap., $10,000. Proctor mine. Shaft. 25,000 tons. Steam.
B.Coal—M. Quinn.
G.S.—Sunshine Cons. Mining Co. Sunshine mine. Gold and silver.
P.Coal—Van Ginkel Coal Co. Van Ginkel mine. Shaft. 15,000 tons. Steam.
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DIAMOND, Appanoose Co. Pop. 300. P.O. and Ry. Centerville, 177; 391; 426.
B.Coal—Columbia Coal Co., Centerville. Slope, 800 ft. 15,000 tons. 180 days; 30 employes. Steam.
B.Coal—Hazleton Coal Co. Hazleton mine.

DOUDS STATION, Van Buren Co. Pop. 154. M.O. Tel. Ry. 177. Banking town Keosauqua.
B.Coal—W. R. Carson. Carson mine.
B.Coal—Carson & Walker. Slope. 5,000 tons. Horse.
B.Coal—George W. Findley. Business Corner mine. Slope. 10,000 tons. Horse.
B.Coal—E. S. Green.
B.Coal—Ratcliffe Coal mines.

DUBUQUE, Dubuque Co. Pop. 40,574. M.O. Tel. Ry. 171; 174; 381.
Stone—John Becker.
Gold—Bell Gold Mining Co. W. W. Carr, pres.; T. G. Cragin, v. pres.; C. Bayliss, secy.; H. Corrance, treas.; F. B. Lathrop, gen. mgr. Cap. stk., $4,000,000, pd. up. Claim at Quincy, Cal.
Lead—John Brunskill.
Stone—Byrne & Saul, Dodge st. Hug quarry. Limestone. 15 employes. Jno. Brady, quarry supt.
Lead—Daykin Bros.
Lead—Dubuque Lead Mining Co.
Gold—Dubuque Ore Concentrating Co.
Gold—E. T. Goldthorpe.
Lead—A. W. Gosford Syndicate, 8th and Main sts. A. W. Gosford, treas.; Richard Gosford, gen. mgr. and mine supt. Ahern mine. 3 shafts, 220, 170, 195 ft. 300 days; 68 employes.
Lead—W. N. Guilford.
Lead—Chas. Isbom.
Lead—James Lockey.
Lead—Luther & Ulerich.
Lead—Mayer & Levens, Main st. Mayer lead mine. Shaft, 170 ft. 10 employes. Horse. W. Levens, mine supt.
Lead—T. Meyer.
Lead—George Mollart.
B.Coal—Smedley Mining Co.
Zinc—Trueb, Southwell & Co., 113 8th st. J. Trueb, pres.; E. T. Goldthorp, v. pres.; S. J. Southwell, secy. and buyer; Antony Trueb, treas. Cap. stk., $4,000, pd. up. Shaft, 2,000 ft. Tunnel, 210 ft. 250 days; 10 employes. Horse.

DUDLEY, Wapello Co. Pop. 278. M.O. Tel. Ry. 167. Banking town Ottumwa.
Stone—T. H. Shields & Son. T. S. Doud, secy.; G. A. Shields, treas. and buyer.; T. H. Shields, gen. mgr. Cap., $5,000. Dudley stone quarry. 60,000 yds. 300 days; 5 employes.

DUNREATH, Marion Co. M.O. Tel. Ry. 913. Banking town Pella.
B.Coal—Black Diamond Coal & Mining Co., Des Moines. Black Diamond mine. Slope. 100,000 tons. Steam.
Stone—Dunreath Quarry Co.

DURHAM, Marion Co. Pop. 63. Tel. Ry. 167. Banking town Knoxville.
Stone—John Whaley.

EDDYVILLE, Wapello Co. Pop. 847. M.O. Tel. Ry. 177; 391; 840.
B.Coal—W. P. Chilton. (Local.)
B.Coal—G. Dotts. (Local.)
B.Coal—O. N. Vance. (Local.)

ELDON, Wapello Co. Pop. 1,867. M.O. Tel. Ry. 177.
B.Coal—Thomas Dial. (Local.)
B.Coal—Eli Dye. (Local.)
B.Coal—J. B. Fite. (Local.)

ELDORA, Hardin Co. Pop. 2,096. M.O. Tel. Ry. 172; 391.
B.Coal—Black Hills Coal Co.
B.Coal—I. F. Madden. (Local.)

ELKADER, Clayton Co. Pop. 798. M.O. Tel. Ry. 174.
Stone—Alex. Atwood.
Stone—Henry Meyer.

ESTHERVILLE, Emmett Co. Pop. 2,498. M.O. Tel. Ry. 102.
C.E.—Clifton Bradley, civil engineer.

EUREKA, Adams Co. Pop. 31. Banking town and Ry. Corning, 167.
B.Coal—E. E. Elenwood. (Local.)
B.Coal—Hartshorn Bros. (Local.)
B.Coal—J. M. Hinton. (Local.)
B.Coal—Grant Ingersoll. (Local.)
B.Coal—Ingersoll & Spurrier. (Local.)
B.Coal—Robinson & Gough. (Local.)
B.Coal—B. F. Spurrier. (Local.)

EVELAND, Mahaska Co. Banking town and ry. Oskaloosa, 100; 177; 391.
B.Coal—James Greenfield. (Local.)
B.Coal—H. Richardson. (Local.)

EXCELSIOR, Mahaska Co. Ry. 391.
B.Coal—Excelsior Coal Co., Oskaloosa.

FAIRFIELD, Jefferson Co. Pop. 4,026. M.O. Tel. Ry. 167; 177.
B.Coal—George Bates. Cedar Hill mine. Shaft. (Local.)
B.Coal—Thomas Russell. (Local.)
B.Coal—John Williamson. (Local.)
B.Coal—J. W. Williams. (Local.)

FANSLERS, Guthrie Co. Banking town and ry. Guthrie Center, 177.
B.Coal—G. W. Butler. (Local.)
B.Coal—Jesse Hughes. Mine at Guthrie Center.
B.Coal—Merchant & Winters. (Local.)
B.Coal—C. Renslow. (Local.)
B.Coal—P. Renslow. Renslow mine. Shaft. 700 tons. (Local.)
B.Coal—A. Winters. (Local.)

FARLEY, Dubuque Co. Pop. 561. M.O. Tel. Ry. 171; 174; 381.
Stone—B. W. Arguett. (Local.)

FARMINGTON, Van Buren Co. Pop. 1,296. M.O. Tel. Ry. 165; 177.
B.Coal—Farmington Coal & Mining Co. Farmington mine.
B.Coal—I. Ketchum & Bros. Ketchum mine.
B.Coal—Stoddard & Turner. (Local.)
B.Coal—James Turner. (Local.)

FLAGLER, Marion Co. Pop. 48. M.O. Tel. Ry. 167. Banking town Knoxville.
B.Coal—S. R. Rollins. Oak Hill mine

FLORIS, Davis Co. Pop. 421. M.O. Tel. Ry. 177. Banking town Bloomfield.
B.Coal—W. C. Quigley. (Local.)

FORBUSH, Appanoose Co. Pop. 500. M.O. Tel. Ry 391. Banking town Centerville.
B.Coal—Whitebreast Fuel Co., 940 Rookery bldg., Chicago. Mine No. 19. Shaft, 60 ft. 85,000 tons; 160 days; 215 employes. Steam. Jacob Holland, mine supt.

FORD, Warren Co. Tel. Ry. 167. Banking town Swan.
B.Coal—Dixon & Price. (Local.)
B.Coal—Fordville Coal Mining Co.

FORT DODGE, Webster Co. Pop. 8,756. M.O. Tel. Ry. 177; 381; 504; 532.
B.Coal—George Carey. (Local.)
C.Coal—Craig Coal Co. Craig and Craig No. 6 mines.
Stucco-M.—Duncombe Stucco Co., Law bldg. J. F. Duncombe, pres.; W. E. Duncombe, v. pres., gen. mgr. and buyer; C. F. Duncombe, secy. and treas. Gypsum quarry. 150,000 tons; 35 employes. Steam. Stucco mill. Cement mill, 125 tons daily capacity. And crushed stone.
Gypsum—Ft. Dodge Gypsum Works.
B.Coal—Holiday Creek Coal Co.
B.Coal—James Keefe & Co. (Local.)
B.Coal—Rolls & Anderson. (Local.)
Stone—Frank Smith. (Local.)
B.Coal—Albert Stine. Slope. 400 tons. (Local.)
B.Coal—Timmons & Martin. (Local.)
B.Coal—Webster County Coal & Land Co.

FORT MADISON, Lee Co. Pop. 10,025. M.O. Tel. Ry. 31; 170; 774.
L.Stone—Fort Madison & Appanoose Stone Co., 713 Front st. Geo. H. Schafer, pres. and secy.; R. R. Schafer, treas. Cap. stk., $10,000, pd. up. Schafer's quarry. Quarry at Niota, Ill.

FOSTER, Monroe Co. Pop. 500. M.O. Tel. Ry. 174.
B.Coal—Deep Vein Coal Co., Cedar Rapids. Deep Vein mine. Shaft, 210 ft. 100,000 tons; 240 days; 250 employes. Steam. C. H. Fugle, mine supt.
B.Coal—Monroe Coal & Pros. Co.
B.Coal—Soap Creek Coal Co.

FRASER, Boone Co. Pop. 1,200. Ry. 80b.
B.Coal—Boone Valley Coal & Ry. Co., Boone. Three shafts, 50 to 100 ft. 120,000 tons; 240 days; 400 employes. Operate 4 miles ry.; 1 locomotive. Steam.

FREDRIC, Monroe Co. Pop. 137. Tel. Ry. 167. Banking town Albia.
B.Coal—Fredric Coal Co. (Joseph Scavenger and C. E. Akers). Jos. Scavenger, buyer. Cap., $5,500. Fredric mine. Shaft, 72 ft. 30,000 tons; 300 days; 45 employes. Steam. J. W. Scavenger, mine supt.
Mech.E.E.—Edgar Maple, mechanical and electrical engineer. Graduate Knox College, Galesburg, Ill., 1877.
B.Coal—G. A. Pierson. Pierson mine.
B.Coal—Wilson & Baxter.

GILMORE CITY, Pocahontas Co. Pop. 164. M.O. Tel. Ry. 177.
Stone—Gilmore Stone Co.
St.Lm.—Marble Valley Stone & Lime Co. Limestone.

GIVIN, Mahaska Co. Pop. 176. Tel. Ry. 177; 391; 918. Banking town Oskaloosa.
B.Coal—C. Alexander. Givin mine. Slope. 5,000 tons. Horse.
B.Coal—Snake Creek Coal Co.

GLENWOOD, Mills Co. Pop. 2,143. M.O. Tel. Ry. 167.
C.E.—Seth Dean, civil engineer. County surveyor.

GRAND JUNCTION, Greene Co. Pop. 1,015. M.O. Tel. Ry. 160; 177.
B.Coal—Dale & Goodwin.

GREENE, Butler Co. Pop. 1,168. M.O. Tel. Ry. 102.
Stone—J. D. Shook.

GUTHRIE CENTER, Guthrie Co. Pop. 1,141. M.O. Tel. Ry. 177.
B.Coal—Guthrie Center Coal Co.
B.Coal—Jesse Hughes. Fanslers. Climax mine. Shaft, 80 ft. 200 days; 5 employes. Horse.

HAMILTON, Marion Co. Pop. 300. M.O. Tel. Ry. 167. Banking town Knoxville.
B.Coal—Bondinot Bros. Cap., $10,000. Carbon Coal mines. 2 slopes. 1 shaft, 40 ft. 10,000 tons; 125 days; 50 employes. Steam. G. A. Bondinot, mine supt.
B.Coal—Geo. C. Davis. Davis mine.
B.Coal—O. K. Coal Co., Bussey, Ia. Star mine. Shaft, 60 ft. 17,500 tons; 175 days; 20 employes. Horse. G. W. York, mine supt.

HARVARD, Wayne Co. Pop. 154. M.O. Tel. Ry. 177. Banking town Allerton.
B.Coal—James A. Winger. Happy Hollow mine. Shaft. 4,000 tons. Horse.

HEDRICK, Keokuk Co. Pop. 1,021. M.O. Tel. Ry. 100; 174; 391.
Stone—J. Chadwick.
Stone—John Swearingen.

HICKORY, Monroe Co. Pop. 71. Ry. 391. Banking town Albia.
B.Coal—Central Coal Co.
B.Coal—Hickory Coal Co. Hickory mine.

HILLSBORO, Henry Co. Pop. 162. M.O. Tel. Ry. 170. Banking town Salem.
B.Coal—David Cox. Hillsboro mine. Tunnel. (Local.)
B.Coal—Wm. Yaigles.

HITEMAN, Monroe Co. M.O. Tel. Banking town and Ry. Albia, 167; 391.
B.Coal—Wapello Coal Co. Wapello No. 1 mine. Shaft. 200,000 tons. Steam.

HUMBOLDT, Humboldt Co. Pop. 1,240. M.O. Tel. Ry. 532.
Stone—Mastin & Sterns. Humboldt stone quarry. Limestone. 1,000 cords; 200 days; 6 employes. Horse.

IDA GROVE, Ida Co. Pop. 1,720. M.O. Tel. Ry. 160.
C.E.Sur.—G. W. McWilliams, civil engineer and surveyor.

IOWA CITY, Johnson Co. Pop. 7,526. M.O. Tel. Ry. 102; 177.
Stone—Ed. Crowley.
Stone—F. Hutchinson.

IOWA FALLS, Hardin Co. Pop. 2,235. M.O. Tel. Ry. 102; 172; 381.
Stone—V. A. Biggs. Limestone and sandstone. 1,500 cords. 250 days; 7 employes.
Stone—R. A. Charleston. Limestone.

JAMAICA, Guthrie Co. M.O. Tel. Ry. 174.
B.Coal—Simmons & Sons. Greenbrier mine. Shaft. 5,000 tons. Steam.

JAMESTOWN, Scott Co. Banking town and Ry. Davenport, 102; 174; 177.
B.Coal—Blackwell & Allen. (Local.)

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JAMESTOWN—Continued.
B.Coal—Fridley & Hoyt. (Local.)
B.Coal—McKin & James. Samuel James, buyer; Felix McKin, mgr. Hill Shaft mine. Shaft, 100 ft. 6,000 tons; 250 days; 20 employes. Steam. Two Jacks mine. Shaft, 40 ft., sunk October, 1895. Big Star mine. Shaft, 40 ft. 460 tons; 230 days; 9 employes. Horse. (Local.)
B.Coal—Charles Rowan. (Local.)
B.Coal—Robert Williams. (Local.)

JEROME, Appanoose Co. Pop. 256. M.O. Tel. Ry. 174.
B.Coal—Big Four Coal Co.
B.Coal—Gladstone Coal Co. Jos. Goss, pres.; Peter Marsden, secy. and treas.; Robt. Marsden, gen. mgr. and buyer. Cap. stk., $20,000, pd. up. Gladstone No. 1 mine. Shaft, 106 ft. 38,000 tons; 250 days; 100 employes. Steam. Gladstone No. 2 mine. Shaft, 164 ft. 50,000 tons; 130 employes. Steam.
B.Coal—Myers & Oughton. (Local.)

KALO, Webster Co. Pop. 490. M.O. Ry. 532. Banking town Fort Dodge.
B.Coal—Carlson Coal Co. Carlson mine.
B.Coal—O. McGovern.
B.Coal—E. Johnson. (Local.)
B.Coal—Mills & Everett. (Local.)
B.Coal—Porter & Bird. Tunnel. Jas. Porter, supt.
B.Coal—Webster Coal Co.

KEB, Wapello Co. Pop. 500. Ry. 840. Banking town Ottumwa.
B.Coal—Whitebreast Fuel Co., 940 Rookery bldg., Chicago. Mine No. 22. Shaft, 90 ft. 120,000 tons; 135 days; 250 employes. Steam. W. E. Williams, mine supt.

KIRKVILLE, Wapello Co. Pop. 400. M.O. Ry. 177. Banking town Ottumwa.
B.Coal—F. A. Waddell. Waddell mine. Shaft. (Local.)

KNOXVILLE, Marion Co. Pop. 2,862. M.O. Tel. Ry. 167; 177.
B.Coal—S. M. Berckman. (Local.)
B.Coal—Collins Coal & Mining Co.
B.Coal—William Gamble. Gamble mine.
B.Coal—Wm. Lewis. Lewis mine. Slope. 2,000 tons; 150 days; 7 employes. Steam.
B.Coal—W. O. Robinson. Slope. 1,000 tons. Horse.

KNOXVILLE JUNCTION, Mahaska Co. P.O. and Ry. Evans, 177.
B.Coal—American Coal Co.

LACONA, Warren Co. Pop. 397. M.O. Tel. Ry. 167.
B.Coal—L. Hickman. (Local.)
B.Coal—H. Vogel. (Local.)

LADDSDALE, Davis Co. Ry. 177. Banking town Ottumwa.
B.Coal—Eldon Coal & Mining Co., Ottumwa. No. 1 shaft. 40,000 tons. Steam.

LEHIGH, Webster Co. Pop. 782. M.O. Tel. Ry. 227; 504.
B.Coal—Corey Coal Co. Corey No. 1 mine. Slope. 1,500 tons. Steam.
B.Coal—G. W. Corey. Corey mine. Slope. Horse.
B.Coal—H. A. Corey. Corey No. 2 mine.
B.Coal—S. W. Corey. Corey No. 4 mine. Slope. 4,000 tons. Horse.
B.Coal—Crooked Creek Railroad & Coal Co. W. C. Willson, pres.; J. Q. Burnham, v. pres.; J. M. Funk, secy. and treas.; Samuel McClure, gen. mgr. and buyer. Cap. stk., $225,000, pd. up. No. 1, No. 3 and No. 4 mines. 2 slopes. 1 shaft, 100 ft. 20,000 tons; 197 days; 120 employes. Steam. 22½ miles railroad; 2 locomotives; 20 cars.
B.Coal—W. H. & S. McClure. Black Diamond mine. Slope. 7,000 tons. Horse.
B.Coal—A. Smith & Son. Shaft.
B.Coal—S. V. Smith. Smith mine. Shaft. 800 tons. Horse.

LEIGHTON, Mahaska Co. Pop. 153. M.O. Tel. Ry. 177. Banking town Oskaloosa.
B.Coal—R. C. Davis. (Local.)
B.Coal—A. A. Hoover. (Local.)
B.Coal—Mahaska Coal Co.
B.Coal—Wm. Patterson. (Local.)

LIBERTYVILLE, Jefferson Co. Pop. 219. M.O. Tel. Ry. 170; 177. Banking town Fairfield.
B.Coal—W. W. Laughlen. (Local.)
B.Coal—Lick Creek Coal Co. P.O. Box 87. A. J. Zimmerman, pres.; S. C. Zimmerman, secy.; A. J. Houck, treas.; W. M. Fast, gen. mgr. and buyer. Cap. stk., $20,000, pd. up. Lick Creek mine. Slope, 40 ft. 24,000 tons; 280 days; 36 employes. Horse and electric. A. J. Zimmerman, mine supt.

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LIME CITY, Cedar Co. Ry. name Lime Kilns, 177.
Stone—G. Wilkinson.

LINDEN, Dallas Co. Pop. 265. M.O. Tel. Ry. 254.
B.Coal—Redfield & Hutchins.

LIVINGSTON, Appanoose Co. Pop. 62. Ry. Numa, 177. Banking town Seymour.
B.Coal—B. B. Barker, Livingston. (Local.)
B.Coal—D. C. Fox. (Local.)
B.Coal—W. A. Fox. (Local.)
B.Coal—Wm. Lombarger. (Local.)
B.Coal—B. Parker. (Local.)

LOCKRIDGE, Jefferson Co. Pop. 59. M.O. Tel. Ry. 167. Banking town Fairfield.
B.Coal—M. D. Brown. Coal Port mine. Shaft. 5,000 tons. Horse.

LUANA, Clayton Co. Pop. 147. M.O. Tel. Ry. 174. Banking town Postville.
Stone—J. M. Ernst. (Local.)

LUCAS, Lucas Co. Pop. 670. M.O. Tel. Ry. 167.
B.Coal—Lucas Coal Co. Lucas mine.
B.Coal—Lucas & Cleveland Co-operative Coal Co. Cleveland mine.
B.Coal— —— Lumsden.

LYONS, Clinton Co. Pop. 6,005. M.O. Tel. Ry. 160; 174.
Stone—Charles Nagel. (Local.)

MADRID, Boone Co. Pop. 804. M.O. Tel. Ry. 174; 254.
Stone—John Jalick. (Local.)
B.Coal—William Knox. (Local.)
B.Coal—Strange & Son. (Local.)

MANSON, Calhoun Co. Pop. 1,214. M.O. Tel. Ry. 381.
Sur.—W. L. Thompson, surveyor and drainage engineer. Surveyor of Calhoun county.

MARSHALLTOWN, Marshall Co. Pop. 10,049. M.O. Tel. Ry. 160; 171; 391.
Stone—Brockman Quarry Co. Limestone.
Stone—Le Grande Quarry Co., cor. Main st. and 1st ave. Geo. F. Kirby, pres.; Geo. A. Gregg, v. pres., gen. mgr. and buyer; H. J. Howe, secy. and treas. Cap. stk., $125,000, pd. up. Limestone. Steam.

MARYSVILLE, Marion Co. Pop. 360. M.O. Ry. Hamilton, 167. Banking town Knoxville.
B.Coal—David Fry. (Local.)
B.Coal—John Yenser. Yenser mine. Open pit. 1,000 tons. Horse.

MASON CITY, Cerro Gordo Co. Pop. 5,627. M.O. Tel. Ry. 174; 391; 504.
Stone—S. C. Belding. Limestone.
Stone—Mason City Stone Co. Limestone and sandstone. Steam.

METZ, Jasper Co. Pop. 63. Ry. 177. Banking town Newton.
B.Coal—Wm. Burdess. (Local.)

MILLEDGEVILLE, Appanoose Co. Pop. 146. Ry. Melrose, 167.
B.Coal—Fenton Bros. (Local.)
B.Coal—G. R. Fenton & Son. (Local.)
B.Coal—N. J. Marland. (Local.)
B.Coal—Ed. Mosby. (Local.)
B.Coal—A. Stockdick & Co. (Local.)
B.Coal—J. J. Young. (Local.)

MILO, Warren Co. Pop. 406. M.O. Tel. Ry. 167.
B.Coal—N. D. Bales. Shaft. (Local.)
B.Coal—J. W. Brown. (Local.)
B.Coal—S. C. Bryant. Bryant mine. Shaft. 2,000 tons. Horse.
B.Coal—Andrew Connors. (Local.)
B.Coal—Jas. Gilbert. (Local.)
B.Coal—Jos. Mitchell. (Local.)
B.Coal—E. Richmond. (Local.)

MOINGONA, Boone Co. Pop. 1,214. M.O. Tel. Ry. 160. Banking town Boone.
B.Coal—John Caswell. Caswell mine.
B.Coal—J. E. Johnson & Co. Johnson mine.
B.Coal—F. A. Nordstrom. (Local.)
B.Coal—John Peacock. Scottish Chief mine. Shaft. 1,500 tons. Horse.
B.Coal—White Smoke Coal Co. White Smoke mine.

MONROE, Jasper Co. Pop. 908. M.O. Tel. Ry. 177.
B.Coal—T. J. Danks. (Local.)
B.Coal—E. E. Edwards. (Local.)
B.Coal—Hugh McNeish. Liberty Corner mine. Tunnel. 1,500 tons. Horse.
B.Coal—Robert Marshall.

MONTROSE, Lee Co. Pop. 764. M.O. Tel. Ry. 774. Banking town Keokuk.
Stone—Wardlow & Moore.

MORGAN VALLEY, Marion Co. Ry. 913. Banking town Swan.
B.Coal—Midland Coal & Mining Co. Midland mine. Slope and shaft. 8,000 tons. Steam.

MOUNT VERNON, Linn Co. Pop. 1,178. M.O. Tel. Ry. 160.
Stone—Mt. Vernon Stone Co.

MUCHAKINOCK, Mahaska Co. Pop. 833. M.O. Tel. Ry. 160. Banking town Oskaloosa.
B.Coal—Consolidation Coal Co. Nos. 6, 7 and 8 mines. Shaft. 225,000 tons; 270 days; 700 employes. Steam. J. E. Buxton, mine supt.

MYSTIC, Appanoose Co. Pop. 2,300. M.O. Tel. Ry. 174.
B.Coal—C. L. Arnott, Cedar Rapids. Arnott mine.
B.Coal—Blackrod Coal Co. Blackrod mine.
B.Coal—Brown & Browers. (Local.)
B.Coal—Clarksdale Coal Co. Clarksdale mine. Shaft. 4,000 tons. Horse.
B.Coal—Co-Operative Coal Co.
B.Coal—Hazelton Coal Co.
B.Coal—Henrietta Coal Co.
B.Coal—Iowa Block Coal Co.
B.Coal—Iowa and Missouri Coal and Mining Co. C. D. French, pres.; C. W. Lewis, v. pres.; C. M. Crego, secy. and treas. Slope. Annual capacity, 75,000 tons. 150 employes. Steam.
B.Coal—Lodwick Bros. Lodwick Nos. 1 and 2 mines. Drift and slope. 15,000 tons. Horse.
B.Coal—Lone Star Coal Co. Lone Star mine.
B.Coal—Mystic Block Coal Co.
B.Coal—Mystic Coal & Mining Co. (James A. Seddon). Slope. 20,000 tons. Horse.
B.Coal—Mystic Fuel Co. Mystic Nos. 1 and 2 mines.
B.Coal—Orr Bros. Orr shaft and slope.
B.Coal—James A. Seddon. (See Mystic Coal & Mg. Co.)
B.Coal—Walnut Greek Coal Co. Walnut Creek mine.
B.Coal—R. D. Whalen. (Local.)

NASHUA, Chickasaw Co. Pop. 1,302. M.O. Tel. Ry. 381.
Stone—J. B. Cummings.

NEW MARKET, Taylor Co. Pop. 545. M.O. Tel. Ry. 377.
B.Coal—Charles Adams. Adams mine.
B.Coal—Benjamin Anderson. Anderson mine. Shaft. 5,000 tons. Horse.
B.Coal—Anderson & Sons. Anderson Nos. 2 and 3 mines.
B.Coal—William H. Bean. (Local.)
B.Coal—Campbell Coal Co. Campbell mine. Beau mine. Shaft. 4,000 tons. Horse.
B.Coal—N. Easter. (Local.)
B.Coal—Powell & Lathrop. (Local.)

NEW SHARON, Mahaska Co. Pop. 1,263. M.O. Tel. Ry. 391.
B.Coal—Evans Coal Co.
B.Coal—Robert Evans. (Local.)
B.Coal—William Evans. (Local.)
B.Coal—Smith Bros. (Local.)
B.Coal—W. F. Williams. (Local.)

NEWTON, Jasper Co. Pop. 3,215. M.O. Tel. Ry. 177; 391.
B.Coal—Robert Carson. Shaft. 1,500 tons. Steam.
B.Coal—Robert Davison. (Local.)
B.Coal—Albert Lister. (Local.)
B.Coal—Newton Coal Co. Newton mine. Shaft. 8,000 tons. Steam.
B.Coal—William Snooks. (Local.)
B.Coal—H. Walker. (Local.)
B.Coal—T. F. Welsh. (Local.)

NORWALK, Warren Co. M.O. Tel. Ry. 426.
B.Coal—John Cottman. (Local.)
B.Coal—Wm. Crow. (Local.)

NUMA, Appanoose Co. Pop. 207. M.O. Tel. Ry. 177. Banking town Centerville.
B.Coal—Numa Coal Co.
B.Coal—Rock Island Block Coal Co.

OELWEIN, Fayette Co. Pop. 1,928. Ry. 102; 171.
Stone—John Coonrod.

OHIO, Madison Co. Pop. 24. P.O. and Ry. Peru 171.
C.E.Sur.—H. M. Jeffries, civil engineer and surveyor for Jones county.

OLIN, Jones Co. Pop. 648. M.O. Tel. Ry. 174.
Stone—A. Rummell. Limestone.
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OLIVET, Mahaska Co. Pop. 62. Ry. 177. Banking town Oskaloosa.
B.Coal—J. G. Davis. (Local.)

OSAGE, Mitchell Co. Pop. 2,509. M.O. Tel. Ry. 381; 953.
C.E.—C. D. Brown, civil engineer. County surveyor.

OSKALOOSA, Mahaska Co. Pop. 8,551. M.O. Tel. Ry. 100; 177; 391.
B.Coal—American Coal Co. Knoxville and Junction mines.
B.Coal—Appanoose Coal & Fuel Co. Appanoose mine.
B.Coal—Columbian Coal Co. Nos. 1 and 2 mines.
B.Coal—Eldon Coal & Mining Co. Eldon No. 1 mine.
B.Coal—H. E. Evans & Co.
B.Coal—Excelsior Coal Co. Excelsior Nos. 4 and 5 mines.
B.Coal—Garfield Coal Co. Garfield mine.
B.Coal—J. D. Guthrie. Guthrie mine. Shaft. 4,000 tons. Steam.
B.Coal—W. Hull. (Local.)
B.Coal—Iowa Fuel Co. Iowa mine.
B.Coal—Long Bros. Long mine. Shaft. 15,000 tons. Steam.
Iron—Novelty Iron Works.
B.Coal—Oskaloosa Coal & Mining Co. E. H. Gibbs, pres. and buyer; D. C. de Wolf, v. pres.; W. A. Seevers, secy. and treas.; L. R. Rosebrook, gen. mgr. Cap. stk., $100,000, pd. up. 4 shafts. 1,600 tons daily capacity. 4 miles ry.
B.Coal—Phillips Coal Co. Phillips No. 2.
B.Coal—Daniel Reigel. (Local.)
B.Coal—W. Rogers. (Local.)

OTLEY, Marion Co. Pop. 271. M.O. Tel. Ry. 177. Banking town Knoxville.
B.Coal—Crawford & Miller.
B.Coal—Marion County Coal Co., Des Moines. Otley mine. Shaft. 30,000 tons. Steam.
B.Coal—George Marshall. (Local.)
B.Coal—Otley Coal & Mining Co. Otley mine.
B.Coal—Summit Coal Co.

OTTUMWA, Wapello Co. Pop. 16,761. M.O. Tel. Ry. 167; 170; 174; 177; 840; 913.
B.Coal—Appanoose Coal & Fuel Co.
B.Coal—Baker Coal Co.
B.Coal—Baker & Adams.
C.M.E.—J. T. Beard, civil and mining engineer. First Nat. Bank bldg. Specialties, mine surveys, plats and reports.
B.Coal—Burch Bros., South Ottumwa. Pickwick mine. Shaft. 10,000 tons. Horse.
B.Coal—John Daniels. (Local.)
B.Coal—Eldon Coal & Mining Co. Eldon No. 1 mine. Shaft. (See also Centerville and Oskaloosa.)
B.Coal—Hawkeye Coal & Mining Co., 112 Market st. Hawkeye mine. Shaft. 25,000 tons. Steam.
B.Coal—Lumsden Coal Co. (John and James Lumsden). Lumsden mine.
B.Coal—Phillips Fuel Co. Cap. stk., $200,000. Phillips No. 2 shaft. 20,000 tons.
B.Coal—Jacob Ream. (Local.)
M.E.—Geo. S. Rice, mining engineer of Whitebreast Fuel Company.
B.Coal—South Ottumwa Coal & Mining Co.
B.Coal—Van Gent & Dixon. (Local.)
B.Coal—W. C. Williams. (Local.)

PACKWOOD, Jefferson Co. Pop. 249. M.O. Tel. Ry. 100.
B.Coal—Thomas Turnbull.

PANORA, Guthrie Co. Pop. 908. M.O. Tel. Ry. 254.
B.Coal—Higgins, Hoops & Morris.
B.Coal—Panora Coal Co.
B.Coal—D. D. Reese. (Local.)

PEKAY, Mahaska Co. Pop. 500. Ry. 840. Banking town Oskaloosa.
B.Coal—Whitebreast Fuel Co., 940 Rookery bldg., Chicago. Mine No. 28. Shaft, 110 ft. 160,000 tons; 140 days; 275 employes. Steam. John T. Phillips, mine supt.

PELLA, Marion Co. Pop. 2,606. M.O. Tel. Ry. 177.
B.Coal—William Franklin. (Local.)
B.Coal—J. M. Markham, Keystone mine. Shaft. 1,000 tons.
Stone—Fred Mathes. Limestone.
Stone—Vos & De Winter. Limestone.
B.Coal—Lewis Woodyard. Chrisman mine. Tunnel. 1,500 tons.

PERRY, Dallas Co. Pop. 3,750. M.O. Tel. Ry. 174; 177.
B.Coal—Angus Coal & Mining Co.
Stone—A. W. Otis. Limestone.

PILOTMOUND, Boone Co. Pop. 22. M.O. Tel. Ry. 532. Banking town Ogden.
B.Coal—John Wilson. (Local.)
B.Coal—Yunkel Bros. (Local.)

PLANO, Appanoose Co. M.O. Tel. Ry. 426. Banking town Centerville.
B.Coal—Charles Knight. (Local.)

POLK, Polk Co. Pop. 410. M.O. Tel. Ry. 160.
B.Coal—Polk City Coal Co. Polk City mine.

PRAIRIE CITY, Jasper Co. Pop. 775. M.O. Tel. Ry. 177.
B.Coal—Brown & Price. (Local.)
B.Coal—L. Greenlief. (Local.)

REDFIELD, Dallas Co. Pop. 471. M.O. Tel. Ry. 254.
B.Coal—Bott & Bros. Slope. 10,000 tons. Horse.
B.Coal—O. P. Cane. (Local.)
B.Coal—Canfield & Butts. (Local.)
B.Coal—C. P. Carr. (Local.)
Lead—W. P. McGuire.
Stone—F. W. Noel. Bear Creek quarry. Limestone. 500 yards; 300 days; 2 employes.
Stone—Redfield Quarry Co. Limestone.

RICHLAND, Keokuk Co. Pop. 556. M.O. Tel. Ry. 391.
B.Coal—Chas. Cordis. (Local.)
B.Coal—George Rambo. (Local.)

RIPPEY, Greene Co. Pop. 300. M.O. Tel. Ry. 177.
B.Coal—Rippey Coal Mining Co. Rippey mine.

ROSEHILL, Mahaska Co. Pop. 250. M.O. Tel. Ry. 177. Banking town Oskaloosa.
B.Coal—Mike Carey. Cap., $1,500. Bacon mine. Shaft, 40 ft. 1,475 tons; 185 days; 6 employes. Horse.
B.Coal—Thomas Sewers. (Local.)

RUNNELLS, Polk Co. Pop. 500. M.O. Tel. Ry. 913. Banking town Des Moines.
B.Coal—Brown & Brown. Shaft, 35 ft. Horse.
B.Coal—James Kyle. Runnells mine.
B.Coal—Midland Coal Co., Midland. Shaft. 120,000 tons. Steam.
B.Coal—White Star Coal Co.

ST. PAUL, Lee Co. Pop. 42. Ry. 170. Banking town Fort Madison.
B.Coal—Diagonal Coal Co.

SANDYVILLE, Warren Co. Pop. 97. Ry. Ackworth, 167. Banking town Indianola.
B.Coal—E. Conklin. (Local.)

SEYMOUR, Wayne Co. Pop. 2,000. M.O. Tel. Ry. 174; 177.
B.Coal—Chicago Coal Co., 742-745 Old Colony bldg., Chicago. Shaft, 240 ft. 125 employes. Steam. Peter Thomas, mine supt.
B.Coal—S. G. Hauser. Cap. $500. Superior mine. Shaft, 60 ft. 150 days. (Local.)
B.Coal—Seymour Coal Co. Seymour mine. Shaft. 8,000 tons. Steam.

SHAMBAUGH, Page Co. Pop. 583. M.O. Tel. Ry. 167. Banking town Clarinda.
B.Coal—Geo. Howard. Shaft, 80 ft. 200 tons; 150 days; 6 employes. (Local.)
B.Coal—Chas. Nann. (Local.)
B.Coal—Wm. Turner. 4 employes. (Local.)

SHELLROCK, Butler Co. Pop. 828. M.O. Tel. Ry. 102; 171.
Stone—W. O. Thurber. Limestone.

SIGOURNEY, Keokuk Co. Pop. 1,777. M.O. Tel. Ry. 174; 177.
Atty.—C. M. Brown, attorney-at-law. Specialties, collections, real estate law and settlement of estates. Compiler of the laws of Iowa for the RECORD.
B.Coal—Benj. Rowley. Cap., $6,000. Black Diamond mine. Double shaft, 70 ft. 5,500 tons; 300 days; 8 employes. Horse.

SPRINGHILL, Warren Co. Pop. 126. M.O. Ry. 177. Banking town Des Moines.
B.Coal—Earl Bros. (Local.)

STAR, Marion Co. Pop. 237. Banking town and Ry. Knoxville, 167; 177.
B.Coal—John Anderson. (Local.)

STONE CITY, Jones Co. Pop. 267. M.O. Tel. Ry. 174. Banking town Anamosa.
Stone—Anamosa Quarries. Limestone.
Stone—F. S. Brown & Co. Limestone.
Stone—Champion Quarries. (See J. A. Green.)
Stone—F. Erickson. Limestone.
Stone—Gold Hill Quarries. Limestone.

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STONE CITY—Continued.
Stone—J. A. Green. Champion quarries Nos. 1, 2, and 3. Magnetic limestone. 4,200 cars per annum; 160 employes. Steam.
Stone—John Ronen. Limestone.
Stone—Stonehill Quarries. Limestone.

SUMMERSET, Warren Co. Pop. 100. Ry. 177. Banking town Indianola.
B.Coal—Wm. Bemmer. (Local.)
B.Coal—S. W. Bennum. (Local.)
B.Coal—A. B. Caldwell. (Local.)
B.Coal—Caldwell & Cassidy. (Local.)
B.Coal—D. K. Jones. Jones mine. Shaft. 1,500 tons. Horse.
B.Coal—Edward Lord. (Local.)
B.Coal—Lumsden & Bros. (Local.)
B.Coal—D. W. Simmons. (Local.)

SWAN, Marion Co. Pop. 557. M.O. Tel. Ry. 167.
B.Coal—Beck & Co. (Local.)
B.Coal—Brennan, Blodgett & Co. Jno. M. Brennan, secy., gen. mgr. and buyer; W. W. King, treas. Swan mine. Shaft, 80 ft. 80,000 tons; 270 days; 25 employes. Steam. Jno. M. Brennan, mine supt.
B.Coal—J. J. Cenney. (Local.)
B.Coal—Kinney & Co. (Local.)

TARA, Webster Co. Pop. 108. Tel. Ry. 177; 381. Banking town Fort Dodge.
B.Coal—Anderson & Urban. (Local.)
Stone—William Pollock. Limestone.

THORNBURG, Keokuk Co. Pop. 371. M.O. Tel. Ry. 102.
B.Coal—M. Kelly. (Local.)
B.Coal—Pioneer Coal Co. M. A. Hollingsworth, pres., gen. mgr. and buyer; J. Evers, v. pres.; T. P. Temple, secy.; M. Kelley, treas. Cap. $20,000, pd. up. Pioneer mine. Shaft, 162 ft. 150 tons daily; 80 employes. Steam. (Output increasing.)

TRACY, Marion Co. Pop. 158. M.O. Tel. Ry. 167. Banking town Knoxville.
B.Coal—S. Hallowell. Slope. 200 tons. (Local.)
B.Coal—Samuel Ream. Cedar mine. Open pit. 250 tons. (Local.)
Stone—W. A. Steele. Limestone.

TREMAINE, Hamilton Co. Ry. Webster City, 160; 227; 381.
B.Coal—N. Chaplin. (Local.)
B.Coal—Robert Lewis. (Local.)

TUNNEL, Hamilton Co. Banking town and ry. Webster City, 160; 227; 381.
B.Coal—Thompson & Stephany. Stockdale mine. Open pit. 1,000 tons; 150 days; 5 employes. (Local.)

VANMETER, Dallas Co. Pop. 500. M.O. Tel. Ry. 177. Banking town Boonville.
B.Coal—Platt Bros., 706 Youngerman blk., Des Moines. No. 1 mine. Shaft, 255 ft. 30,000 tons; 250 days. Steam.
B.Coal—Van Meter Coal & Mining Co. Van Meter mine.

VERNON, Van Buren Co. Pop. 249. Ry. Bentonsport, 177. Banking town Keosauqua.
B.Coal—A. C. Boyer (Local.)
B.Coal—Perry Davis. (Local.)

VILLISCA, Montgomery Co. Pop. 2,034. M.O. Tel. Ry. 167.
B.Coal—Wm. Burnside. (Local.)
B.Coal—Burnside & Conlonlough. (Local.)

WALNUT CITY, Appanoose Co. Pop. 30. Banking town and Ry. Mystic, 177.
B.Coal—N. H. Nash. (Local.)

WATERLOO, Blackhawk Co. Pop. 8,490. M.O. Tel. Ry. 102; 171; 381.
Stone—Sam Deaner. Limestone.
Stone—Daniel Flanigan. Limestone.

WAVERLY, Bremer Co. Pop. 2,916. M.O. Tel. Ry. 102; 171; 381.
C.E.—H. S. Hoover, civil engineer and surveyor.

WHATCHEER, Keokuk Co. Pop. 2,700. M.O. Tel. Ry. 102; 160.
B.Coal—Armstrong Coal Co. Armstrong mine. Shaft. 75,000 tons. Steam.
B.Coal—Thos. Armstrong.
B.Coal—Black Diamond Coal Co. Black Diamond mine. Shaft.
B.Coal—Chas. Blankquart. (Local.)
B.Coal—John Blatt.
B.Coal—Wm. Blatt.

WHATCHEER—Continued.
B.Coal—Crescent Coal Co. Crescent Nos. 1 and 2 mines. Shaft. 100,000 tons. Steam and electricity.
B.Coal—Morgan & Garlan. "Q" mine. Slope. (Local.)
B.Coal—Smith & Rowley. (Local.)
B.Coal—Thomas Bros. Coal Co. J. D. Thomas, pres. and gen. mgr.; B. D. Thomas, v. pres.; Jas. C. Thomas, secy., treas. and buyer; W. K. Thomas, M. E. Cap. stk., $10,000, pd. up. Slope, 350 ft. 15,000 tons; 290 days; 30 employes. Steam.
B.Coal—Whatcheer Coal Co. Shafts A, F, D and Nos. 1, 4 and 5. 120,000 tons. Steam and compressed air.

WHEATLAND, Clinton Co. Pop. 565. M.O. Tel. Ry. 160; 174.
Stone—G. W. Randall. (Local.)

ZENORSVILLE, Boone Co. Pop. 268. Ry. Gilbert's Station, 160. Banking town Ames.
B.Coal—Hutchison Bros. & Son. James Hutchison, pres.; John Hutchison, v. pres.; R. B. Hutchison, secy. and treas., gen. mgr. and buyer. Cap., $10,000. No. 1 mine. Shaft, 105 ft. 7,000 tons; 100 days; 35 employes. Horse. W. C. Hutchison, mine supt.
B.Coal—Joseph York. York mine.

KANSAS

ABILENE, Dickinson Co. Pop. 3,400. M.O. Tel. Ry. 31; 177; 899.
G.S.L.—Mineral Point Mining Co. L. Hoffman, pres. and gen. mgr.; J. Walliser, v. pres.; J. H. Hoffman, secy. and treas.; M. L. Hoffman, buyer. Mine at Crystal, Colo. Gold, silver and lead.

AMERICA CITY, Nemaha Co. Pop. 120. Banking town and Ry. Havensville, 899.
B.Coal—W. H. Drage. (Local.)

ANTHONY, Harper Co. Pop. 1,367. M.O. Tel. Ry. 380; 541; 766.
C.E.Sur.—Jas. Ben Lee. Civil engineer and county surveyor.
Stone—W. Shields.

ARCADIA, Crawford Co. Pop. 557. M.O. Tel. Ry. 414.
B.Coal—Wm. Dinsmore. (Local.)

ARKANSAS CITY, Cowley Co. Pop. 6,904. M.O. Tel. Ry. 31; 541; 766.
Stone—D. L. Means.

ARVONIA, Osage Co. Pop. 113. M.O. Banking town and Ry. Lebo, 31.
B.Coal—Wm. Jeremy. (Local.)
B.Coal—Lewis Lewis. (Local.)
B.Coal—Morris & Bebb. (Local.)
B.Coal—Mrs. H. Umdenstock. (Local.)

ATCHISON, Atchison Co. Pop. 15,500. Ry. 31; 99; 177; 362; 541.
Gold-S.—J. G. Miller.

AUGUSTA, Butler Co. Pop. 1,025. M.O. Tel. Ry. 31; 766.
Stone—Palmer & Sterling.

BEATTIE, Marshall Co. Pop. 648. M.O. Tel. Ry. 760.
Stone—J. D. Newton.
Stone—Newton & Fitzgerald.

BELOIT, Mitchell Co. Pop. 3,000. M.O. Tel. Ry. 541; 899.
Stone—E. E. Harrington.

BIGELOW, Marshall Co. Pop. 275. M.O. Tel. Ry. 541. Banking town Frankfort.
Stone—T. W. Mead.
Stone—Walters & Williams.

BLUE RAPIDS, Marshall Co. Pop. 1,135. M.O. Tel. Ry. 541; 899.
Gyp.—Blue Rapids Plaster Co. F. W. Fowler, pres.; H. G. Fowler, secy., treas., gen. mgr. and buyer. Cap. stk. $50,000, $30,000 pd. up. Mine and plaster mill. Land and calcined plaster. 10,000 tons; 285 days; 8 employes. Steam. W. H. Hill, mine supt.
Gyp.—Blue Valley Plaster Co., Omaha, Neb. 12,000 tons, 300 days; 23 employes. Mill, capacity 60 tons daily. Water.
Plas.—Great Western Plaster Co. T. Harris, pres.; Wm. Hunter, v. pres.; P. B. Dodds, secy. and treas.; Jesse Axtell, gen. mgr. and buyer. Cap. stk. $20,000. Mill.

BOICOURT, Linn Co. Tel. Ry. 414. Banking town Lacygne.
B.Coal—Bradley Vernon Coal Co.

BUNKERHILL, Russell Co. Pop. 157. M.O. Tel. Ry. 899. Banking town Russell.
B.Coal—R. O. Bullen. (Local.)
B.Coal—J. Menzler. (Local.)

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BUNKER HILL—Continued.
Lig.—N. E. Warner. Spring Creek mine. Lignite. Slope, 120 ft. 191 tons; 64 days; 6 employes. Leases mine from W. P. R. R. Co.

BURLINGAME, Osage Co. Pop. 1,513. M.O. Tel. Ry. 31; 495.
B.Coal—Burlingame Coal & Mining Co.
B.Coal—Central Coal & Mining Co.
B.Coal—Hudson & Ross. (Local.)
B.Coal—Jacks Coal & Mining Co. (Local.)
B.Coal—Sarah Mings. (Local.)
B.Coal—Sturman Bros. (Local.)
B.Coal—Wm. H. Thomas. Excelsior No. 21 mine. Shaft, 105 ft. 5,000 tons; 180 days; 21 employes. Horse.
B.Coal—Richard Underwood. (Local.)

BUSHONG, Lyon Co. Pop. 29. M.O. Tel. Ry. 541. Banking town Council Grove.
Lime—L. N. Gibson.

CARBONDALE, Osage Co. Pop. 847. M.O. Tel. Ry. 31.
B.Coal—J. A. Boran. (Local.)
B.Coal—Wm. Brown. (Local.)
B.Coal—D. P. Clement. Open pit. 300 tons; 60 days; 3 employes. (Local.)
B.Coal—John Coffman. (Local.)
B.Coal—Harris & Walkinson. (Local.)
B.Coal—H. J. Hartman. (Local.)
B.Coal—Fred Hotham. (Local.)
B.Coal—John Jolee. (Local.)
B.Coal—Matthew Jones. (Local.)
B.Coal—M. E. Jones. (Local.)
B.Coal—Rennie & Shively. (Local.)
B.Coal—John Roby. (Local.)
B.Coal—Scott & Nelson. (Local.)
B.Coal—Wm. H. Thomas. Excelsior mine. Shaft, 35 ft. 2,000 tons; 150 days; 10 employes. Horse. Also mine at Burlingame.
B.Coal—Arthur Waetzig. Slope, 100 ft. 300 tons; 200 days; 1 employe. (Local.)
B.Coal—Samuel Watkins.
B.Coal—Grier Webb.

CAWKER CITY, Mitchell Co. Pop. 898. M.O. Tel. Ry. 541.
Stone—Geo. Meyer.

CENTROPOLIS, Franklin Co. Pop. 93. Banking town and Ry. Ottawa, 31.
B.Coal—Frank Ribeau. (Local.)
B.Coal—Henry Turner. (Local.)

CHAUTAUQUA SPRINGS, Chautauqua Co. P.O. and Ry. Chautauqua, 31. Banking town Sedan.
Stone—J. Slates. P.O. Box 9. Sandstone.

CHEROKEE, Crawford Co. Pop. 1,314. M.O. Tel. Ry. 414; 541.
B.Coal—Richard Davis. (Local.)
B.Coal—Fidelity Land & Imp. Co.
B.Coal—H. Germain. Open pit. Horse.

CHERRYVALE, Montgomery Co. Pop. 2,836. M.O. Tel. Ry. 31; 414; 766.
Stone—Wm. Blair.

CHETOPA, Labette Co. Pop. 2,640. M.O. Tel. Ry. 541.
Lime—E. W. Clark & Co.
B.Coal—T. A. Yadon. (Local.)

CLARKSBURG, Bourbon Co. Pop. 31. Ry. 414. Banking town Ft. Scott.
B.Coal—John Bishop. (Local.)

CLEBURNE, Riley Co. M.O. Tel. Ry. 899. Banking town Randolph.
Lime—C. J. Mills.

CLEMENTS, Chase Co. Pop. 320. M.O. Tel. Ry. 31. Banking town Cottonwood Falls.
Stone—L. P. Santy & Co.

CLEO, Brown Co. Banking town and Ry. Fairview, 177.
Stone—A. Crozier.
Stone—W. T. Hughes.

CLIFTON, Washington Co. Pop. 622. M.O. Tel. Ry. 177; 541; 899.
Stone—T. J. Stewart.

COALVALE, Crawford Co. Pop. 78. Ry. 414. Banking town Arcadia.
B.Coal—Bell & Co. Drift. (Local.)

COLLYER, Trego Co. Pop. 100. M.O. Tel. Ry. 899. Banking town Quinter.
Ochre—Saline River Ochre Co., Kansas ave. and Belt Line, Kansas City, Kan. Open pit. 500 tons; 2 employes. Operate 6 miles ry.

COLUMBUS, Cherokee Co. Pop. 2,204. M.O. Tel. Ry. 414; 899.
B.Coal—Columbus Coal Co. Shaft. Horse.
B.Coal—G. Robinson. Robinson mine. Shaft. Horse.

COTTONWOOD FALLS, Chase Co. Pop. 770. M.O. Tel. Ry. 31.
Stone—Chase County Stone Co. J. E. Duchanois, pres.; E. D. Jones, v. pres.; Geo. G. King, secy. Limestone. 500 cars; 300 days; 25 employes. Stone mill. One saw.
Stone—Wm. Pevrin. Limestone.

DENMARK, Lincoln Co. Banking town and Ry. Lincoln, 899.
B.Coal—Michael Morris. (Local.)
B.Coal—L. P. Nielson. (Local.)

DILLON, Dickinson Co. M.O. Tel. Ry. 541. Banking town Hope.
Plas.—Saline Cement Plaster Co., Saline. Open pit. Plaster mill. 40,000 tons. Steam.

DODGE CITY, Ford Co. Pop. 1,857. M.O. Tel. Ry. 31; 177.
C.E.Sur.—John G. Fonda, civil engineer and county surveyor. Special attention to irrigation work.

ELDORADO, Butler Co. Pop. 3,518. M.O. Tel. Ry. 31; 541.
Stone—D. M. Elder.
Stone—D. Shirley Martin.

ELLIS, Ellis Co. Pop. 1,020. M.O. Tel. Ry. 899.
Stone—Eli Sheldon.

EMPIRE CITY, Cherokee Co. Pop. 923. Ry. Galena, 31; 414.
B.Coal—Murphy & Minph.

EMPORIA, Lyon Co. Pop. 8,225. M.O. Tel. Ry. 31; 540.
Lime—Emporia Lumber Co.
Lime—E. F. Sprague.
C.E.—Richard Strout, C. E. City Engineer.

ENGLEVALE, Crawford Co. M.O. Tel. Ry. 541. Banking town Ft. Scott.
B.Coal—Englevale Mining Co.
B.Coal—Todd Coal Co.

FLEMING, Crawford Co. Tel. Ry. 541. Banking town Cherokee.
B.Coal—Western Coal & Mining Co., St. Louis, Mo. Fleming Nos. 2 and 3 mines. Shaft and slope.

FLORENCE, Marion Co. Pop. 1,474. M.O. Tel. Ry. 31.
Stone—A. F. Homer.
Stone—Jones & Co.

FT. SCOTT, Bourbon Co. Pop. 11,110. M.O. Tel. Ry. 414; 540; 541.
B.Coal—Newton Chase. (Local.)
B.Coal—Francis Ferree & Sons. Drift. 3,000 tons. Horse.
Stone—Gilfillan Flagstone Co. Flagstone.
B.Coal—Wm. Peerman. (Local.)
B.Coal—G. W. Pellett. Open pit. 1,200 tons; 150 days; 4 employes. (Local.)

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FOUNTAIN, Osage Co. Ry. Burlingame, 31.
B.Coal—J. Moie. (Local.)

FRANKFORT, Marshall Co. Pop. 1,084. M.O. Tel. Ry. 541.
Stone—Joseph Wilson.

FREDONIA, Wilson Co. Pop. 1,638. M.O. Tel. Ry. 31; 541; 766.
C.E.Sur.—Gen. B. Dornblaser. Civil Engineer and Surveyor of Wilson County.

FRONTENAC, Crawford Co. Pop. 951. M.O. Tel. Ry. 31; 418. Banking town Girard.
B.Coal—Cherokee & Pittsburg Coal & Mining Co., Topeka.

FULLER, Crawford Co. Pop. 200. Tel. Ry. 418.
B.Coal—Fuller Coal & Mining Co., Armour bldg., Kansas City, Mo. Fuller No. 1 mine. Shaft, 50 ft. 100,000 tons; 200 days; 100 employes. Steam. J. E. Sturgis, supt.

GALENA, Cherokee Co. Pop. 2,882. M.O. Tel. Ry. 414; 766.
L.Z.—Annie Laurie Mining Co., St. Louis, Mo. Lead and zinc. Shaft. Steam.
L.Z.—Battlefield Mining Co. Wm. F. Sapp, prop. 2,000,000 lbs. lead, 8,000,000 lbs. zinc. Steam.
L.Z.—Boice & Son. Lead and zinc. Steam.
L.Z.—Bonanza Mining Co. Lead and zinc.
L.Z.—Central Mining Co., Main st., betw. 3rd and 4th sts. W. R. Cowley, pres.; W. H. Prouty, v. pres.; A. E. Maitland, secy. and gen. mgr.; John Page, treas. Cap. stk., $15,000. Central mine. 500 tons lead, 2,500 tons zinc. Company has lease on 60 acres, which is laid off in mining lots and leased to miners on royalty.
L.Z.—Cincinnati Mining Co. Lead and zinc.
B.Coal—Clement Mining Co.
L.Z.—Columbia Mining Co. Lead and zinc.
L.Z.—B. Cooley. (Lease.) Shafts, 75, 100 ft. Lead, 30,000 lbs.; zinc, 690,530 lbs. Steam and horse.
L.Z.—J. M. Cooper Mercantile & Mining Co. J. M. Cooper, pres.; E. B. Schermerhorn, secy., treas. and gen. mgr. Cap. stk. $100,000. Shafts, 75 to 100 ft. Lead, 360,000 lbs.; zinc, 1,023,880 lbs. Steam and horse. E. B. Schermerhorn, mine supt.
Lead—Cornwall Mining Co. Shaft. Steam.
L.Z.—Crescent Mining Co. Lead and zinc.
L.Z.—Cripple Creek Mining Co. Lead and zinc.
L.Z.—Robert Crowe. Lead and zinc. Steam.
L.Z.—Crystal Mining Co. Peter Rice, pres.; W. F. Sapp, v. pres.; John McCullagh, secy. and treas. Cap. stk. $48,000. Shafts, 75 to 100 ft. Lead, 698,380 lbs.; zinc, 1,059,020 lbs. Steam and horse. F. White, mine supt.
Atty.—Russell Elliot. Attorney at Law.
L.Z.—A. Emmons & Bro. Lead and zinc. Shaft. Steam.
Lead—Empire Mining Co. Shaft. Steam.
Lead—Folmer Mining Co.
L.Z.—Galena Lead & Zinc Co. Shaft. Steam.
L.Z.—Geissinger & Martin. Midway mine. Lead and zinc. Shafts, 75 to 100 ft. Lead, 96,300 lbs.; zinc, 2,446,200 lbs. Steam and horse. G. E. Geissinger, mine supt.
Lead—Jerome Golden.
C.M.E.—John B. Hodgdon, C. S. D., Civil and Mining Engineer, and Architect, 94 West 5th St.
L.Z.—Illinois Lead & Zinc Co.
L.Z.—Jenkins & Co. Lead and zinc.
L.Z.—Kansas Lead & Zinc Co. Lead and zinc.
L.Z.—R. O. Kirby & Co. Gabriel Schmuck, gen. mgr. Shafts, 75 to 100 ft. Lead, 2,422,420 lbs.; zinc, 4,957,055 lbs. Steam and horse.
L.Z.—J. P. McCann & Co. Shafts, 80 to 100 ft. Lead, 626,260 lbs.; zinc, 2,803,230 lbs. Steam and horse. J. P. McCann, mine supt.
Lime—J. W. McClurg.
L.Z.—J. J. Mastin Mining Co. J. J. Mastin, pres.; Thos. H. Mastin, v. pres.; E. St. Geo. Noble, secy. and gen. mgr. Cap. stk. $100,000. Shaft, 100 ft. Lead, 6,994,820 lbs.; zinc, 12,625,770 lbs. Steam and horse.
I.L.Z.—Mercantile Mining Co. Iron, lead and zinc.
L.Z.—Moll Reed Paint Co. Lead and zinc.
L.Z.—Monte Cristo Mining & Smelting Co. Geo. W. Braun, pres.; Joe Fahlenbock, v. pres.; Jno. R. Sapp, secy.; Jno. McCullagh, treas. Cap. stk. $60,000. Lead, 69,560 lbs.; zinc, 373,354 lbs. Steam.
L.Z.—L. K. Moulder. Lead and zinc.
L.Z.—Ohio Lead & Zinc Mining Co. Lead and zinc. Shaft. Steam.
L.Z.—Ohio Mining Co. Bartlett Cooley, pres. and supt.; W. E. Carpenter, v. pres.; K. J. Cooley, secy. and treas. Cap. stk. $20,000. Shafts, 75 to 100 ft. Lead, 124,850 lbs.; zinc, 1,284,950 lbs. Steam and horse.
L.Z.—Page & Co.
L.Z.—E. N. Perry.
L.Z.—Phillips & Co.
L.Z.—Queen Bee Mining Co.
L.Z.—Richland Mining Co. (G. W. Gausenberg & Co., proprietors.) Shafts, 75 to 100 ft. Lead, 4,662,850 lbs.; zinc, 4,883,440 lbs. Steam and horse. G. W. Gausenberg, mine supt.

GALENA—Continued.
L.Z.—E. Robinson. Lead and zinc.
L.Z.—Shelbina Mining Co. Lead and zinc.
L.Z.—Shenango Mining Co. Lead and zinc. Shaft. Steam.
L.Z.—W. Smith. Lead and zinc.
L.Z.—South Side Mining & Manufacturing Co. W. B. Stone, pres.; J. Shoman, v. pres.; W. H. D. Brown, secy.; W. E. Stice, treas. Cap. stk. $50,000. Shafts, 95 to 125 ft. Lead, 1,372,090 lbs.; zinc, 2,612,116 lbs. Steam and horse. W. H. D. Brown, mine supt.
L.Z.—O. Sparks. Lead and zinc.
L.Z.—Stice & Shume.
L.Z.—Stone & Cove (W. B. Stone and Howard Cove). Lead and zinc. Shaft. Steam.
L.Z.—Templar Mining Co. C. L. Koeger, pres.; Alfred Blaker, v. pres.; J. A. M. Scott, secy.; Herbert Laycox, treas. Cap. stk. $25,000. Shafts, 80 to 100 ft. Lead, 305,920 lbs.; zinc, 911,430 lbs. Steam and horse. Morris Keys, mine supt.
OreM.L.Z.—Vest & Co. (J. K. Williams, M. Robeson and T. J. Vest.) T. J. Vest, mgr. Ore mill, lead and zinc. Annual sales, $50,000.
Lead—Warner Wood Co.
L.Z.—E. C. Wellep. Lead and zinc.
L.Z.—Williams & Robeson. Lead and zinc.
L.Z.—Windsor Lead & Zinc Co. Lead and zinc.
L.Z.—Wyandotte Lead & Zinc Co. F. S. Boice, pres. and gen. mgr.; E. St. Geo. Noble, v. pres.; L. J. Haines, secy.; E. B. Schemerhorn, treas. Cap. stk. $12,000. Shafts, 75 to 100 ft. 60,000 lbs. zinc and 14,508 lbs. lead. One shaft in operation. Steam.

GILFILLAN, Bourbon Co. Ry. name Gilfillans, 541. Banking town Ft. Scott.
Stone—R. S. Gilfillan.

GIRARD, Crawford Co. Pop. 2,703. M.O. Tel. Ry. 31; 414; 766.
Smelt.—Kansas Zinc & Smelting Co. Lead and zinc smelter.

GODFREY, Bourbon Co. Pop. 27. Ry. 414; 541. Banking town Ft. Scott.
B.Coal—N. D. Curtis. (Local.)

GOODLAND, Sherman Co. Pop. 988. M.O. Tel. Ry. 177.
G.S.—Goodland Mining & Machinery Co.

GRENOLA, Elk Co. Pop. 608. M.O. Tel. Ry. 31.
B.Coal—Mrs. Jane Shone. (Local.)

HALLOWELL, Cherokee Co. Pop. 300. M.O. Ry. 766. Banking town Columbus.
B.Coal—John J. Dodson. (Local.)

HANOVER, Washington Co. Pop. 903. M.O. Tel. Ry. 99; 760.
Plas.—Geo. Bangs. Plaster.

HEBER, Cloud Co. Banking town and Ry. Miltonvale, 31; 899.
B.Coal—E. Haskins. (Local.)

HELMICK, Morris Co. Ry. 541.
Stone—H. C. Richardson.

HIAWATHA, Brown Co. Pop. 3,062. M.O. Tel. Ry. 541; 760.
Stone—W. D. Hatch.
Stone—J. S. Moore.

HOISINGTON, Barton Co. Pop. 446. M.O. Tel. Ry. 541.
Stone—Wm. Altman.
Stone—John Lambrecht.

HOLTON, Jackson Co. Pop. 3,025. M.O. Tel. Ry. 177; 416; 899.
Stone—M. T. Wilson.

HOPE, Dickinson Co. M.O. Tel. Ry. 31; 541.
Gyp.—Kansas Cement Plaster Co. J. M. Bickel, pres. and gen. mgr.; J. W. Sorrels, v. pres.; W. R. Bickel, secy.; C. B. Rodgers, treas. Cap. stk. $40,000, $30,000 pd. up. Mine and plaster mill. 10,000 tons; 280 days; 20 employes. Steam.

HUTCHINSON, Reno Co. Pop. 8,515. M.O. Tel. Ry. 31; 177; 380; 541.
Salt—Barton Salt Co. Wells. Steam.
Salt—Crystal Salt Works.
Salt—Diamond Salt Co.
Salt—Hutchinson Salt Co.
Salt—Pennsylvania Salt Co. Well. Steam.
Salt—Queen City Salt Works.

HYMER, Chase Co. Tel. Ry. 31.
Stone—K. J. Fink.

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INDEPENDENCE, Montgomery Co. Pop. 3,665. M.O. Tel. Ry. 31; 541.
C.E.—B. J. Dalton, civil engineer. Railroad and city work.
Stone—N. S. Wint. Sandstone. 14,800 cubic ft. building, 60,000 ft. paving stone; 260 days; 7 employes.

IRVING, Marshall Co. Pop. 375. M.O. Tel. Ry. 541; 899. Banking town Blue Rapids.
Stone—E. Reddington.

KANOPOLIS, Ellsworth Co. Pop. 272. M.O. Tel. Ry. 541; 899. Banking town Ellsworth.
Salt—Royal Salt Co., Springfield, O. Well.

KANSAS CITY, Wyandotte Co. Pop. 40,673. M.O. Tel. Ry. 31; 414; 416; 419a; 541; 899.
Gyp.—Agatite Cement Plaster Co.
G.S.—Allen Gold & Silver Mining Co.
Lime—Ash Grove White Lime Association.
B.Coal—Bogie Man Mining Co.
Cemt.—T. Halliwell Cement Co.
Stone—Ingram Stone Co.
L.Z.—Mississippi, Kansas & Colorado Mining Co. Lead and zinc.
Lime—Mujan Lime Co.
Lead—National Lead Co.
Gold—Nopal Mining & Milling Co.
B.Coal—Pittsburg & Midway Coal Co. Mine at Midway.
Ochr.—Salina River Ochre Co., Kansas and Belt Line. Hugh McMillan, pres. and treas.; W. E. McMillan, v. pres.; M. A. McMillan, secy., treas. and buyer. Cap. stk. $10,000, pd. up. Mine at Collyer, Ks.
C.L.—Wyandotte Coal & Lime Co.

KEELVILLE, Cherokee Co. Pop. 100. Ry. Chetopa, 540; 541. Banking town Baxter Springs.
B.Coal—Holcomb Bros. (J. M., Lafayette and Bud Holcomb.) J. M., buyer. Cap. $500. Four-mile mine. Open pit. 100 tons; 75 days; 3 employes. (Local.)

KINGMAN, Kingman Co. Pop. 1,700. M.O. Tel. Ry. 380; 541; 940a.
Salt—Kingman Rock Salt Co. Shaft. Steam.

LANSING, Leavenworth Co. Pop. 1,468. M.O. Tel. Ry. 31; 88a; 416; 899.
B.Coal—Kansas State Penitentiary. J. B. Lynch, warden; Jas. Hamilton, gen. mgr. Shaft, 730 ft. 1,200,000 tons; 300 days; 300 employes. One coke oven, 400 tons. Jas. Hamilton, mine supt.

LARNED, Pawnee Co. Pop. 1,566. M.O. Tel. Ry. 31; 541.
Stone—W. S. Gregory.

LAWRENCE, Douglas Co. Pop. 10,085. M.O. Tel. Ry. 31; 899.
Lime—Bruce Lumber Co.
G.S.—Hon. J. P. Crain. Gold and silver.
Lime—Dunkley & Son.
Lime—G. Grovenor & Son.
Lime—Alex. Lewis.

LEAVENWORTH, Leavenworth Co. Pop. 20,082. M.O. Tel. Ry. 31; 177; 416; 460; 541; 899.
Lime—A. J. Angell.
B.Coal—Brighton Coal Co., Kansas City, Mo. Brighton mine. Shaft, 700 ft. Steam. Operate 5 miles ry., 1 locomotive. (Idle during 1895.)
Lime—A. M. Geiger.
B.Coal—Home Mining Co.
B.Coal—Leavenworth Coal Co.

LEBO, Coffey Co. Pop. 540. M.O. Tel. Ry. 31.
B.Coal—John Bothstadt. (Local.)
B.Coal—Hugh Jones. (Local.)
B.Coal—Walter M. Phinney. Open pit. 150 days; 200 tons. (Local.)
B.Coal—Geo. Reid. (Local.)
B.Coal—Louis Seibur. (Local.)
B.Coal—J. R. Woodworth. (Local.)

LEROY, Coffey Co. Pop. 893. M.O. Tel. Ry. 541.
Stone—T. A. Quggle.

LITTLE RIVER, Rice Co. Pop. 340. M.O. Tel. Ry. 31.
Stone—Elias Hayen.

LYONS, Rice Co. Pop. 1,445. M.O. Tel. Ry. 31; 541; 766.
Salt—Lyons Rock Salt Co.

McCUNE, Crawford Co. Pop. 700. M.O. Tel. Ry. 414.
B.Coal—S. Cartwright. (Local.)
B.Coal—W. Huntsinger. Open pit. (Local.)

MANKATO, Jewell Co. Pop. 800. M.O. Tel. Ry. 177; 541.
Stone—I. C. Hollingshead.
Cemt.—Mankato Cement Works. Cement and plaster.

MANTEY, Linn Co. Ry. Prescott, 414.
B.Coal—Robt. Carr. (Local.)
B.Coal—I. Doop. (Local.)

MARION, Marion Co. Pop. 2,077. M.O. Tel. Ry. 31; 177.
Stone—Wm. Maltby. Limestone. Hannaford quarry. 300 yards building stone; 250 days. (Local.)

MARVIN, Phillips Co. Pop. 188. M.O. Tel. Ry. 541. Banking town Phillipsburg.
Stone—Jas. Chester.

MEDICINE LODGE, Barber Co. Pop. 1,200. M.O. Tel. Ry. 31.
Gyp.—Best Bros. & Co. Gypsum. Mill, 8,000 tons capacity. Steam.

MESSER, Cherokee Co. Pop. 73. Ry. Crestline, 31. Banking town Columbus.
Lead—C. DeGraff.

MIDWAY, Crawford Co. Pop. 246. Tel. Ry. 414. Banking town Pittsburg.
B.Coal—Kansas Shaft & Mining Co.
B.Coal—Pittsburg & Midway Coal Co., Kansas City. Mines Nos. 1, 2 and 3. Shafts. Steam.

MINERSVILLE, Cloud Co. Pop. 135. Ry. Concordia, 31; 167; 541; 899.
B.Coal—S. F. Curtis. (Local.)
B.Coal—A. Henderson. (Local.)
B.Coal—Kirk & Hoy. (Local.)
B.Coal—Wm. Weitzel. Shaft. Horse.

MINNEAPOLIS, Ottawa Co. Pop. 1,559. M.O. Tel. Ry. 31; 899.
Cemt.—Columbia Paving Co. Cement.
Cemt.—M. H. Crittenden & Son. Cement.
Cemt.—Twin City Cement Co.
Cemt.—Geo. Williams. Cement.

MOUND VALLEY, Labette Co. Pop. 545. M.O. Tel. Ry. 540; 766.
Stone—John Rogers.

NEODESHA, Wilson Co. Pop. 1,783. M.O. Tel. Ry. 541; 766.
Stone—Cramer & Dooley. Cap. $2,000. Sandstone. 2,000 perch. 5 employes.

NEOSHA FALLS, Woodson Co. Pop. 606. M.O. Tel. Ry. 31; 540.
Stone—G. H. Broughton.

OKETO, Marshall Co. Pop. 334. M.O. Tel. Ry. 899.
Stone—Eastbrook & Moore.
Stone—Wilson & Stein.

ORCHARD, Linn Co. Pop. 27. Banking town and Ry. Lacygne, 414.
B.Coal—L. W. Gage. (Local.)
B.Coal—Benjamin Goode. (Local.)
B.Coal—E. Sink. (Local.)

OSAGE CITY, Osage Co. Pop. 4,275. M.O. Tel. Ry. 31; 541.
B.Coal—Black Diamond Coal Co. Shaft. Horse.
B.Coal—A. W. Gramstron. (Local.)
B.Coal—Osage Carbon Coal Co. Shafts Nos. 20, 22, 23, 24, 25 and 27. Horse.
B.Coal—Pittsburg Coal, Land & Mining Co. Pittsburg mine. Shaft. Horse.
B.Coal—Swedish Coal & Mining Co. Rosenquist mine.
B.Coal—Western Fuel Co. Shafts Nos. 2, 5 and 6.

OSWEGO, Labette Co. Pop. 2,145. M.O. Tel. Ry. 540; 766.
Lime—Thos. McNiff.

PALCO, Rooks Co. M.O. Ry. 899. Banking town Stockton.
Stone—Fargo Tile Walk Co.

PARSONS, Labette Co. Pop. 7,700. M.O. Tel. Ry. 414; 540.
B.Coal—Bushy & Smith. (Local.)
Stone—J. Kinnziel & Son. Limestone.
Stone—Noakes & Prather. (W. M. Noakes and N. F. Prather.) Sandstone. (Local.)
Lime—A. M. Taylor & Co.

PAWNEE STATION, Bourbon Co. Pop. 87. Ry. 414.
B.Coal—G. F. Lunquest. Open pit. Horse.
B.Coal—E. Wolford. (Local.)

PETERTON, Osage Co. Pop. 426. M.O. Tel. Ry. 31. Banking town Burlingame.
B.Coal—Carbon Coal & Mining Co.
B.Coal—Coughlin Bros. (Local.)

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PITTSBURG, Crawford Co. Pop. 8,990. M.O. Tel. Ry. 31; 414; 418; 541; 766.
B.Coal—Annott & Lanyon. (Local.)
B.Coal—W. C. Beck & Sons. (Local.)
Smlt.—Robert Lanyon & Co. Lead smelter.
Smlt.—S. H. Lanyon & Bro. Lead smelter.
Smlt.—W. & J. Lanyon. Lead smelter.
B.Coal—Minerd & Co. New York mine. Shaft. Steam.
B.Coal—Montgomery & Sheets. Open pit. (Local.)
Lime—Pittsburg Supply Co.
Atty.—John Randolph, attorney at law. Special attention to railroad and mining corporation laws. Compiler of the laws of Kansas for the RECORD.
B.Coal—C. L. Stotts & Co. (Local.)
B.Coal—W. A. Swan Coal Co. Four mines. Strip, slope and shaft, 100 ft. 2,000 cars; 200 days. Steam.
B.Coal—Vincent Bros. (Local.)

PLEASANTON, Linn Co. Pop. 990. M.O. Tel. Ry. 414; 541.
B.Coal—Mine Creek Coal Co. No. 1 mine. J. T. Reavley, pres.; I. M. Flemming, v. pres.; C. F. Cole, secy. and buyer; Hugh Reid, treas. Cap. stk. $50,000, $37,500 pd. up. No. 1 mine. Shaft, 90 ft. 75 employes. Coke ovens, 25,000 tons. Hugh Reid, mine supt.
B.Coal—Pleasanton Coal Co.
B.Coal—Thos. Staton. (Local.)

POMONA, Franklin Co. Pop. 466. M.O. Tel. Ry. 31; 541.
B.Coal—J. M. Dyer. (Local.)
B.Coal—Dyer & Graves. Dyer mine. Tunnel.
B.Coal—J. P. Lindsley. (Local.)
B.Coal—Wm. Wickham. (Local.)

PRESCOTT, Linn Co. Pop. 241. M.O. Tel. Ry. 414. Banking town Mound City.
B.Coal—John Brown, Sr. Brown mine. Open pit. Horse.
B.Coal—J. J. Ham. Ham mine. Open pit. Horse.
B.Coal—Grant and Andy Lonsberry. Lessees from J. C. Billings, owner. (Local.)

QUARRY, Marion Co. Ry. name Quarry Siding, 177.
Stone—I. Kuhn. Limestone. 75 carloads.

QUENEMO, Osage Co. Pop. 643. M.O. Tel. Ry. 31; 541.
B.Coal—A. S. Mason. (Local.)

RANDALL, Jewell Co. Pop. 239. M.O. Tel. Ry. 541.
Lime—R. M. Bingham.

RANSOMVILLE, Franklin Co. Pop. 87. Ry. 31. Banking town Ottawa.
B.Coal—Caple Bros. Geo. Caple, pres.; J. A. Caple, gen. mgr. Cap. $5,000. Slope, 40 ft. 40,000 tons; 200 days; 7 employes. Horse cars.
B.Coal—J. H. Ransom & Co. (Local.)

RUSSELL, Russell Co. Pop. 952. M.O. Tel. Ry. 899.
Stone—John Price.

RUSSELL SPRINGS, Logan Co. Pop. 117. M.O. Tel. Ry. Winona, 899. Banking town Oakley.
C.E.Sur.—Ben L. Allen, civil engineer and surveyor.

SALINA, Saline Co. Pop. 5,703. M.O. Tel. Ry. 31; 177; 541; 899.
Gyp.—Becott Gypsum & Cement Co.
Iron—Idaho Mining Co.
Plas.—Peerless Cement Plaster Co.
Plas.—Salina Cement Plaster Co. Works at Dillon.

SCAMMON, Cherokee Co. Pop. 750. M.O. Tel. Ry. 414. Banking town Weir.
B.Coal—Peter Graham. (Local.)
B.Coal—Norton Coal Co. Norton No. 2 mine. Shaft. Steam.

SCRANTON, Osage Co. Pop. 1,450. M.O. Tel. Ry. 31. Banking town Lyndon.
B.Coal—Bell Bros. (John and Duncan Bell.) Duncan Bell, pres. and secy.; John Bell, gen. mgr. and treas. Cap. $6,000. Shaft, 106 ft. 8,000 tons; 40 employes. 1 mile tramway.
B.Coal—Thos. Chappell. (Local.)
B.Coal—Elliott & Bunten. (Local.)
B.Coal—Hogglns & Ross. (Local.)
B.Coal—Jas. Ingham. (Local.)
B.Coal—Henry Isaac. (Local.)
B.Coal—Roady Bros. (Local.)
B.Coal—Ryan & Co. Ryan's shaft. Cap. $3,000. Shaft, 50 ft. 8,500 tons; 180 days; 35 employes. 4 coke ovens, 8,500 tons. Horse.

SEDAN, Chautauqua Co. Pop. 1,085. M.O. Tel. Ry. 541.
Stone—D. M. Goldsmith.

SENECA, Nemaha Co. Pop. 1,970. M.O. Tel. Ry. 416; 760.
Stone—Jos. Meyers.

SILVER LAKE, Shawnee Co. Pop. 256. M.O. Tel. Ry. 899. Banking town Topeka.
B.Coal—Wm. H. Forbes. Silver Lake mine. Shaft. Horse.

SOLOMON, Dickinson Co. Pop. 839. M.O. Tel. Ry. 31; 177; 899.
Gyps.—Crown Plaster Co.
Salt—Solomon Solar Salt Co.

STIPPVILLE, Cherokee Co. Ry. name Stepps, 414.
B.Coal—Scammon Coal Co. Scammon No. 1 mine.

STRONG, Chase Co. Pop. 776. M.O. Tel. Ry. 31.
Stone—Rittinger Bros.

THAYER, Neosho Co. Pop. 544. M.O. Tel. Ry. 31.
B.Coal—George French. (Local.)
B.Coal—R. Hampton. (Local.)
B.Coal—Frederick Lindsley. (Local.)
B.Coal—Michael Mertz. (Local.)

TOPEKA, Shawnee Co. Pop. 31,000. M.O. Tel. Ry. 31; 177; 541; 899.
Lime—Chicago Lumber Co.
Lime—E. P. Ewart.
Lime—J. G. Fleishman.
B.Coal—Raton Coal & Coke Co.
Lime—H. Strong.
Lime—J. Thomas Lumber Co.
B.Coal—Wear Coal Co., 110 W. 6th.

WAMEGO, Pottawatomie Co. Pop. 1,410. M.O. Tel. Ry. 899.
Lime—A. Picolet.

WASHINGTON, Washington Co. Pop. 1,418. M.O. Tel. Ry. 99; 541.
Hy.E.S.—T. C. Edington, hydraulic engineer and surveyor.

WATHENA, Doniphan Co. Pop. 694. M.O. Tel. Ry. 177; 760.
Stone—C. F. Newton.

WAVERLY, Coffey Co. Pop. 548. M.O. Tel. Ry. 31; 541.
B.Coal—A. P. Ingleman. Open pit. Horse.
Stone—J. N. Rickman.

WEIR, Cherokee Co. Pop. 3,025. M.O. Tel. Ry. 414; 766.
Zinc—Cherokee Zinc Co.
B.Coal—J. H. Durkee Coal Co. Shafts and slopes. Steam.
B.Coal—Excelsior Coal Co. Excelsior mine.
B.Coal—Kansas & Texas Coal Co., St. Louis, Mo. Shafts, 18, 23 and 47. Steam.

WEIR—Continued.
Iron—Occidental Mining Co.
B.Coal—Weir Bros. Weir Bros. No. 2 mine.
B.Coal—Weir City Coal Co. Bennett Nos. 5 and 7 mines.

WELLINGTON, Sumner Co. Pop. 3,660. M.O. Tel. Ry. 31; 177.
Salt—Espy & Co.
Sur.—Orville Smith, surveyor.

WHEATON, Pottawatomie Co. Pop. 110. M.O. Tel. Ry. 899. Banking town Havensville.
Lime—J. N. Force.

WICHITA, Sedgwick Co. Pop. 20,845. M.O. Tel. Ry. 31; 177; 541; 766; 940a.
B.Coal—Kansas Consumers Co.

WILLIAMSBURG, Franklin Co. Pop. 802. M.O. Tel. Ry. 31.
B.Coal—L. Brown. Open pit. Horse.
B.Coal—Franklin Coal Co. Drift. (Local.)
B.Coal—Pearson & Alexander. Shaft. Horse.
B.Coal—W. H. Young. Open pit. Horse.

WILSON, Ellsworth Co. Pop. 770. M.O. Tel. Ry. 899.
B.Coal—Chas. Kelley. (Local.)
Stone—Chas. Sears. (Local.)

WINFIELD, Cowley Co. Pop. 5,035. M.O. Tel. Ry. 31; 541; 766.
Stone—H. M. Allen.
Stone—Jos. E. Conklin.
Stone—Harris & Son.
Stone—Winfield Stone Co.

WOODLAND, Bourbon Co. Pop. 16. Ry. name Azua, 541. Banking town Ft. Scott.
B.Coal—H. McCorkle.

WREFORD, Geary Co. Pop. 73. Ry. 540.
Stone—John Kean.

YALE, Crawford Co. Pop. 350. M.O. Tel. Ry. 541. Banking town Girard.
B.Coal—Southwestern Coal Co., 210 Hall bldg., Kansas City, Mo. No. 3 mine. Shaft, 70 ft. 50,000 tons; 250 days; 80 employes. Steam.

YORKTOWN, Lincoln Co. Ry. Lincoln, 899.
Lig.—N. B. Alley. Cap. $1,000. Lignite. Shaft, 50 ft. 400 tons; 180 days; 10 employes. (Local.)
Cemt.—Western Portland Cement Co.

KENTUCKY

ABERDEEN, Butler Co. Pop. 90. Ry. 352. Banking town Morgantown.
B.Coal—Aberdeen Coal & Mining Co., Morgantown. Open pit and drift. Horse.
B.Coal—Wm. Herrald. (Local.)

ADAMS, Lawrence Co. Banking town and Ry. Louisa, 150.
B.Coal—J. R. Dean. (Local.)
B.Coal—T. L. Dooley. (Local.)
B.Coal—W. E. Dooley. (Local.)
B.Coal—W. S. Grubb. (Local.)
B.Coal—T. L. Moore. (Local.)
B.Coal—John Riddle. (Local.)
B.Coal—John Spencer. (Local.)

AETNAVILLE, Ohio Co. Pop. 163. Ry. name Deanefield, 151. Banking town Hartford.
B.Coal—J. Bellamy. (Local.)
B.Coal—Justice Simpson. Aetnaville mine. Drift. (Local.)
B.Coal—D. Stewart Miller. Aetna colliery. Mine at Deanefield.
B.Coal—Thompson Coal Co. Thompson mine. George C. Roberts, supt.

ALBANY, Clinton Co. Pop. 375. M.O. Ry. 231. Banking town Barksville.
B.Coal—Thos. Davidson. (Local.)

ALPHORETTA, Floyd Co. Pop. 53. Banking town Prestonburg.
B.Coal—A. Allen. (Local.)

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ALPHORETTA—Continued.
B.Coal—D. Allen. (Local.)
B.Coal—H. Crisp. (Local.)
B.Coal—E. S. Dingus. (Local.)
B.Coal—Jas. Dingus. (Local.)
B.Coal—Nancy Dingus. (Local.)
B.Coal—S. P. Dingus & M. C. Spencer. Drift. (Local.)
B.Coal—John Holbert. (Local.)
B.Coal—John May. (Local.)
B.Coal—R. Osborn. (Local.)
B.Coal—Thos. Osborn. (Local.)

ALPINE, Pulaski Co. Ry. 193. Banking town Somerset.
B.Coal—Richmond Coal Co. Theodore Richmond, pres.; A. S. Glover, secy. and treas. Alpine mine. Drift. 12,000 tons. E. A. Foster, mine supt.

ALTAMONT, Laurel Co. Pop. 215. M.O. Tel. Ry. 16a; 479. Banking town London.
B.Coal—Altamont Coal Co. Cap. stk. $200,000. Altamont mine. Tunnel. Steam.
B.Coal—Buckeye Coal Co. Daniel Bledsoe, pres.; John Sayres, secy.; Harlem Floyd, treas. Buckeye mine. 2,000 tons.
B.Coal—Diamond Coal Co. J. D. Smith, pres.; H. C. Thompson, gen. mgr. Diamond mine. 30,000 tons.
B.Coal—East Altamont Coal Co.
B.Coal—Manchester Coal Co. C. R. Coleman, secy.; John W. Harris, treas. Manchester mine. 12,000 tons.

ANDREWS, Laurel Co. Pop. 26. Ry. Hazle Patch, 479.
B.Coal—Wm. Norton. (Local.)

ANNVILLE, Jackson Co. Ry. East Bernstadt, 479. Banking town London.
B.Coal—Sam'l Casteel.
B.Coal—Vaughn Mining Co. Vaughn mine. Open pit.

ARTEMUS, Knox Co. Ry. 479. Banking town Barboursville.
B.Coal—East Jellico Coal Co.

ASHLAND, Boyd Co. Pop. 4,195. M.O. Tel. Ry. 29; 150.
B.Coal—E. H. Anderson. (Local.)
B.Fur.—Ashland Coal & Iron Co.
B.Coal—Ashland Coal & Iron Ry. Co. Douglas Putnam, pres.; John G. Peebles, v. pres.; Robert Peebles, secy. and buyer; E. C. Means, supt. Cap. stk. $1,450,000, pd. up. Mines at Rush and Grant. Operate 22 miles ry.; 8 locomotives; 500 cars.
B.Coal—Forestdale Fire Brick & Tile Works. James H. Poage, pres. and treas.; James A. Haskell, secy., gen. mgr. and buyer. Cap. stk. $40,000, pd. up. Mines at Forestdale.
B.Coal—Great Western Mining & Manufacturing Co.
B.Coal—Kentucky Iron & Coal Mining Co.
C.Coal—Lexington & Carter County Mining Co., Lexington. Stinson mine. Slope. 15,000 tons; 280 days; 200 employes. Steam.
Mt. Savage mine. Slope. 40,000 tons; 200 days; 85 employes. P. B. Gilderoy, M. E., mine supt.
B.Fur.—Means & Russel Iron Co.
R.M.Fur.—Norton Iron Works.
Chem.—Meyer Schamberg. Practical and analytical chemist.
B.Coal—Mrs. S. A. White. (Local.)

BACKBONE, Elliott Co. Ry. Willard, 273. Banking town Grayson.
B.Coal—Wm. Blevins. (Local.)
B.Coal—Jas. Booth. (Local.)
B.Coal—L. H. Clark. (Local.)
B.Coal—John Creech. (Local.)
B.Coal—John Gillum. (Local.)
B.Coal—Robt. Griffith. (Local.)
C.Coal—R. B. Leedy. Drift. (Local.)
B.Coal—Wm. Marshall. (Local.)
B.Coal—Peter Mays. (Local.)
B.Coal—J. K. Pennington. Drift. (Local.)
B.Coal—Jas. Porter. (Local.)
B.Coal—J. C. Porter. (Local.)
B.Coal—M. M. Rice. Drift. (Local.)
B.Coal—W. T. Rivers. (Local.)
B.Coal—John Sloas. (Local.)
B.Coal—S. Stephelton. (Local.)
B.Coal—Wm. Stephelton. (Local.)
B.Coal—D. F. Webb. (Local.)
B.Coal—J. L. Wheeler. (Local.)

BAKER, Letcher Co. Ry. Gilly, Va., 479; 836. Banking town Pikeville.
B.Coal—E. W. Baker. (Local.)
B.Coal—Henry Baker. (Local.)
B.Coal—Allen Hall. (Local.)
B.Coal—Benjamin Hall. (Local.)
B.Coal—Thos. Hall. (Local.)
B.Coal—W. D. Collins. (Local.)
B.Coal—Isaac Potter. (Local.)
B.Coal—Jas. Youts. (Local.)

BARBOURSVILLE, Knox Co. Pop. 1,162. M.O. Tel. Ry. 479.
B.Coal—G. A. Bushon. (Local.)
Stone—P. E. Gillenworter.
B.Coal—Thos. Henson. (Local.)
Stone—J. R. Hicks.

BARNETTS CREEK, Johnson Co. Pop. 175. Banking town Louisa.
B.Coal—W. B. Arms. (Local.)
B.Coal—M. J. Candill. (Local.)
B.Coal—W. L. Lewaster. (Local.)
C.Coal—J. M. Pelprey. (Local.)
B.Coal—N. Picklesimer. (Local.)
B.Coal—Wm. Picklesimer. (Local.)
B.Coal—J. M. Trimble. (Local.)
B.Coal—Wm. Trimble. Drift. (Local.)
B.Coal—M. Whitten. (Local.)

BARNSLEY, Hopkins Co. Ry. 479. Banking town Madisonville.
B.Coal—Co-operative Mining and Mfg. Co. Wm. Walton, pres.; J. W. Dunning, secy. Cap. stk. $500,000. Co-operative mine. Drift. 42,000 tons. Horse. W. T. Green, mine supt.

BASKETT, Henderson Co. Ry. 485. Banking town Henderson.
B.Coal—Baskett Coal Co. Cap. stk. $25,000. Baskett mine. Shaft. Steam.
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BEATTYVILLE, Lee Co. Pop. 654. M.O. Tel. Ry. 60. Banking town Irvine.
B.Coal—Avent Beattyville Coal Co. E. P. Avent, pres. and gen. mgr.; H. C. McConnell, v. pres. and treas.; P. Wooldridge, Jr., secy. Avent mines Nos. 1 and 2. 20,000 tons. Steam.
B.Coal—Beattyville Coal Co. J. P. Amsden, pres.; Henry Landsberg, secy. and treas.; A. S. Henry, gen. mgr. Beattyville mine. 16,000 tons. Steam.
B.Coal—Crystal Creek Coal Co. E. P. Avent, pres.; B. M. Hicatt, v. pres.; H. C. McConnell, secy. and treas.; Allen Hicatt, supt. Crystal Creek mine. 9,000 tons.
B.Coal—Thos. Jamieson. (Local.)
B.Coal—John G. McGuire. (Local.)
B.Coal—Thos. J. Phillips. (Local.)

BEAVER, Floyd Co. Pop. 58. Banking town Pikeville.
B.Coal—R. S. Elliott. (Local.)
B.Coal—Jos. Hall. (Local.)
B.Coal—Andrew Mitchell. (Local.)

BEDA, Ohio Co. Pop. 54. Ry. Beaver Dam, 151. Banking town Hartford.
B.Coal—J. S. Bennett. (Local.)
B.Coal—R. A. Bennett. (Local.)
B.Coal—S. A. Bennett. (Local.)
B.Coal—R. M. Davis. (Local.)
B.Coal—J. N. Hudson. (Local.)
B.Coal—J. B. Rowan. (Local.)
B.Coal—Jos. T. Wallace. (Local.)

BEECHGROVE, McLean Co. Pop. 375. M.O. Ry. Sebree, 479. Banking town Calhoun.
B.Coal—W. H. Hardin. Drift. Horse. (Local.)
B.Coal—J. L. Hudson. Slope. Horse. (Local.)
B.Coal—A. A. Wilson. (Local.)

BEESPRING, Edmondson Co. Pop. 88. Ry. Rocky Hill Stat., 479. Banking town Leitchfield.
B.Coal—John F. Meredith. Drift. (Local.)
B.Coal—James Musick. (Local.)
B.Coal—H. T. Reck. (Local.)
B.Coal—J. E. Stone. (Local.)

BEVIER, Muhlenberg Co. Pop. 299. Tel. Ry. 479. Banking town Greenville.
B.Coal—Memphis Coal & Mining Co. H. M. Neely, pres.; W. H. Moore, secy. Memphis mine. Shaft.

BIG CLIFTY, Grayson Co. Pop. 175. M.O. Tel. Ry. 151. Banking town Leitchfield.
B.Rock—Ohio Bituminous Rock Co.

BINGHAM, Bell Co. Pop. 22. Ry. Pineville, 479.
B.Coal—Mac Howard. (Local.)
B.Coal—P. M. Woolum. (Local.)

BLAINE, Lawrence Co. Pop. 275. Ry. Webbville, 273. Banking town Louisa.
B.Coal—Henry Boggs. (Local.)
B.Coal—J. H. Boggs. (Local.)
B.Coal—A. M. Burton. (Local.)
B.Coal—Wm. Edwards. (Local.)
B.Coal—H. C. Evans. (Local.)
B.Coal—H. H. Gambill. (Local.)
B.Coal—M. F. Gambill. (Local.)
B.Coal—A. M. Holbrook. (Local.)
B.Coal—J. H. Holton. (Local.)
B.Coal—C. L. Osborn. (Local.)
B.Coal—N. T. Rice. (Local.)
B.Coal—M. M. Walter. (Local.)
B.Coal—J. Williams. (Local.)

BLOOMINGTON, Magoffin Co. Pop. 58. Ry. Jackson, 468. Banking town Prestonburg.
B.Coal—E. Canard. (Local.)

BOONEVILLE, Owsley Co. Pop. 425. M.O. Ry. Beattyville, 60.
B.Coal—Samuel Bradenburg.
B.Coal—G. Campbell. (Local.)
C.Coal—H. B. Canwood. (Local.)
B.Coal—C. E. Duff. (Local.)
B.Coal—John Flanery. (Local.)
B.Coal—A. B. Gilbert. (Local.)
B.Coal—Sam'l Herndon. (Local.)
B.Coal—S. P. Hogg. (Local.)
B.Coal—Judge S. Isaac. (Local.)
B.Coal—Jett Jefferson. (Local.)
B.Coal—A. B. McGuire. (Local.)
B.Coal—S. McPherson. (Local.)
B.Coal—George Martin. (Local.)
B.Coal—Chas. H. Mintner. (Local.)
B.Coal—W. A. Mintner. (Local.)
B.Coal—H. H. Moore. (Local.)
B.Coal—P. B. Moore. (Local.)
C.Coal—Dan'l Reynolds. (Local.)
C.Coal—C. B. Reynolds. (Local.)

BOONEVILLE—Continued.
B.Coal—Joseph C. Reynolds. (Local.)
C.Coal—M. Reynolds. Tunnel, 300 ft.
B.Coal—R. Reynolds. (Local.)
B.Coal—H. C. Roland. (Local.)
B.Coal—Martin Roland. (Local.)
B.Coal—Geo. B. Rose. (Local.)
B.Coal—L. C. Rose. (Local.)
B.Coal—J. W. Seale. (Local.)
B.Coal—J. M. Sebastian. (Local.)

BOONS CAMP, Johnson Co. Pop. 152. Ry. Richardson, 150.
B.Coal—R. Ackers. (Local.)
B.Coal—E. Fields.
B.Coal—Jas. Meek. (Local.)
B.Coal—Marion Pack. (Local.)
B.Coal—G. W. Perry. (Local.)
B.Coal—Jas. Ward. (Local.)
B.Coal—Wm. A. Wells. (Local.)

BORDLEY, Union Co. Pop. 200. Ry. Morganfield, 630.
B.Coal—A. Lever. (Local.)
B.Coal—Wm. Newcomb. (Local.)

BOREING, Laurel Co. Ry. Lily, 479. Banking town Williamsburg.
B.Coal—Richard Bolton. (Local.)
B.Coal—T. H. Jones. (Local.)
B.Coal—W. H. Jones. (Local.)
B.Coal—H. Woodyard. (Local.)

BOWEN, Powell Co. Ry. name Filson, 468. Banking town Clay City.
B.Coal—W. B. Cougleton. Branch mine. Drift.
B.Coal—Wm. Townsend. (Local.)

BOWLING GREEN, Warren Co. Pop. 7,803. M.O. Tel. Ry. 479.
Stone—Belknap & Dumesnil Stone Co.

BRANDENBURG, Meade Co. Pop. 495. M.O. Ry. 485.
Salt—Meade County Salt Works. Fine Salt. Steam.

BREMEN, Muhlenberg Co. Pop. 175. M.O. Ry. S. Carrollton, 479. Banking town Central City.
B.Coal—N. C. Harper. (Local.)

BUCKCREEK, Owsley Co. Pop. 78. Ry. Beattyville, 60. Banking town Manchester.
B.Coal—Isaacs & Price (S. Isaacs and N. Price). Isaacs mine. Open pit.
B.Coal—L. Neely. (Local.)
B.Coal—Harvey Price. (Local.)

BUNCOMBE, Knott Co. Pop. 32. Ry. Jackson, 468. Banking town Prestonburg.
B.Coal—A. J. Amburgey. (Local.)
B.Coal—Amburgey & Madden (W. F. Amburgey and Peter Madden). Drift. (Local.)
B.Coal—W. J. Amburgey. (Local.)
B.Coal—Andrew Combs. (Local.)
B.Coal—Sam'l Combs. (Local.)
B.Coal—Wm. H. Day. (Local.)
B.Coal—Samuel Francis. (Local.)
B.Coal—G. W. Johnson. (Local.)

BURNING SPRINGS, Clay Co. Pop. 32. Ry. London, 479. Banking town Manchester.
B.Coal—E. M. Anderson. (Local.)
B.Coal—J. Gabhard & Sons. (Local.)
B.Coal—Wesley Hensley. (Local.)
B.Coal—Jos. Hubbard, Jr. (Local.)
B.Coal—Jos. Hubbard, Sr. (Local.)
B.Coal—Mrs. Emily Morgan. (Local.)
B.Coal—John Murray. (Local.)

BUSH, Laurel Co. Pop. 275. Ry. London, 479.
B.Coal—Jas. M. Brock. (Local.)
B.Coal—J. B. Jones. (Local.)
B.Coal—S. W. Osley. (Local.)
B.Coal—S. Patterson. (Local.)
B.Coal—J. C. Russell. (Local.)
B.Coal—John Vanderventer. (Local.)
B.Coal—E. C. Williams. (Local.)

BUSSEYVILLE, Lawrence Co. Banking town and Ry. Louisa, 150.
B.Coal—Andrew Moore. (Local.)
B.Coal—A. J. Thompson. Drift. (Local.)

BYRON, Clay Co. Ry. London, 479.
B.Coal—F. Benge. (Local.)
B.Coal—R. Benge. (Local.)

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CAMPTON, Wolfe Co. Pop. 317. M.O. Ry. Torrent, 468. Banking town Clay City.
B.Coal—Wm. Friar. (Local.)
B.Coal—H. S. Noble. (Local.)
B.Coal—Wm. Smith. (Local.)

CANEY, Morgan Co. Pop. 75. Ry. Torrent, 468. Banking town Mt. Sterling.
B.Coal—Jas. Benton. (Local.)
B.Coal—Jas. Carter. (Local.)
B.Coal—G. D. Castle. (Local.)
B.Coal—M. W. Ferguson. (Local.)
B.Coal—J. Frisby. (Local.)
B.Coal—John Haney. (Local.)
B.Coal—Lykins Dudley Co. (Local.)
B.Coal—Elijah Lykins. (Local.)
B.Coal—I. W. Lykins. (Local.)
B.Coal—Leborn Lykins. (Local.)
B.Coal—Wm. Lykins. (Local.)
B.Coal—Herod Patrick. (Local.)
B.Coal—John Patrick. (Local.)
B.Coal—Irwin Prater. (Local.)
B.Coal—Lucinda Prater. (Local.)
B.Coal—Sam'l Ratliff. (Local.)
B.Coal—C. Salgers. (Local.)
B.Coal—J. C. Sebastian. (Local.)
B.Coal—I. Watson. (Local.)
B.Coal—Jas. Wheeler. (Local.)

CANEYVILLE, Grayson Co. Pop. 273. M.O. Tel. Ry. 151. Banking town Leitchfield.
B.Coal—Jas. S. Carroll. (Local.)
B.Coal—Sam'l Preston. Drift. (Local.)
B.Coal—Myles A. Taylor. (Local.)
C.Coal—D. A. Williams. Open pit. (Local.)

CANNONSBURG, Boyd Co. Pop. 80. Ry. Princess, 150. Banking town Ashland.
B.Coal—John McGuire. (Local.)

CARLOW, Webster Co. P.O. Dixon. Ry. Slaughterville, 479.
B.Coal—Henry Rowland. (Local.)

CARPENTER, Whitley Co. Banking town and Ry. Williamsburg, 479.
B.Coal—B. A. Bennett. (Local.)
B.Coal—C. Hann. (Local.)
B.Coal—Richard Mays. (Local.)
B.Coal—William Mays. (Local.)
B.Coal—G. P. Rose. (Local.)
B.Coal—John Rumon. (Local.)
B.Coal—Thos. Sears. (Local.)
B.Coal—E. Wilson. (Local.)

CARROLLTON, Carroll Co. Pop. 1,720. M.O. Ry. Worthville, 479.
B.Coal—Kentucky River Coal Co.

CASEYVILLE, Union Co. Pop. 301. M.O. Ry. Dekoven, 630.
B.Coal—Wm. Cooper. (Local.)
B.Coal—Wm. Davis. (Local.)
B.Coal—I. M. Hedges. (Local.)
B.Coal—P. G. Kelsey & Co (Local.)
B.Coal—Jas. M. Lamb. (Local.)

CATCREEK, Powell Co. M.O. Ry. 461. Banking town Clay City.
B.Coal—W. J. Allen. (Local.)
B.Coal—David Cron. (Local.)
B.Coal—James McChristin. (Local.)
B.Coal—H. Willoughby. (Local.)

CATLETTSBURG, Boyd Co. Pop. 1,374. M.O. Tel. Ry. 150.
B.Coal—J. C. Hopkins. (Local.)
B.Coal—Williamson Mining & Manufacturing Co.

CENTERTOWN, Ohio Co. Pop. 103. Ry. McHenry, 151. Banking town Hartford.
B.Coal—Amsiah Carter. Drift. (Local.)
B.Coal—Perry Gray. (Local.)
B.Coal—C. Kimbley. (Local.)
B.Coal—E. Miller. (Local.)
B.Coal—L. C. Morton. Drift. (Local.)
B.Coal—B. N. Strond. (Local.)
B.Coal—J. P. Tichenor. Open pit. (Local.)
B.Coal—Thos. Williams. (Local.)

CENTRAL CITY, Muhlenberg Co. Pop. 1,144. M.O. Tel. Ry. 151; 479.
B.Coal—Jas. Bassoms. (Local.)
B.Coal—M. J. Bulger. Cap. invested $3,000. Silver Creek mine. Slope, 60 ft. 5,000 tons; 175 days; 17 employes. Steam.
B.Coal—Central Coal Co. Bannen Coleman, pres.; T. C. du Pont, v. pres.; Spaulding Coleman, secy.; Hywel Davies, gen. mgr. Cap. stk. $400,000. Central mine. Shaft. 125,000 tons. Steam.

CENTRAL CITY—Continued.
B.Coal—Central Coal & Iron Co., Louisville. Central mine. Shaft. Steam.
B.Coal—C. C. Muhlenberg & Co.
B.Coal—Richmond Coal & Iron Co.
B.Coal—Silver Creek Coal Co. (See M. J. Bulger.)
C.Coal—Frank Whitehouse. (Local.)

CHAMBERS, Hancock Co. Ry. Hawesville, 485.
B.Coal—Thos. Rice. (Local.)

CHAVIES, Perry Co. Ry. Jackson, 468. Banking town Manchester.
B.Coal—D. Aikman. (Local.)
B.Coal—May Berry. (Local.)
B.Coal—E. Davidson. (Local.)
B.Coal—Dan'l Davidson. (Local.)
B.Coal—John Davidson. (Local.)
B.Coal—Hikman & Co. Miller's Branch mine. Open pit.
B.Coal—A. Johnson. (Local.)
B.Coal—Thos. Johnson. (Local.)
B.Coal—J. L. Moon & Co. Chavies mine. Open pit.
B.Coal—Dan'l Moore. (Local.)
B.Coal—Edward L. Napier. (Local.)
B.Coal—Samuel H. Stedman. (Local.)

CLATE, Knox Co. Ry. Rockholds, 479. Banking town Barbourville.
B.Coal—James Logan. (Local.)

CLAY, Webster Co. Pop. 323. Ry. Slaughterville, 479. Banking town Morganfield.
B.Coal—A. E. Cullen. Wallace mine. Drift. Horse.
B.Coal—W. A. Galbraith. Drift. (Local.)
B.Coal—Jos. M. Nosbitt. Open pit. 4,000 tons; 7 employes.
B.Coal—Jas. Thompson. (Local.)

CLEOPATRA, McLean Co. Ry. Livia, 479. Banking town Calhoun.
B.Coal—G. G. Mitchell. (Local.)
B.Coal—C. C. Turner. (Local.)

CLOVERBOTTOM, Jackson Co. Pop. 98. Ry. Harris, 479. Banking town Richmond.
B.Coal—Jas. Robinson. (Local.)

CLOVERPORT, Breckinridge Co. Pop. 1,527. M.O. Tel. Ry. 87a; 485.
C.Coal—Breckenridge Co., Ltd., Louisville. Breckenridge mine. Drift. Horse.

COALRUN, Pike Co. M.O. Ry. Williamson, W. Va., 608.
B.Coal—Matthew Amick. (Local.)
B.Coal—Silas Elevinger. (Local.)
B.Coal—A. J. Harris. (Local.)
B.Coal—Jas. Honaker. (Local.)
B.Coal—R. T. Marrs. (Local.)
B.Coal—V. D. Ratliff. (Local.)
B.Coal—M. C. Reynolds. (Local.)
B.Coal—Thos. Reynolds. (Local.)
B.Coal—T. I. Reynolds. (Local.)
B.Coal—D. C. Steele. (Local.)
B.Coal—Wm. Steele. (Local.)
B.Coal—M. D. Stone. (Local.)
B.Coal—Jas. H. Stump. (Local.)
B.Coal—T. Wagner. (Local.)
B.Coal—W. A. Weddington. (Local.)

CONKLING, Owsley Co. Ry. Beattyville, 60. Banking town Manchester.
C.Coal—B. P. Ambrose. (Local.)
C.Coal—A. Combs. (Local.)
C.Coal—H. Cruck. (Local.)
C.Coal—J. P. Jett. (Local.)
C.Coal—S. W. Ledford. (Local.)

COOPERSVILLE, Wayne Co. Pop. 62. Banking town Somerset.
B.Coal—Lewis Fairshille. (Local.)
B.Coal—G. W. Miller. (Local.)

CORBIN, Whitley Co. M.O. Tel. Ry. 479. Banking town Williamsburg.
B.Coal—Geo. C. Steele. (Local.)

CORYDON, Henderson Co. Pop. 777. M.O. Tel. Ry. 630.
B.Coal—Corydon Coal Co. Corydon mine. Shaft. 3,200 tons.
B.Coal—H. A. Powell. (Local.)

COVINGTON, Kenton Co. Pop. 37,371. M.O. Tel. Ry. 150; 479.
Stone—Covington Stone Co.
Stone—Jas. Farrel.
Phos.—Great Southern Phosphate Co. Own 480 acres pebble phosphate lands on Peace River, De Soto Co., Fla.
Roll.M.—Licking Rolling Mill Co.
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COVINGTON—Continued.
Roll.M.—Mitchell-Tranter & Co., 2d & Elm sts., Cincinnati, Ohio. Eleven single, 3 scrap, 7 heating and 2 annealing furnaces. One plate and 1 shut mill. One 8-in., 1 20-in. bar, 1 20-in. muck and 1 10-in. train rolls. 15,000 tons; 300 days; 300 employes. Steam. Henry Green, supt.
Phos.—Southern Florida Phosphate Co.
Stone—Virginia Brown Stone Co. Brownstone.

CREECH, Harlan Co. Ry. Gilly, Va., 479.
B.Coal—A. L. Lewis. (Local.)
B.Coal—H. C. Lewis. (Local.)
B.Coal—J. E. Lewis. (Local.)
B.Coal—C. F. C. Nolen. (Local.)

CROCKETTSVILLE, Breathitt Co. Pop. 46. Ry. Jackson, 468. Banking town Clay City.
B.Coal—O. Anderson. (Local.)
B.Coal—L. Bowling. (Local.)
B.Coal—Elisha Clay. (Local.)
B.Coal—R. Combs. (Local.)
B.Coal—J. G. Deaton. Crockettsville mine. (Local.)
B.Coal—Thos. Deaton. (Local.)
B.Coal—Wm. Deaton. (Local.)
B.Coal—Gross & Co. (Local.)
B.Coal—C. Johnston. (Local.)
B.Coal—Sam'l Johnston. (Local.)
B.Coal—Levi McIntosh. (Local.)
B.Coal—J. Riley. (Local.)
B.Coal—G. Spicer. (Local.)
B.Coal—Wm. Strong. (Local.)
B.Coal—E. Turner. (Local.)
B.Coal—Barey Turney. (Local.)

CRUSETON, Daviess Co. Banking town and Ry. Owensboro, 479; 485; 643.
B.Coal—J. B. Cruse. (Local.)
B.Coal—Thos. Riddle. (Local.)
B.Coal—J. Sublett. (Local.)

CURDSVILLE, Mercer Co. P.O. Burgin. Ry. 193. Banking town West Louisburg.
B.Coal—W. Shiver & Co. (Local.)

DAISYDELL, Breathitt Co. Pop. 38. Ry. Jackson, 468. Banking town Clay City.
B.Coal—R. P. Davis. (Local.)

DALLAS, Pulaski Co. Pop. 38. Banking town and Ry. Somerset, 716.
B.Coal—Milton Rush. (Local.)

DANLEYTON, Greenup Co. Ry. Russell. 150.
B.Coal—Jas. Berry. (Local.)
B.Coal—Jas. Callihan. (Local.)
B.Coal—Jno. Callihan. (Local.)
B.Coal—John Davison. (Local.)
B.Coal—J. W. Dingess. (Local.)
B.Coal—John Douglass. (Local.)
B.Coal—Thos. Owsley. (Local.)
B.Coal—H. Payne. (Local.)
B.Coal—H. M. Rye. (Local.)
B.Coal—Mrs. P. Stanley. (Local.)

DARBY, Warren Co. Ry. Bristow, 479
B.Coal—Henry Simmons. (Local.)

DAVENPORT, Butler Co. Banking town and Ry. Morgantown, 352.
B.Coal—W. J. Benson. (Local.)
B.Coal—C. B. Brooks. (Local.)
B.Coal—F. Flowers. (Local.)
B.Coal—M. McKinney. (Local.)
B.Coal—Jas. Pendley. (Local.)
B.Coal—Thos. Viles. (Local.)

DAWSON, Hopkins Co. Pop. 525. M.O. Tel. Ry. 151. Banking town Madisonville.
C.Coal—J. P. Alexander. Drift. (Local.)
B.Coal—W. Bishop. (Local.)
B.Coal—Gentry & Williams. Drift. Horse.
B.Coal—J. S. Meadows. Drift. Horse.

DAYSBORO, Wolfe Co. Ry. Torrent, 468.
B.Coal—American Coal Co.
B.Coal—J. B. Anyx. (Local.)
B.Coal—Edward Little. (Local.)
B.Coal—H. Wilson. (Local.)

DAYTON, Campbell Co. Pop. 4,265. M.O. Tel. Ry. 150. Banking town Newport.
Stone—John Trapp. Limestone.

DEANEFIELD, Ohio Co. Pop. 500. Ry. Aetnaville, 643.
B.Coal—Guy M. Deane.
B.Coal—D. Stewart Miller, Aetnaville. Aetna colliery.

DEANEFIELD—Continued.
Shaft, 87 ft. 18,000 tons; 220 days; 50 employes. Steam.

DEBORD, Rowan Co. Ry. Morehead, 150.
B.Coal—Wm. Walker.

DELAWARE, Daviess Co. Pop. 162.
B.Coal—A. M. Allen.
B.Coal—Sam'l Hicks.
B.Coal—W. H. Johnson.

DEKOVEN, Union Co. Pop. 162. M.O. Tel. Ry. 630. Banking town Sturgis.
B.Coal—Ohio Valley Coal & Mining Co., Sturgis. Dekoven mines. Slopes. 60,000 tons. Steam.

DENTON, Carter Co. Pop. 432. Tel. Ry. 29; 150. Banking town Grayson.
B.Coal—Mary Coal Co., Mt. Sterling. Wilburn No. 1 and Mary No. 2 mines. 8,000 tons. Rolland Pritchard, supt.
B.Coal—W. Pritchard.
B.Coal—Strait Creek Coal Co., Mount Sterling. Straight Creek mine. Tunnel. 16,000 tons. Steam.

DENVER, Johnson Co. Banking town and Ry. Ashland, 29; 150.
B.Coal—W. P. Blair. (Local.)
B.Coal—Jesse Hampton. (Local.)
B.Coal—Daniel Hitchcock. (Local.)
B.Coal—C. M. Patrick. (Local.)
B.Coal—L. C. Patrick. (Local.)
B.Coal—Jos. Ramy. (Local.)
B.Coal—A. J. Rice. (Local.)
B.Coal—C. C. Rice. (Local.)
B.Coal—B. F. Spradin. (Local.)

DICKEYS MILLS, Edmonson Co. Pop. 27. Ry. Munfordville, 479. Banking town Leitchfield.
B.Coal—T. W. Carroll. (Local.)
B.Coal—G. W. Neville. (Local.)
B.Coal—Miles Potts. (Local.)

DIXON, Rowan Co. P.O. Morehead. Ry. 150.
B.Coal—Henry Boling. (Local.)
B.Coal—M. Grayson. (Local.)
B.Coal—Thos. Marks. (Local.)

DORY, Clay Co. Ry. East Bernstadt, 479. Banking town Manchester.
B.Coal—Edward Chestnut. (Local.)
B.Coal—Chas. Lunceford. (Local.)

DOTSON, Floyd Co. Banking town Prestonburg.
B.Coal—Noah Stone. 200 tons.

DRAKESBORO, Muhlenburg Co. Pop. 1,000. M.O. Ry. 479. Banking town Central City.
B.Coal—Black Diamond Coal Mining Co. James T. Pierce, M. E., pres. and buyer; H. W. Buttorff, v. pres.; Robt. T. Hopkins, secy.; C. G. Smallhouse, treas.; John D. Anderson, gen. mgr. Cap. stk. $50,000, pd. up. Black Diamond mine. Shaft, 180 ft. 50,000 tons; 250 days; 100 employes. Steam. John Wright, mine supt. Half mile of ry.
B.Coal—J. T. Pierce. (See Black Diamond Coal Mg. Co.)

EARLES, Muhlenberg Co. Pop. 89. Banking town and Ry. Greenville, 151.
B.Coal—Edward Bennett. Strawberry mine. (Local.)
B.Coal—S. B. Green. (Local.)
B.Coal—J. S. Lewis. (Local.)
B.Coal—J. M. Roark. (Local.)
B.Coal—P. Stovill. (Local.)
B.Coal—Thos. Summers. (Local.)
B.Coal—W. T. Underwood. (Local.)

EARLINGTON, Hopkins Co. Pop. 2,000. M.O. Tel. Ry. 479. Banking town Madisonville.
B.Coal—Hecla Coal Co. J. F. Foard, pres.; J. T. Alexander, secy.; Wm. Wendel, treas.; T. T. Wilson, buyer. Hecla mine. Slope, 300 ft. 200 days; 125 employes. Electricity. Operate 1 mile of ry., 1 electric locomotive, 125 cars.
B.Coal—J. L. M. Robertson & Son. Robertson mine.
B.Coal—Robinson & Sons. (Local.)
B.Coal—St. Bernard Coal Co. Jno. B. Atkinson, pres. and treas.; Geo. C. Atkinson, secy.; J. R. Rash, buyer. Cap. stk. $1,000,000, pd. up. Two mines. 500,000 tons; 1,000 employes. 104 coke ovens, 30,000 tons. Steam and compressed air. Also mines at Morton's Gap and St. Charles.

EAST BERNSTADT, Laurel Co. Pop. 1,250. M.O. Tel. Ry. 479.
B.Coal—Geo. Bailey. Whistle Hill mine. 200 tons.

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EAST BERNSTADT—Continued.
B.Coal—Laurel Coal Co. (See Pittsburg.)
B.Coal—Litton Coal Co. Cap. $5,000. Litton mine. Drift. Horse.
B.Coal—H. H. Marlow. (Local.)
B.Coal—Nickel Plate Coal Co. Cap. stk. $12,000. Nickel Plate mine. Slope. Steam.
B.Coal—Peacock Coal Co. (See Pittsburg.)
B.Coal—Pitman Coal Co. (See Pittsburg.)
B.Coal—Standard Coal Co. Standard mines. 12,000 tons.
B.Coal—Star Coal Co. J. McNeil, pres.; R. J. Morris, secy. and treas. Star mine. Horse. Geo. Harrison, mine supt.
B.Coal—Victoria Coal Co. (See Pittsburg.)

EASTPOINT, Johnson Co. Pop. 175. Ry. Richardson, 150. Banking town Prestonburg.
B.Coal—Thos. Blackburne. Drift. (Local.)
B.Coal—W. & J. Collins. (Local.)
B.Coal—W. J. Conley. (Local.)
B.Coal—Sam'l Cridder. (Local.)
B.Coal—I. Goble. (Local.)
B.Coal—W. W. Green. (Local.)
B.Coal—John S. Kellar. (Local.)
C.Coal—H. J. Ouxler. (Local.)
C.Coal—J. Richmond. (Local.)
C.Coal—W. L. Smith, Paintsville. Smith mine. Drift.
B.Coal—James Wells. (Local.)

ECHOLS, Ohio Co. Pop. 300. Ry. 151.
McHenry Coal Co., McHenry. Echols mine. 100,000 tons.

ELKFORK, Morgan Co. Pop. 26. Ry. Leon, 150. Banking town Owingsville.
B.Coal—C. C. Fyffe. (Local.)
B.Coal—E. B. Perry. (Local.)

ELKTON, Todd Co. Pop. 1,158. M.O. Tel. Ry. 479.
B.Coal—C. G. Christian. (Local.)
B.Coal—Chas. Hewey. (Local.)

EMPIRE, Christian Co. Pop. 216. Tel. Ry. 479. Banking town Hopkinsville.
B.Coal—Empire Coal Co., Empire.

EUGENE, Magoffin Co. Ry. Jackson, 468.
B.Coal—J. W. Bock & Co. (Local.)

EVARTS, Harlan Co. Ry. Hagan, W. Va., 479. Banking town Pineville.
B.Coal—W. Bailey. (Local.)
B.Coal—J. Ball, Jr. (Local.)
B.Coal—J. H. Creech. (Local.)
B.Coal—Wm. Dixon. (Local.)
B.Coal—J. G. Farley. (Local.)
B.Coal—J. W. Gilbert. (Local.)
B.Coal—W. Kelley, Jr. (Local.)
B.Coal—Woodward King, Jr. (Local.)
B.Coal—W. P. King. (Local.)
B.Coal—C. Madden. (Local.)
B.Coal—J. H. Middleton. (Local.)
B.Coal—N. J. Napier. (Local.)
B.Coal—Calvin Pace. (Local.)
B.Coal—James Short. (Local.)
B.Coal—Leonard Smith. (Local.)
B.Coal—A. Turner. (Local.)
B.Coal—James Turner. (Local.)

EVERSOLE, Owsley Co. Ry. Beattyville, 601.
B.Coal—J. W. Baker. (Local.)
B.Coal—A. J. Combs. (Local.)
B.Coal—Tarlton Combs. (Local.)
B.Coal—John Eversole. (Local.)
B.Coal—L. Gibson. (Local.)
B.Coal—Elias Moore. (Local.)
B.Coal—L. Reynolds. (Local.)
B.Coal—J. C. Rose. (Local.)
B.Coal—Lee Rose. (Local.)
B.Coal—Robt. Rose. (Local.)
B.Coal—Z. Taylor. (Local.)
B.Coal—Samuel Wilson. (Local.)

EZEL, Morgan Co. Pop. 124. M.O. Ry. Rothwell, 150. Banking town Mt. Sterling.
B.Coal—T. A. Barker. (Local.)
B.Coal—Howard Bartley. (Local.)
C.Coal—William Hensley. (Local.)
B.Coal—M. Monsey. (Local.)
B.Coal—A. T. & A. B. Pieratt. (Local.)
B.Coal—J. F. Pieratt. (Local.)
B.Coal—W. Pieratt. (Local.)
B.Coal—Frank Sample. Drift. (Local.)

FALCON, Magoffin Co. Ry. Jackson, 468. Banking town Prestonburg.
B.Coal—J. F. Bailey. (Local.)
B.Coal—L. F. Candill. (Local.)

FALCON—Continued.
B.Coal—I. Cheek. (Local.)
B.Coal—Mrs. N. J. Collins. (Local.)
B.Coal—H. C. May. (Local.)
B.Coal—R. M. Prater. (Local.)

FIELDEN, Elliott Co. Pop. 44. Ry. Willard, 273. Banking town Grayson.
B.Coal—H. H. Evans. (Local.)
B.Coal—R. N. Green. (Local.)
B.Coal—D. J. Griffith. (Local.)
B.Coal—T. B. Hutchinson. (Local.)
B.Coal—E. Keator. (Local.)
B.Coal—Henry Sparks. (Local.)
B.Coal—I. N. Sparks. (Local.)
B.Coal—E. Wells. (Local.)
B.Coal—Jos. Wells. (Local.)

FINCASTLE, Lee Co. Ry. 468. Banking town Clay City.
B.Coal—J. G. Spencer. (Local.)

FIRECLAY, Carter Co. Ry. name Grahn, 150. Banking town Ashland.
B.Coal—G. W. Bibb. (Local.)

FLAT GAP, Johnson Co. Pop. 93. Ry. Webbville, 273. Banking town Louisa.
B.Coal—Daniel Jayne. (Local.)
B.Coal—Daniel Wheeler. (Local.)

FLATROCK, Pulaski Co. Pop. 125. M.O. Tel. Ry. 193. Banking town Somerset.
C.Coal—Barren Fork Mining & Coal Co., Lexington. Barren Fork mine. Drift. 70,000 tons. J. H. Holland, mine supt.
B.Coal—Cogar Creek Mining & Coal Co. W. L. Munson, pres.; W. G. McKnight, secy. and treas.; C. H. Boyer, gen. mgr. Cogar Creek mine. Drift. 9,000 tons. S. C. Boyer, mine supt.
B.Coal—Eagle Coal Co. D. D. Bennett, pres.; J. A. Todd, secy.; J. T. Jueger, treas.; J. T. Slade, gen. mgr. and buyer. Cap. invested, $180,000. Drift. 40,000 tons; 200 days; 125 employes. Steam. Operate 1 mile ry.; 1 locomotive.

FLEMINGSBURG, Fleming Co. Pop. 1,772. M.O. Tel. Ry. 220.
B.Coal—Citizens' Coal Co.

FORDSVILLE, Ohio Co. Pop. 281. M.O. Tel. Ry. 485; 643.
B.Coal—Gaines Coal Co. W. O. Read, secy. Cap. $4,000. Gaines mine. 2,000 tons. Horse.
B.Coal—Gaines & Read. (See Gaines Coal Co.)
B.Coal—G. C. Gentry. Shaft, 75 ft. 400 tons; 200 days; 6 employes. (Local.)
B.Coal—John Johnson. (Local.)

FRANKFORT, Franklin Co. Pop. 7,892. M.O. Tel. Ry. 425; 479.
B.Coal—Frankfort Elevator Coal Co.

FREESTONE, Rowan Co. Ry. 150. Banking town Mt. Sterling.
Stone—Chattanooga Marble & Stone Co.
Stone—Cushman Stone Co. H. F. Martin, pres.; Th. J. de Sabla, v. pres.; Geo. H. Cushman, secy., treas., gen. mgr. and buyer. Cap. stk. $3,000, pd. up. Superior quarry. Freestone. 4,000 yards; 160 days; 25 employes. Stone mill. 150 ft. daily capacity. Steam.
Stone—Kentucky Blue Stone Co. Geo. M. Pierce, pres.; F. S. Martin, secy. and treas.; John F. Knapp, gen. mgr. Cap. invested, $35,000. Freestone. Quarry at Morehead.

FRENCHBURG, Menifee Co. Pop. 222. Ry. Rothwell, 150. Banking town Mt. Sterling.
B.Coal—J. J. & W. T. Dennis. Indian Creek mine. Drift. (Local.)

GALEN, Johnson Co. Banking town and Ry. Ashland, 29; 150.
C.Coal—E. Brown. (Local.)
C.Coal—H. Brown. (Local.)
C.Coal—John Brown. (Local.)
C.Coal—Jefferson Burchett. (Local.)
C.Coal—H. Candill. (Local.)
C.Coal—J. M. Green. (Local.)
C.Coal—E. Herrell. (Local.)
C.Coal—B. L. Jones. (Local.)
C.Coal—G. H. Kimbler. (Local.)
C.Coal—H. B. Littrell. (Local.)
C.Coal—P. Picklesimer. (Local.)
C.Coal—G. W. Rice. (Local.)
C.Coal—J. H. Stambaugh. (Local.)
C.Coal—Sam'l Taylor. (Local.)
C.Coal—Taylor Webb. (Local.)
C.Coal—P. C. Williams. (Local.)

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GARFIELD, Breckinridge Co. Pop. 63. Ry. 485. Banking town Hardinsburg.
Asp.—Breckenridge Asphalt Co., Norton bldg., Louisville. Bituminous sandstone.

GATEWOOD, Daviess Co. Ry. Thurston, 485. Banking town Owingsboro.
B.Coal—C. McDaniel. (Local.)

GAYS CREEK, Perry Co. Ry. Jackson, 468.
B.Coal—J. S. Beggs. (Local.)
B.Coal—Peter Gross & Co. (Local.)
B.Coal—John M. York. (Local.)

GILLMORE, Wolfe Co. Ry. Jackson, 468.
B.Coal—John Gibbs. (Local.)
B.Coal—O. Fuller. (Local.)
B.Coal—J. L. Wilson. (Local.)

GIMLET, Elliott Co. Ry. Olive Hill, 150. Banking town Grayson.
B.Coal—Wm. Bivion. (Local.)
B.Coal—John Harper. (Local.)
B.Coal—J. B. Kelley. (Local.)
B.Coal—Jas. McFarland. (Local.)
B.Coal—Fred Mawk. (Local.)
B.Coal—H. J. Mawk. (Local.)
B.Coal—Julia Sparks. (Local.)

GISHTON, Muhlenberg Co. Banking town and Ry. Greenville, 151.
B.Coal—J. Huddleson. (Local.)

GOODLOE, Floyd Co. Ry. 68.
B.Coal—Adam Cobern. (Local.)
B.Coal—D. Conley. (Local.)
B.Coal—G. A. Dingus. (Local.)
B.Coal—Wm. Dingus. (Local.)
B.Coal—Ben Hale. (Local.)
B.Coal—Jackson Hale. (Local.)
B.Coal—B. B. Porter. (Local.)
B.Coal—Sam'l Prater. (Local.)
B.Coal—Byron Sheppard. (Local.)
B.Coal—Jacob Sheppard. (Local.)
B.Coal—Allen Stone. (Local.)
B.Coal—Morgan Stone. (Local.)

GRAND RIVERS, Livingston Co. M.O. Tel. Ry. 151. Banking town Princeton.
B.Coal—Grand Rivers Mining Co.

GRANT, Carter Co. P.O. Denton. Ry. 29; 150.
B.Coal—Ashland Coal & Iron Ry. Co., Ashland. Grant mine. 280 days; 60 employes.

GRASSY CREEK, Morgan Co. Ry. Torrent, 468. Banking town Mt. Sterling.
B.Coal—Byrd Boon. (Local.)
B.Coal—Jas. Cecil. (Local.)
B.Coal—H. Greer. (Local.)
B.Coal—James Greer. (Local.)
B.Coal—Sam'l Haven. (Local.)
B.Coal—Frank Payton. (Local.)

GRAY, Knox Co. M.O. Tel. Ry. 479. Banking town Barboursville.
B.Coal—B. F. Gray. (Local.)
B.Coal—North Jellico Coal Co. North Jellico mine. Tunnel. 250,000 tons. Breaker, Steam. C. S. Nield, supt.

GRAYSON, Carter Co. Pop. 433. M.O. Tel. Ry. 273.
B.Coal—Hord Bros. Drift. (Local.)
B.C.Coal—Kentucky Cannel Co., Riverton. Stinson mine. Bituminous and cannel coal. Tunnel, 1,300 ft. 22,000 tons; 280 days; 65 employes. I. P. Shelby, Jr., M. E., mine supt.
B.Coal—R. C. Lewis & Bros. (Local.)
B.Coal—Little Sandy Coal & Sand Co.
B.Coal—Jas. Ossenton. Ossenton mine. Drift. Horse.
B.Coal—Frank Powers. Drift. (Local.)
Stone—Standard Limestone Co. Limestone.

GREENMOUNT, Laurel Co. Ry. East Bernstadt, 479. Banking town London.
B.Coal—Henry Moberley. (Local.)

GREENVILLE, Muhlenberg Co. Pop. 968. M.O. Tel. Ry. 151.
B.Coal—Bradley Bros. (Local.)
B.Coal—W. H. Gibbs. (Local.)
Attys.—Jonson & Wickliffe (Jep. C. Jonson and W. A. Wickliffe), attorneys at law. Commercial, corporation and mining law. Compilers of Kentucky laws for the RECORD.
B.Coal—N. M. Mann. Drift. (Local.)
B.Coal—J. T. Reynolds. (Local.)

GREENWOOD, Pulaski Co. Tel. Ry. 193. Banking town Somerset.
B.Coal—Bowman Ridge Coal Co.
B.Coal—Enterprise Coal Co.
B.Coal—Greenwood Coal Co.
B.Coal—Greenwood Railway & Coal Co., Cincinnati, O. Greenwood and Beaver mines. Drift.

GREGORY, Wayne Co. Banking town and Ry. Somerset, 193.
B.Coal—Jeremiah Massey.

GRUNDY, Pulaski Co. Banking town and Ry. Somerset, 193.
B.Coal—John Toby. (Local.)

GYPSY, Magoffin Co. Banking town and Ry. Prestonburg, 68.
B.Coal—S. Allen. (Local.)
B.Coal—S. C. Allen. (Local.)
B.Coal—Wm. Allen. (Local.)
B.Coal—D. Brown. (Local.)
B.Coal—I. Carpenter. (Local.)
B.Coal—Geo. Green. (Local.)
B.Coal—Geo. Howard. (Local.)
B.Coal—John E. Howard. (Local.)
B.Coal—Joseph Johnson. (Local.)
B.Coal—James Owens. (Local.)
B.Coal—Logan Salyer.
B.Coal—J. E. Sheppard. (Local.)
B.Coal—Wm. Sheppard.
B.Coal—Enoch Stone.
B.Coal—E. H. Whittaker. (Local.)
B.Coal—Abraham Wiseman. (Local.)
B.Coal—F. Wiseman. (Local.)
B.Coal—M. Wiseman. (Local.)
B.Coal—W. Wiseman. (Local.)

HABIT, Daviess Co. Banking town and Ry. Owensboro, 485; 479; 643.
B.Coal—P. E. Howard. Drift. (Local.)

HADLEY, Warren Co. Pop. 24. Banking town and Ry. Bowling Green, 479.
Stone—Caden Stone Co., 411-425 E. Ohio st., Evansville, Ind. Green River limestone quarries. Oolitic limestone. 80,000 cords; 200 days; 40 employes. Steam. Stone mill. One barge.

HAGER, Magoffin Co. Ry. Jackson, 468.
C.Coal—A. J. Parton. (Local.)
C.Coal—Reed & Stacy. (Local.)
C.Coal—J. B. Simmer. (Local.)

HALSEY, Whitley Co. Pop. 400. Ry. 404.
B.C.Coal—Kentucky Bird Eye Coal Co. Geo. Zoeller, pres.; J. P. Leach, v. pres.; J. M. Tower, secy. and treas.; E. B. Taylor, M. E., supt. and buyer. Cap. stk. $20,000, $18,000 pd. up. Tunnel, 600 ft. 12,000 tons; 200 days; 40 employes. Gravity incline.

HAMBY STATION, Hopkins Co. Ry. name Hambys, 151. Banking town Madisonville.
B.Coal—Carbondale Coal & Coke Co. E. G. Horn, New York, pres.; S. A. Bright, secy.; Edward Garrett, treas.; Geo. B. Dovey, gen. mgr.

HANSON, Hopkins Co. Pop. 376. Ry. 479. Banking town Madisonville.
B.Coal—J. Abby. (Local.)
B.Coal—Azro Combs. (Local.)
B.Coal—Amos Hook. Jones mine. Slope.
B.Coal—J. H. Masoncup & Co. (Local.)

HAPPY HOLLOW, Pulaski Co. P.O. and Ry. Alpine, 193.
B.Coal—Happy Hollow Coal Co.

HARLAN, Harlan Co. Pop. 361. M.O. Ry. Hagan, W. Va., 479. Banking town Pineville.
B.Coal—Kelly Harris. (Local.)
B.Coal—Green Jones. (Local.)
B.Coal—J. D. Pennington. (Local.)

HAWESVILLE, Hancock Co. Pop. 1,013. M.O. Tel. Ry. 485.
B.Coal—Hawesville Coal Co. M. B. Chambers, pres.; D. L. Adair, secy.; John S. Adair, supt. Cap. stk. $25,000. Falcon mine. Slope.
B.Coal—P. Kelly. Slope. Horse. (Local.)
B.Coal—D. Lawson & Co. (Local.)

HAYNESVILLE, Ohio Co. Pop. 130. Ry. Reynolds, 151. Banking town Fordsville.
B.Coal—S. Lanham. (Local.)

HAYSTACK, Powell Co. Ry. Slade, 468.
B.Coal—J. N. Dale. (Local.)
B.Coal—J. Swapsber. (Local.)

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HAZARD, Perry Co. Pop. 76. M.O. Ry. Jackson, 468. Banking town Manchester.
B.Coal—John C. Spencer, Chavies. Grapevine mine. Drift.

HAZELGREEN, Wolfe Co. Pop. 218. M.O. Ry. Torrent, 468. Banking town Clay City.
B.Coal—J. H. Anyx. (Local.)
B.Coal—J. Brewer. (Local.)
B.Coal—Wm. Brewer. (Local.)
B.Coal—L. C. Caskey. (Local.)
B.Coal—W. T. Caskey. (Local.)
B.Coal—S. W. Cecil. Drift. (Local.)
B.Coal—J. T. Day. (Local.)
B.Coal—John Duncil. (Local.)
B.Coal—Ely & Son. Open pit. (Local.)
B.Coal—D. S. Godsey. (Local.)
B.Coal—John Hampton. (Local.)
B.Coal—Fletcher McGuire. (Local.)
B.Coal—John McQuinn. (Local.)
B.Coal—Amos Nickell. (Local.)
B.Coal—J. Phillips. (Local.)
B.Coal—Jeremiah Profitt. Drift. (Local.)
B.Coal—David B. Rose. (Local.)
B.Coal—Jeff Rose. (Local.)
B.Coal—John Rose, Sr. (Local.)
B.Coal—Jas. Stamper. (Local.)
B.Coal—G. B. Swango. Drift. (Local.)
B.Coal—E. Taulbee. (Local.)
B.Coal—S. M. Tyler. (Local.)

HEBBARDSVILLE, Henderson Co. Pop. 225. Ry. Bluff City, 352.
B.Coal—Jas. W. McCarty. (Local.)
B.Coal—Geo. Negley. (Local.)
B.Coal—Jas. Tillotson. (Local.)

HELTON, Leslie Co. Ry. Pineville, 479. Banking town Clay City.
B.Coal—P. Baker. (Local.)
B.Coal—J. G. Caldwell. (Local.)
B.Coal—R. J. Lewis. (Local.)
C.Coal—T. Pennington. (Local.)
C.Coal—B. Salyer. (Local.)
C.Coal—Calvin Salyer. (Local.)
C.Coal—Jonathan Salyer. (Local.)
C.Coal—James Slusher. (Local.)
C.Coal—Alexander Thelton. (Local.)
C.Coal—Jas. G. Thelton. (Local.)
C.Coal—J. J. Thelton. (Local.)
C.Coal—Peter Wilson. Beech mine. Open pit. Breaker.

HENDERSON, Henderson Co. Pop. 8,840. M.O. Tel. Ry. 479; 485; 630.
B.Coal—Henderson Mining & Manufacturing Co. C. W. Wilson, pres.; A. B. Sights, secy. and treas. Henderson mine. Shaft. 14,000 tons.
B.Coal—Jorris-Bartley Mining Co. People's mine.
B.Coal—P. G. McNamara. (Local.)
B.Coal—J. A. Rowlett. (Local.)

HENDRICKS, Magoffin Co. Ry. Jackson, 468. Banking town Prestonburg.
B.Coal—H. P. Arnett. Hendricks mine. Drift.
B.Coal—J. W. Back. (Local.)
B.Coal—J. M. Patrick. (Local.)
B.Coal—Wm. Risner. (Local.)

HIGHKNOB, Clay Co. Ry. London, 479. Banking town Manchester.
B.Coal—Calabom Reed. (Local.)
B.Coal—Wm. Reed. (Local.)

HINDMAN, Knott Co. Pop. 350. M.O. Ry. Jackson, 468. Banking town Prestonburg.
B.Coal—W. W. Baker. (Local.)
B.Coal—E. Blair. (Local.)
B.Coal—S. Boggs. (Local.)
B.Coal—B. Calhoun. (Local.)
B.Coal—G. P. Combs. (Local.)
B.Coal—P. M. Duke. (Local.)
B.Coal—Green Dyre. (Local.)
B.Coal—J. Everage. (Local.)
B.Coal—Wm. Gayheart. (Local.)
B.Coal—Samuel Madden. Open pit. (Local.)
B.Coal—Hiram Miller. (Local.)
B.Coal—L. Risner. (Local.)
B.Coal—A. Singleton. (Local.)
B.Coal—John Stacey. (Local.)
B.Coal—F. H. Tinger. (Local.)

HORSEBRANCH, Ohio Co. Pop. 75. Tel. Ry. 151; 643. Banking town Hartford.
B.Coal—J. A. Arnold. (Local.)
B.Coal—Robert A. Miller. Drift. (Local.)
B.Coal—W. P. Miller. 400 acres, 36 inch vein. (Not operating.)

HUFF, Edmonson Co. Banking town and Ry. Leitchfield, 151.
B.Coal—Sam'l Miller. (Local.)

HUNTSVILLE, Butler Co. Pop. 90. Ry. 352. Banking town Morgantown.
B.Coal—D. Hunt. Muddy River mine. Slope.

HYDEN, Leslie Co. Pop. 80. M.O. Ry. London, 479. Banking town Manchester.
B.Coal—John Asher. Asher mine. Open pit. (Local.)
B.Coal—Henry Lewis. (Local.)
B.Coal—J. P. Lewis. (Local.)
B.Coal—J. Maggard. (Local.)
B.Coal—John Mundy. (Local.)
B.Coal—Felix Rochester. (Local.)

ILSLEY, Hopkins Co. Ry. 151.
B.Coal—Crabtree Coal Mining Co. A. Howell, Clarksville, Tenn., pres.; R. M. Salmon, secy. and treas. Crabtree mine.

INDIAN BOTTOM, Letcher Co. Ry. Gilly, Va., 479. Banking town Barboursville.
B.Coal—Jas. S. Back. (Local.)
B.Coal—Lewis Back. (Local.)
B.Coal—Wm. Back. (Local.)
B.Coal—A. J. Crase. (Local.)
B.Coal—W. V. Dixon. (Local.)
B.Coal—Moses Iron. (Local.)
B.Coal—J. M. Whittaker. (Local.)

INEZ, Martin Co. Pop. 108. M.O. Ry. Peach Orchard, 150. Banking town Louisa.
B.Coal—Castle Bros. (Local.)
B.Coal—G. W. Comer. Kirk mine. Open pit. (Local.)
B.Coal—J. Copley. (Local.)
B.Coal—John Dingus. (Local.)
B.Coal—J. M. Ward. (Local.)

IRVINGTON, Breckinridge Co. M.O. Tel. Ry. 485. Banking town Hardinsburg.
Stone—Morris-Bennett Stone Co. Limestone. Mill.

ISLAND, McLean Co. Pop. 84. Ry. 479. Banking town Calhoun.
B.Coal—Sidney Gardner. Drake mine. Open pit. (Local.)
B.Coal—E. M. Hackett Coal Co. (Local.)
B.Coal—Island Coal Co. Island mine. Shaft. 10,000 tons.
B.Coal—Alva Karnes. Karnes mine. Drift and open pit. 2,000 tons. Horse.
B.Coal—R. M. Karnes. (Local.)
B.Coal—McKinney & Stanley. (Local.)
B.Coal—S. R. Searcy. (Local.)
B.Coal—Stanley & Rognette. (Local.)
B.Coal—George Wood. Drift. (Local.)
B.Coal—James Wood. Open pit. (Local.)

ISLAND CITY, Owsley Co. Pop. 27.
Coal—John Brenmer. (Local.)
B.Coal—T. H. Kidd. (Local.)
B.Coal—D. McCallum. (Local.)
B.Coal—Wm. Morris. (Local.)
B.Coal—Riley Sheppard. (Local.)
B.Coal—E. V. Taylor. (Local.)

ISONVILLE, Elliott Co. Ry. Leon, 150. Banking town Louisa.
B.Coal—Andrew Fannin. (Local.)
B.Coal—C. Fraley. (Local.)
B.Coal—Jas. Gibson. (Local.)
B.Coal—J. K. Gillum. (Local.)
B.Coal—J. M. Ison. (Local.)
B.Coal—Harry Lester.
B.Coal—C. Y. Oliver.
B.Coal—Jas. Peters.

JACKSON, Breathitt Co. Pop. 389. M.O. Tel. Ry. 468. Banking town Clay City.
B.Coal—Kentucky Union Land Co. El Katawa mine. Drift.

JELLICO, Whitley Co. Ry. Jellico, Tenn., 404; 479; 838.
B.Coal—Jellico & Bird Eye Coal Co.

JEREMIAH, Letcher Co. Ry. Gilly, Va., 479. Banking town Manchester.
B.Coal—J. Adams. (Local.)
B.Coal—F. Back. (Local.)
B.Coal—Jas. Back. (Local.)
B.Coal—Hiram Blair. (Local.)
B.Coal—David Candill. (Local.)
B.Coal—H. M. Candill. (Local.)
B.Coal—J. Candill. (Local.)
B.Coal—P. Candill. (Local.)
B.Coal—Benjamin Dack. (Local.)
B.Coal—James D. Dixon. (Local.)

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JOE, Pike Co. Banking town and Ry. Pikeville, 70a.
B.Coal—J. M. Scott. (Local.)

JONESBURG, Harlan Co. Ry. Hagan, Va., 479. Banking town Pineville.
B.Coal—A. Hensley. (Local.)
B.Coal—C. C. Howard. (Local.)
B.Coal—John L. Jones. (Local.)
B.Coal—James Metcalfe. (Local.)
B.Coal—John E Smith. (Local.)

JUNO, Pulaski Co. Ry. Somerset, 716.
B.Coal—L. R. Colyer. (Local.)

KENSEE, Whitley Co. M.O. Ry. 479. Banking town Williamsburg.
B.Coal—Hywel Davies Coal Co. Bannen Coleman, pres.; R. H. Galey, secy.; Hywel Davies, gen. mgr. Kensee mines. Tunnel. 400,000 tons. Wm. Jones, mine supt.
B.Coal—Main Jellico Mtn. Coal Co. Drift.

KILGORE, Carter Co. P.O. Rush. Tel. Ry. 29; 150. Banking town Grayson.
B.Coal—Norton Iron Works.
B.Coal—Star Furnace Coal Co. J. M. Logan, pres. and treas.; C. W. Logan, secy. and gen. mgr. Star Furnace mine. 5,000 tons. Breaker. Horse.

KINGS CREEK, Letcher Co. Ry. Gilly, Va., 479. Banking town Big Stone Gap, Va.
B.Coal—Henry Ackman. (Local.)
B.Coal—H. F. Day. (Local.)
B.Coal—D. D. Fields. (Local.)

KINGSTON, Madison Co. Pop. 150. Ry. Harris, 479. Banking town Richmond.
B.Coal—R. Jones. (Local.)
B.Coal—Mrs. K. J. Moran. Bighill mine. Open pit.

KNOTTSVILLE, Daviess Co. Pop. 215. Ry. Thruston, 485. Banking town Owensboro.
A.Coal—C. E. Coomes. Hobbs mine. Drift. (Local.)
A.Coal—C. N. Higdon. (Local.)
A.Coal—B. L. Long. (Local.)
A.Coal—John McDaniel. (Local.)
A.Coal—Preston Montgomery. (Local.)
A.Coal—Milton Roberts. Roberts mine. Open pit.
A.Coal—Abb. Shelton. (Local.)

KNUCKLES, Bell Co. Ry. Pineville, 479.
B.Coal—Avil Belcher. (Local.)
B.Coal—James Farmer. (Local.)
B.Coal—W. C. Jones. (Local.)
B.C.Coal—Knuckles, Farmer & Co. W. R. Knuckles, pres.; James Farmer, v. pres.; J. B. Knuckles, treas. and gen. mgr. Cap. stk. $20,000, $15,000 pd. up. Red Bird mine. Bituminous and cannel. Open pit. 200 days; 12 employes. Breaker. Two miles Ry.
B.Coal—Hiram Neal. (Local.)
B.Coal—John Slusher. (Local.)
B.Coal—Joshua Slusher. (Local.)
B.Coal—P. Slusher. (Local.)
B.Coal—R. Slusher. (Local.)
B.Coal—Joseph Taylor. (Local.)

LACKEY, Floyd Co. Banking town and Ry. Prestonburg, 60a.
B.Coal—Chas. Baldridge. (Local.)
B.Coal—I. Collins. (Local.)
B.Coal—N. Estep. (Local.)
B.Coal—R. Gearheart. (Local.)
B.Coal—R. Hayes. (Local.)
B.Coal—A. Martin. (Local.)
B.Coal—Joseph Martin. (Local.)
B.Coal—John B. Martin. (Local.)
B.Coal—W. J. Martin. (Local.)
B.Coal—John Turner. (Local.)
B.Coal—Jesse Wicker. (Local.)

LANGFORD, Rockcastle Co. Ry. 479. Banking town Stanford.
Stone—Crudup Stone Co. D. G. Crudup, pres. and gen. mgr.; Fay Crudup, secy. and buyer. Free stone quarry. 700 cars; 140 days; 30 employes. Horse.
Stone—M. N. Langford. Bluestone. Steam.
Stone—John Mueller.

LANGNAN, Laurel Co. Banking town and Ry. London, 479.
B.Coal—Wm. Reams. (Local.)

LASO, Whitley Co.. P.O., Banking town and Ry. Williamsburg, 479.
B.Coal—J. S. Gatliff. (Local.)
B.Coal—G. W. Hamblin. Drift. Open pit. (Local.)
B.Coal—Lee Leforce. (Local.)

LAURELCREEK, Clay Co. Pop. 130. Ry. London, 479. Banking town Manchester.
A.Coal—A. C. Allen. (Local.)
A.Coal—Jas. Barrett. (Local.)
A.Coal—J. D. Coldiron. (Local.)
A.Coal—A. Hensley. (Local.)
A.Coal—J. L. Hornsby & Son. Laurel Creek mine. Open pit. Steam.
A.Coal—J. P. Moore. (Local.)
A.Coal—L. Morgan. (Local.)

LAYNESVILLE, Floyd Co. Pop. 49. M.O. Ry. Richardson, 150. Banking town Prestonburg.
B.Coal—Artey Akers. (Local.)
B.Coal—J. D. Bush & Co. Drift.
B.Coal—H. W. Cecil. (Local.)
B.Coal—J. G. Cecil. (Local.)
B.Coal—Morgan Clark. (Local.)
B.Coal—Robt. Clark. (Local.)
B.Coal—A. L. Davidson. (Local.)
B.Coal—S. P. Davidson. (Local.)
B.Coal—Dr. S. M. Ferguson. (Local.)
B.Coal—W. E. Greer. (Local.)
B.Coal—Sam'l Hill. (Local.)
B.Coal—J. C. Hornell. (Local.)
B.Coal—B. Layne. (Local.)
B.Coal—Cres. Layne. (Local.
B.Coal—J. L. Layne. (Local.)
B.Coal—J. N. Layne. (Local.)
B.Coal—T. M. Layne. (Local.)
B.Coal—W. H. Layne. (Local.)
B.Coal—S. G. Loar. (Local.)
B.Coal—Jas. H. Powell. (Local.)
B.Coal—R. P. Robinson, Jr. (Local.)
B.Coal—J. J. Stratton. (Local.)
B.Coal—W. Stratton. (Local.)

LEONARD, Harland Co. Ry. Hagan, Va., 479. Banking town Pineville.
B.Coal—E. C. Blair. (Local.)
B.Coal—Francis Clark. (Local.)
B.Coal—Jas. Clark. (Local.)
B.Coal—J. Holmes. (Local.)
B.Coal—Hiram Huff. (Local.)
B.Coal—M. Huff. (Local.)
B.Coal—Wm. Huff. (Local.)
B.Coal—J. P. Kelley. (Local.)
B.Coal—Jas. McKnight. (Local.)
B.Coal—B. F. Mosby. (Local.)
B.Coal—Henry Schaggs. (Local.)
B.Coal—Chas. Short. (Local.)
B.Coal—Hampton Short. (Local.)
B.Coal—J. Stemp. (Local.)

LEWISPORT, Hancock Co. Pop. 435. M.O. Tel. Ry. 485.
B.Coal—J. Beauchamp. (Local.)
B.Coal—J. L. Greathouse. (Local.)
B.Coal—Wm. T. King. Pate mine. Slope. Horse.
B.Coal—F. D. Lewis. (Local.)
B.Coal—J. C. Pell. (Local.)
B.Coal—Thos. Priest. (Local.)
B.Coal—Wm. Richardson. (Local.)

LEXINGTON, Fayette Co. Pop. 21,567. M.O. Tel. Ry. 150; 193; 468; 479; 838.
C.Coal—Barren Fork Mining and Coal Co. J. T. Slade, pres. and mgr.; W. L. Threlkeld, v. pres.; Chas. Edge, secy.; N. F. Warren, treas. Cap. stk. $130,000. Mine at Flat Rock.
C.Coal—B. R. Hutchcraft.
C.Coal—Lexington & Carter County Mining Co. R. H. Courtney, pres. and treas.; E. D. Sayre, v. pres.; J. T. Vance, secy.; P. B. Gilderoy, M. E., gen. mgr. Cap. stk. $300,000. Mines at Ashland.
C.Coal—Little Fork Coal & Land Co.

LICKBURG, Magoffin Co. Ry. Jackson, 468. Banking town Prestonburg.
B.Coal—J. D. Bags. (Local.)
B.Coal—A. P. Cooper. (Local.)
B.Coal—H. George. (Local.)
B.Coal—Nickels Greene. (Local.)
B.Coal—W. R. Howard. (Local.)
B.Coal—Jas. May. (Local.)
B.Coal—A. Risner. (Local.)

LILY, Laurel Co. Pop. 250. M.O. Ry. 479. Banking town London.
A.Coal—Lily Coal Co. J. A. Craft, prop. Thos. J. Tapp, gen. mgr. Lily mine. Tunnel. 20,000 tons. Steam, horse. Washer.
B.Coal—Lily Mining & Manufacturing Co.

LIMECREEK, Pulaski Co. Pop. 100. Banking town and Ry. Somerset, 716.
A.Coal—W. & R. Cooper. (Local.)
A.Coal—John F. Dyer. (Local.)
A.Coal—John M. Mayfield. Lace's Fork mine. Drift. (Local.)

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LITTLE SANDY, Elliott Co. Ry. Leon, 150. Banking town Ashland.
B.Coal—J. B. Atkins. (Local.)

LIVERMORE, McLean Co. Pop. 622. M.O. Tel. Ry. 479. Banking town Calhoun.
B.Coal—W. E. Batsell. Batsell mine. Open pit. Horse.
B.Coal—Wm. Herron. Hick's mine. Open pit. (Local.)
B.Coal—B. C. Whittaker. (Local.)

LIVIA, McLean Co. Pop. 28. Ry. 479. Banking town Calhoun.
B.Coal—Wm. Jones. (Local.)
B.Coal—N. F. Nicely. (Local.)

LOCK, Bell Co. Banking town and Ry. Pineville, 479.
B.Coal—John Blanton. (Local.)
B.Coal—T. M. Lock. (Local.)
B.Coal—Heirs of W. M. Wilson. (Local.)

LOGANSPORT, Butler Co. Pop. 57. Banking town and Ry. Morgantown, 252.
B.Coal—F. McKinney. (Local.)

LONDON, Laurel Co. Pop. 1,000. M.O. Tel. Ry. 479.
B.Coal—Dan'l Asher. (Local.)
B.Coal—J. Chestnut. (Local.)
B.Coal—L. Chestnut. (Local.)
B.Coal—S. Chestnut. (Local.)

LOOKOUT, Pike Co. P.O. Ash Camp. Banking town Pikeville.
B.Coal—Wm. Rowe. (Local.)

LOT, Whitley Co. Pop. 178. Banking town and Ry. Jellico, Tenn., 404; 479; 838.
B.Coal—G. P. Lawson. (Local.)
B.Coal—James Lawson. (Local.)
B.Coal—E. B. Rose. (Local.)
B.Coal—F. M. Siler. (Local.)
B.Coal—L. F. Siler. (Local.)
B.Coal—Milton Siler. (Local.)
B.Coal—Perry Siler. (Local.)
B.Coal—Dan'l Petrey. (Local.)
B.Coal—H. C. Tye. (Local.)

LOUISA, Lawrence Co. Pop. 834. M.O. Tel. Ry. 150.
B.Coal—Torchlight Coal Co.
C.Coal—Whitehouse Cannel Coal Co. Dr. H. A. Wood, pres.; F. T. D. Wallace, secy.; Col. J. H. Northup, treas. and gen. mgr. Mine at Myrtle.

LOUISVILLE, Jefferson Co. Pop. 163,000. M.O. Tel. Ry. 151; 203; 424a; 479; 482; 485; 686; 838.
B.Rock—American Bituminous Rock Co.
Stone—Bowling Green Stone Co., 711 Columbia bldg. Attilla Cox, pres.; J. M. Cobb, gen. mgr.
B.C.Coal—Breckenridge & Pineville Syndicate, Ltd. Wm. Hopper, agent and gen. mgr. Bituminous and cannel coal. Mine at Pineville.
Stone—M. Busch.
B.Coal—Byrne & Speed. 415 W. Jefferson st.
Stone—Caron Stone Co., 311 W. Jefferson st. C. K. Caron, gen. mgr. Marble workers' hone stone. 27,000 lbs. Quarries in Hardin county.
Stone—J. W. Cassidy.
C.I.—Central Coal & I. Co., 410 W. Main st. Bannen Coleman, pres.; R. R. Hathaway, v. pres.; Spaulding Coleman, secy.; W. H. Beynroth, auditor.
Gold—Colorado & Kentucky Mining & Smelting Co., Merchants' Nat. Bk.
Stone—Dark Hollow Quarry Co. Quarry at Bedford, Ind.
Stone—John Diebold & Son, 1417 16th st.
Stone—Gleason & Saffran.
Gold—Golden Chest Mining Co. (not incorporated). John Coumerill, lessee. Mine at Murray, Idaho.
B.Coal—Jellico Mountain Coal & Coke Co. Mine at Jellico.
L.Z.—Louisville Lead & Zinc Co., 140 Second st.
B.Coal—McHenry Coal Co., 427 W. Jefferson st. W. G. Duncan, pres.; H. McHenry Eskridge, secy. Mine at McHenry.
C.Coal—Graham Macfarlane, 508 Columbia Bldg. Mine at Wells Branch, W. Va.
B.Coal—Macfarlane & Mordul.
Stone—Fred Muhs. Payne, near Sturgis st.
B.Coal—North Jellico Coal Co. Jas. B. Speed, pres.; I. P. Barnard, v. pres.; W. A. Jones, secy. and treas.; C. S. Nield, gen. mgr. Cap. stk. $75,000. Mine at Gray.
Stone—Wm. F. Osborne, 1700 W. Market st. Sandstone, whetstone. Quarry at French Lick, Ind.
Lead—Ozark Range & Mining Co., 531 Third st.
G.S.—Pride of Louisville Mining Co., 119 3rd St. Gold and silver. Mines at Howardsville, Colo.
B.Coal—Proctor Coal Co. W. E. Grinstead, pres.; H. C. Grinstead, secy. and treas.; W. T. Lewis, gen. mgr. Mines at Red Ash.
G.S.—Rio Hondo Mining Co. Gold and silver.

LOUISVILLE—Continued.
B.Coal—St. Bernard Coal Co., 342 W. Main st. S. H. Newbold, mgr. Mine at Earlington.
Stone—Salem Bedford Stone Co., 421 Main st. Oolitic limestone. R. A. Robinson, pres.; John L. Wheat, secy.; J. T. Cooper, treas.
B.Coal—Taylor Coal Co. of Kentucky, 415 W. Jefferson st. J. B. Speed, pres.; W. A. Jones, secy. and treas. Mine at Taylor Mines.
Stone—Louis Walther.
B.Coal—Jos. Walton & Co., 213 3rd st. I. N. Bunton, pres.; E. A. Coyle, v. pres. and gen. mgr.; Thos. McK. Cook, treas.

LOWMANSVILLE, Lawrence Co. Pop. 80. Ry. Richardson, 150. Banking town Louisa.
B.Coal—R. Murray. (Local.)

LYONIA, Hancock Co. Pop. 70. Ry. Reynolds Station, 151. Banking town Whitesville.
B.Coal—R. S. Laurum. (Local.)

M'DOWELL, Floyd Co. Pop. 150. Banking town and Ry. Prestonsburg, 60a.
B.Coal—Ashland Coal and Coke Co.
C.Coal—Jas. Bentley.
C.Coal—John Hall.
C.Coal—O. Hall.
C.Coal—Wm. Henson. Open pit. (Local.)
C.Coal—R. C. Martin.
C.Coal—L. Sallisbury. (Local.)
C.Coal—G. Stumbo. (Local.)
C.Coal—Wm. Stumbo. (Local.)
C.Coal—E. S. Treasure. (Local.)
C.Coal—E. C. Turner. (Local.)
C.Coal—M. Turner. (Local.)

M'GLONE, Carter Co. Ry. name Corey, 150. Banking town Grayson.
B.Coal—Boggs & Kiser. (Local.)
B.Coal—Brown & Brown. (Local.)
B.Coal—P. Johnson. (Local.)
B.Coal—Wm. Kiser & Co. Kiser mine. Open pit. (Local.)
B.Coal—Porter Newell. (Local.)
B.Coal—J. P. Whitt & Son. (Local.)

M'HENRY, Ohio Co. Pop. 463. M.O. Tel. Ry. 151. Banking town Hartford.
B.Coal—McHenry Coal Co., Louisville. McHenry mine. Slope. 80,000 tons. C. W. Taylor, mine supt.
B.Coal—Williams Coal Co. E. T. Williams, pres.; J. S. Williams, secy. and treas. Cap. stk. $40,000. Williams mine. Slope. 30,000 tons. Steam.

M'KEE, Jackson Co. Pop. 88. Ry. E. Bernstadt, 479. Banking town Richmond.
B.Coal—W. H. Clark. (Local.)
B.Coal—J. W. Culton. (Local.)
B.Coal—W. S. Dickson. (Local.)
B.Coal—Scott Evans. (Local.)
B.Coal—J. Gabhard. (Local.)
B.Coal—Joseph Harrison. Bill Branch mine. (Local.)
B.Coal—W. S. McGuire. (Local.)
B.Coal—C. Roberts. (Local.)
B.Coal—Louis Sundlie. (Local.)

M'NARY, Muhlenberg Co. Ry. 151. Banking town Greensville.
B.Coal—R. T. Jarvis. (Local.)

M'WHORTER, Laurel Co. Ry. E. Bernstadt, 479. Banking town London.
B.Coal—J. W. Black. (Local.)
B.Coal—G. W. Brown. (Local.)
B.Coal—J. C. Caldwell. (Local.)
B.Coal—S. W. Carrier. (Local.)
B.Coal—John F. Young. (Local.)
B.Coal—P. L. Young, Sr. (Local.)

MADISONVILLE, Hopkins Co. Pop. 2,212. M.O. Tel. Ry. 479.
B.Coal—Madisonville Coal Co.
B.Coal—Monarch Coal Co., 3 Main st. Chesley Williams, pres.; C. E. Martin, secy. and treas.; R. S. Dalin, gen. mgr.; W. F. Anderson, buyer. Cap. stk. $20,000. Monarch mine. Shaft, 238 ft. 1,000 tons; 200 days; 100 employes. Steam.
B.Coal—S. Offett. (Local.)
B.Coal—Reinecke Coal Co. Conrad Reinecke, pres.; Inkerman Bailey, secy., gen. mgr. and buyer. Cap. stk. $100,000, pd. up. Eureka mine. Shaft, 300 ft. 125,000 tons; 240 days; 175 employes. Steam and compressed air. Louis Feger, mine supt.

MAGAN, Ohio Co. Ry. Reynolds Station, 151. Banking town Hartford.
B.Coal—G. W. Clements. (Local.)

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MAGAN—Continued.
B.Coal—James Metcalf. (Local.)
B.Coal—J. P. Midkiff. (Local.)
B.Coal—Morris & McCarty. (Local.)
B.Coal—C. M. Ralph. (Local.)

MAGGARD, Letcher Co. Ry. Gilly, Va., 479. Banking town Big Stone Gap, Va.
B.Coal—Henry Day. (Local.)
B.Coal—Wilson Lewis. (Local.)
B.Coal—D. M. Maggard. (Local.)
B.Coal—J. F. Maggard. (Local.)
B.Coal—D. W. Webb. (Local.)

MANCHESTER, Clay Co. Pop. 400. M.O. Ry. London, 479.
C.Coal—Thos. J. Brown. Horse Creek mine. Drift.
C.Coal—S. B. Candill. (Local.)
B.Coal—D. Chadwell. (Local.)
B.Coal—T. T. Garrard. (Local.)
B.Coal—Perry Jarvis. (Local.)
B.Coal—John Herd. (Local.)
B.Coal—John Lucas. (Local.)
B.Coal—Granville Phillpot. (Local.)
B.Coal—B. P. White. (Local.)
B.Coal—John White. (Local.)
B.Coal—Martha White. (Local.)
B.Coal—John Wright. (Local.)

MANITOU, Hopkins Co. Ry. 479. Banking town Madisonville.
B.Coal—W. S. Davis. (Local.)
B.Coal—Geo. Fields. (Local.)
B.Coal—G. M. Fuller. (Local.)
B.Coal—H. H. McGinnes. (Local.)

MAPLESVILLE, Laurel Co. Ry. London, 479.
B.Coal—Edward Maples.

MARTHA, Lawrence Co. Ry. Webbville, 273. Banking town Grayson.
B.Coal—J. J. Gambill. (Local.)
B.Coal—L. C. Gambill. (Local.)
B.Coal—J. W. Skaggs. (Local.)

MARTINSBURG, Elliott Co. Pop. 151. P.O. Sandy Hook. Ry. Willard, 273.
B.Coal—John Watson, Roscoe. Fannin mine. (Idle.)

MAULDEN, Jackson Co. Ry. East Bernstadt, 479. Banking town Richmond.
B.Coal—A. B. Holcomb. (Local.)
B.Coal—J. E. Holcomb. (Local.)
B.Coal—John L. Montgomery. (Local.)
B.Coal—A. P. Wilson. (Local.)

MAVITY, Boyd Co. Ry. Princess, 150. Banking town Ashland.
B.Coal—J. M. Caldwell.
B.Coal—W. R. Fisher.

MERCER STATION, Muhlenberg Co. Pop. 325. Ry. 151.
B.Coal—Wm. H. Dovey. Dovey's mine. Shaft. Steam. Coke ovens.
B.Coal—Hillside Coal Co. Partnership (J. W. Lam and T. D. Fortney). Hillside mine. 35,000 tons.

MERSHONS CROSS ROADS, Laurel Co. Pop. 28. Ry. East Bernstadt, 479. Banking town London.
B.Coal—J. F. Baugh.

MIDDLEFORK, Jackson Co. Ry. East Bernstadt, 479. Banking town London.
B.Coal—A. Baker. (Local.)
B.Coal—Jas. Baker. (Local.)
B.Coal—Wm. Carpenter. (Local.)
B.Coal—Thomas Turner. (Local.)
B.Coal—Jacob Tussey. (Local.)

MIDDLESBORO, Bell Co. Pop. 3,271. M.O. Tel. Ry. 436; 479; 521a.
B.Coal—Bryson Mt. Coal & Coke Co.
B.Coal—Coyne & Co. W. M. Todd, treas., gen. mgr. and buyer. Canada Mountain mine. Tunnel, 300 ft. 6 employes. A. Coyne, mine supt.
Stone—Davis Quarry Co.
B.Coal—Fork Ridge Coal & Coke Co John Sanderson, pres.; P. C. Swab, v. pres.; J. W. Cockill, secy.; Thos. Atkinson, treas., gen. mgr. and buyer.
B.Coal—Mingo Coal & Coke Co. C. M Woodbury, pres.; John Ralston, v. pres.; Paul L. McKenrick, secy.; A. McDonald, buyer. Mine at Mingo Mines. P.O. Hartranft, Tenn.
B.Coal—Mingo Mountain Coal & Coke Co.
B.Coal—George Morris. (Local.)
B.Coal—Reliance Coal Co.
Chem.—John Sanderson, F.S.C.,A.I.C., analytical chemist P.O. Box 84.

MIDDLESBORO—Continued.
Stone—Strong Fork Quarry.
Roll.M.Fur.—Watts Steel & Iron Syndicate.
M.E.—Howard F. Welsh, Mining Engineer. Graduate School of Mines, Columbia College, 1890.

MIZE, Morgan Co. Ry. Torrent, 468.
B.Coal—L. Corsky. (Local.)
B.Coal—E. Debusk. (Local.)
B.Coal—J. Debusk. (Local.)
B.Coal—Solomon Haney. (Local.)
B.Coal—S. W. Havens. (Local.)
B.Coal—Wm. Hensley. (Local.)
B.Coal—W. T. Ingram. (Local.)
B.Coal—Boon Oldfield. (Local.)
B.Coal—J. Oldfield. (Local.)
B.Coal—Cyrus Perry. (Local.)
B.Coal—James Rose. (Local.)

MONTICELLO, Wayne Co. Pop. 413. M.O. Ry. Mill Springs, 231.
B.Coal—T. J. Alexander. Smoking Ridge mine. Drift.
B.Coal—Geo. Brumett. (Local.)
B.Coal—Wm. Lair. (Local.)
B.Coal—Thos. Millsaps. (Local.)

MOORES CREEK, Jackson Co. Pop. 17. Ry. East Bernstadt, 479. Banking town London.
B.Coal—J. R. Baldwin. (Local.)
B.Coal—S. B. Davidson. (Local.)

MOREHEAD, Rowan Co. M.O. Tel. Ry. 193. Banking town Mt. Sterling.
Stone—M. M. Cooper.
Stone—Kentucky Blue Stone Co., Freestone. Blue Stone quarry. 1,500 cars; 35 employes. Steam. Stone mill, 1,000 cu. ft. daily capacity.

MORGANFIELD, Union Co. Pop. 1,094. M.O. Tel. Ry. 630.
B.Coal—Watkins & Dunnagan. Watkins mine. Steam.

MORGANTOWN, Butler Co. Pop. 250. M.O. Ry. 352.
B.Coal—Aberdeen Coal & Mining Co. I. B. Wilford, pres.; J. B. Render, secy.; E. P. Asply, treas. Cap. stk. $25,000. Aberdeen mine. Tunnel.
B.Coal—J. M. Forgy. Hope mine. Open pit.
B.Coal—Moses Helm. (Local.)
B.Coal—J. F. Phillips. West Aberdeen mine.
B.Coal—Geo. Thomas. (Local.)
B.Coal—J. H. Wade. (Local.)
B.Coal—O. F. Wade. Drift.
B.Coal—P. Whittaker. (Local.)

MORTONS GAP, Hopkins Co. Pop. 548. M.O. Ry. name Mortons, 479. Banking town Madisonville.
B.Coal—St. Bernard Coal Co., Earlington. Output, etc., included in Earlington.
B.Coal—Chesley Williams. (Local.)
B.Coal—J. B. Williams. (Local.)

MOUNTAIN ASH, Whitley Co. Ry. 479.
B.Coal—Jellico Coal Mining Co. E. J. Davis, pres.; Arthur Grove, secy. and treas. Cap. stk. $100,000. Mountain Ash mines. Slope. 30,000 tons. Horse.

MOUNT PISGAH, Wayne Co. Pop. 47. Ry. Mill Springs, 231. Banking town Somerset.
B.Coal—Shoemaker Preston. (Local.)

MT. SAVAGE, Carter Co. Pop. 149. M.O. Ry. 150. Banking town Grayson.
B.Coal—E. G. Rice. (Local.)

MT. STERLING, Montgomery Co. Pop. 3,629. M.O. Tel. Ry. 150.
B.Coal—Little Fork Coal Co.
B.Coal—Mary Coal Co. J. D. Hazelrigg, pres.; W. H. Strossman, secy. Mine at Denton.
B.Coal—Straight Creek Coal Co. M. M. Cassidy, pres.; W. T. Tibbs, secy. and treas. Mine at Denton.
Stone—Superior Freestone Co. Freestone.

MT. VERNON, Rockcastle Co. Pop. 600. M.O. Tel. Ry. 479. Banking town Stanford.
B.Coal—Wm. A. Dyer. (Local.)
B.Coal—E. W. & E. D. Hansel. Drift. (Local.)
B.Coal—Wm. Owens. (Local.)

MUDRIVER, Muhlenberg Co. Ry. 479. Banking town Central City.
B.Coal—Mud River Coal, Coke & Iron Co. John C. Gordon, pres.; W. G. S. Anderson, secy. and treas. $200,000. Mud River mine. Slope. 50,000 tons. Steam.

MULLIS, Whitley Co. Ry. Williamsburg, 479.
B.Coal—H. Brumett. (Local.)
B.Coal—Gus Hill. (Local.)

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MULLIS—Continued.
B.Coal—Jesse Hill. (Local.)
B.Coal—M. Hill. (Local.)
B.Coal—A. Johnson (Local.)
B.Coal—A. J. Johnson. (Local.)
B.Coal—J. Rhodes. (Local.)
B.Coal—Wm. Siler. (Local.)
B.Coal—Jas. Smith. (Local.)

MYRTLE, Johnson Co. Ry. Richardson, 150. Banking town Louisa.
C.Coal—Big Sandy Cannel Co. Big Sandy mine. Open pit. Horse.
C.Coal—Sandy River Cannel Coal Co. F. A. Stacey, pres.; L. Q. Rousseau, secy.; J. P. Delter, treas. Sandy River mine. Tunnel. 3,000 tons. G. R. Bickford, supt.
C.Coal—White House Cannel Coal Co., Louisa. White House mine. Tunnel, 12,000 tons. Col. J. H. Northup, supt.

NEBO, Hopkins Co. Pop. 180. M.O. Ry. 479. Banking town Madisonville.
B.Coal—T. P. Barnes. Drift. Horse. (Local.)
B.Coal—E. Brinkley. (Local.)
B.Coal—Hopkins Coal Co. (Local.)

NEEDMORE, Floyd Co. Banking town and Ry. Prestonburg, 60a.
B.Coal—G. Vaughn. (Local.)

NELSON, Muhlenberg Co. Ry. name Nelson Creek, 151.
B.Coal—E. C. Gray. (Local.)

NEW CHAPEL, Hancock Co. P.O. Adair. Banking town and Ry. Hawesville, 485.
B.Coal—T. D. Lewis. Drift. (Local.)

NEWPORT, Campbell Co. Pop. 24,918. M.O. Tel. Ry. 150; 479.
Roll.M.—Anchor Iron & Steel Co.
Corun.—Carolina Corundum Co. W. W. Helm, C. E., pres. and gen. mgr.; R. E. Preble, secy. and treas. Cap. stk. $50,000, pd. up. Corundum wheel factory. Mine at Cullowhee, N. C.
Roll.M.—Newport Rolling Mill Co.

NICHOLASVILLE, Jessamine Co. Pop. 2,157. M.O. Tel. Ry. 193; 731.
Zinc-Lead—Nicholasville Zinc Co. B. M. Arnett, pres. and treas.; W. R. Smith, secy.; D. H. Arnold, gen. mgr. Shaft. Developing. D. H. Arnold, mine supt.

NORTONVILLE, Hopkins Co. Pop. 79. Tel. Ry. 151; 479. Banking town Madisonville.
B.Coal—Stull & Childress. (Local.)
B.Coal—Woodstock Coal Co. James H. Brown, pres.; S. Platt, secy. and treas. Oak Hill mine. 20,000 tons.

OIL SPRINGS, Johnson Co. Ry. Paintsville, 60a. Banking town Louisa.
B.Coal—E. Litterell. (Local.)

OLYMPIA, Bath Co. Pop. 303. M.O. Tel. Ry. 150. Banking town Owingsville.
B.Coal—Slate Creek Mining Co.

OPHIR, Morgan Co. Ry. Morehead, 150. Banking town Louisa.
B.Coal—B. F. Cantrell. (Local.)
B.Coal—J. M. Cantrell. (Local.)
B.Coal—N. M. Cantrell. (Local.)
B.Coal—Jesse Gilliam. (Local.)
B.Coal—E. J. Hill. (Local.)

ORLANDO, Rockcastle Co. Ry. Brush Creek Station, 479. Banking town Stanford.
B.Coal—E. Abney. (Local.)
B.Coal—S. Anglin. (Local.)
B.Coal—Fred Bobbs. (Local.)
B.Coal—A. R. Brucks. (Local.)
B.Coal—R. C. Fuqua. (Local.)
B.Coal—H. Herr. (Local.)
B.Coal—M. P. Mattingly. (Local.)
B.Coal—Mise & Co. (Local.)
B.Coal—B. Mullins. (Local.)
B.Coal—C. L. Nall. (Local.)
B.Coal—A. Proctor. (Local.)
B.Coal—H. Reams. (Local.)
B.Coal—J. H. Rudy. (Local.)

OWENSBORO, Daviess Co. Pop. 9,837. M.O. Tel. Ry. 479; 485; 643.
B.Coal—A. R. Bruck. Deane Home mine. Shaft. 10,000 tons.
B.Coal—Meiss & Schafer. (Local.)
B.Coal—New Holland Coal Co. H. G. Simmons, propr. New Holland mine. Shaft. 3,000 tons. Horse.

OWENSBORO—Continued.
B.Coal—C. L. Nall. Nalls mine. 30,000 tons. Steam.
B.Coal—R. S. Patrick.
B.Coal—Worrall Mountain Coal & Mfg. Co. Hon. R. S. Triplett, mgr. Mine at Reynolds Station.

PADUCAH, McCracken Co. Pop. 12,900. M.O. Tel. Ry. 151; 647; 767.
B.Fur.—Paducah Iron Co. Iron furnace.

PAINTSVILLE, Johnson Co. Pop. 550. Ry. 60a. Banking town Prestonburg.
B.Coal—Big Sandy Coal Co. (Local.)
C.Coal—John C. Cellayo. Paintsville mine. Drift.
B.Coal—A. E. Conley. (Local.)
B.Coal—Joseph Daniels. (Local.)
B.Coal—B. L. Davis. (Local.)
C.Coal—Jas. Dills. Muddy Branch mine. Drift.
C.Coal—Jas. Elliott. (Local.)
B.Coal—E. F. & H. S. Howes. E. F. Howes, pres. and secy.; H. S. Howes, treas.; Jno. M. Clay, mgr. Cap. invested, $5,000. Wheeler mine. Slope, 300 ft. 3,000 tons; 6 employes.
B.Coal—G. W. George. Drift.
B.Coal—J. C. Mays & Co. Fletcher mine. Open pit.
B.Coal—Green Meek. (Local.)
C.Coal—Paintsville Mining Co. (Local.)
B.Coal—D. Pelphrey & Son. Barnett's Creek mine. Drift. Breaker.
B.Coal—T. J. Preston. (Local.)
B.Coal—W. W. Rule. (Local.)
B.Coal—J. Stambaugh. (Local.)
B.Coal—Eli Stapleton. (Local.)
B.Coal—M. L. Sublett. (Local.)
B.Coal—F. F. Witten. (Local.)
B.Coal—G. H. Witten. (Local.)

PANTHER, Daviess Co. Banking town and Ry. Owensboro, 479; 485; 643.
B.Coal—A. T. James. (Local.)

PARADISE, Muhlenberg Co. Pop. 147. Ry. Rockport, 151. Banking town Central City.
B.Coal—D. C. Buell. (See Muhlenberg Mg. Co.)
B.Coal—Jas. Casebier. (Local.)
B.Coal—H. Cundliff. (Local.)
B.Coal—J. S. Jones. (Local.)
B.Coal—J. W. Jones. Paradise mine. 4,000 tons; 6 employes.
B.Coal—Muhlenberg Mining Co. Gen. D. C. Buell, pres. Airdrie mine. Shaft, 340 ft. and open pit.
B.Coal—I. W. Smith. (Local.)
B.Coal—P. Smith. (Local.)
B.Coal—W. H. Smith. (Local.)

PARKERS LAKE, Pulaski Co. Ry. name Cumberland Falls, 716. Banking town Somerset.
B.Coal—Indian Creek Coal Co. H. M. Dye, pres.; W. J. La Rue, v. pres.; Joseph C. Parker, secy. Indian Creek mine.
B.Coal—Paris Coal Co. J. C. Souleyrett, gen. mgr. Paris mine.

PARMLEYSVILLE, Wayne Co. Pop. 38. Ry. Millsprings, 231.
B.Coal—W. Traxel. (Local.)

PARTRIDGE, Letcher Co. Ry. Gilly, Va., 479.
B.Coal—E. Beggs. (Local.)
B.Coal—F. M. Brown. (Local.)
B.Coal—J. M. Brown. (Local.)
B.Coal—M. D. Collier. (Local.)
B.Coal—Jas. Lytle. (Local.)
B.Coal—Henry Waggard. (Local.)

PATESVILLE, Hancock Co. Pop. 162. Banking town and Ry. Cloversport, 485.
B.Coal—Samuel Flowers. Drift. (Local.)

PATTERSON CREEK, Whitley Co. Pop. 27. Ry. Jellico, Tenn., 479; 404; 838.
B.Coal—W. B. Bennett. (Local.)
B.Coal—W. E. Standfill. (Local.)
B.Coal—L. B. Woods. (Local.)

PEACH ORCHARD, Lawrence Co. Pop. 1,000. M.O. Tel. Ry. 193. Banking town Louisa.
B.Coal—Peach Orchard Coal Co. John C. Welty, pres.; H. P. Scott, treas.; W. H. Keys, gen. mgr. and buyer. Cap. stk. $350,000. Elizabeth mine. Drift. 60,000 tons; 250 days; 150 employes. Steam and compressed air. Conrad Frank, mine supt.

PETRI STATION, Hancock Co. Ry. 485. Banking town Hawesville.
B.Coal—Best & Son. Best mine. 10,000 tons.
B.Coal—Smith & Ford. (Local.)

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PIGEONROOST, Clay Co. Banking town and Ry. London, 479.
B.Coal—L. Louis. (Local.)
B.Coal—W. M. Reed. (Local.)
B.Coal—C. T. Rowlands. (Local.)

PIKEVILLE, Pike Co. Pop. 456. M.O. Ry. Williamson, W. Va., 608.
B.Coal—Fulton Booze. Ratliff Creek mine. Drift.
B.Coal—O. C. Bowles. (Local.)
B.Coal—John Ferguson. (Local.)
B.Coal—R. M. Ferrell. (Local.)
B.Coal—J. M. Fidler. (Local.)
B.Coal—A. J. Hatcher. (Local.)
B.Coal—P. A. Kline. (Local.)
B.Coal—R. H. Ratliff. (Local.)
B.Coal—J. C. Scott. (Local.)
B.Coal—A. C. Sowards. (Local.)
B.Coal—T. J. Sowards. (Local.)
B.Coal—J. M. Sword. (Local.)
C.Coal—R. Syack. (Local.)
C.Coal—Thos. Thompson. (Local.)

PINEHILL, Rockcastle Co. Pop. 56. Ry. 479. Banking town Stanford.
B.Coal—Wm. Mitchell Co. Mitchell mine. Drift.
B.Coal—Pine Hill Coal & Iron Co. Wm. Gay, treas., gen. mgr. and buyer. Corley mine. Open pit.

PINEKNOT, Whitley Co. Pop. 300. M.O. Tel. Ry. 193. Banking town Williamsburg.
B.Coal—Bryant Bros. D. E. Bryant, treas. and buyer; L. E. Bryant, M. E., supt. Cap. $20,000. Tow Wad mine. Tunnel. 30,000 tons; 180 days; 100 employes.

PINEVILLE, Bell Co. Pop. 1,000. M.O. Tel. Ry. 234; 479; 933a.
C.Coal—Breckenridge & Pineville Syndicate, Ltd., Louisville. West Pineville mine. Bituminous and cannel coal. Bituminous 35,000, cannel 9,000 tons. Steam. George Bentley, supt.
C.E.Sur.—Duffield & Son (Gen. W. W. Duffield and Will Ward Duffield). Civil engineers and surveyors.
B.Coal—Daniel Howard.
C.Coal—Log Mountain Coal, Coke & Timber Co. F. A. Hull, pres.; H. P. Wyman, v. pres.; T. Cairns, secy. and treas. Mary Hull mine. 11,000 tons. Mine is 12 miles from Pineville, on a branch railroad.
B.Coal—Pine Mountain Coal Co.
B.Coal—Southern Land Improvement Co.

PITTSBURG, Laurel Co. Pop. 541. M.O. Tel. Ry. 479. Banking town London.
B.Coal—Aetna Coal Co.
B.Coal—Daisy Coal Co.
B.Coal—Laurel Coal Co. Geo. Givens, pres.; J. W. Bastin, secy. and gen. mgr.; G. M. Burton, buyer. Cap. stk. $30,000, pd. up. Laurel mine. Drift. 50,000 tons; 125 employes.
B.Coal—Litton Coal Co. (W. J. Litton and Caleb Litton). Litton mine.
B.Coal—Peacock Coal Co. Wm. R. Letcher, pres.; G. F. Anderson, secy. Peacock mine. 25,000 tons. Steam. Chas. Anderson, supt.
B.Coal—Pitman Coal Co. W. A. Pugh, pres.; S. V. Rowland, gen. mgr. Cap. stk. $100,000. Pitman mine. Slope. 200,000 tons. Steam. Wm. McNeil, supt.
B.Coal—Pittsburg Coal Co. Jas. D. Smith, pres.; W. B. Neal, secy. and treas.; C. S. O. Tinstman, gen. mgr.; W. F. Raymer, buyer. Cap. stk. $50,000, pd. up. Pittsburg mine. 60,000 tons; 310 days; 125 employes. Steam. Breaker. Operate 1 mile of ry., 1 locomotive, 150 cars. C. S. O. Tinstman, mine supt.
B.Coal—Welsh Coal Co. C. S. O. Tinstman, pres.; J. E. Hurtlington, v. pres.; W. Welsh, secy. Welsh mine.
B.Coal—W. A. Pugh. (See Pitman Coal Co.)
B.Coal—Union Coal Co. T. Jeffrey, pres.; John Jeffrey, supt. Cap. stk. $5,000. Union mines Nos. 1 and 2. Tunnel. 10,000 tons. Horse.
B.Coal—Victoria Coal Co. Victoria mine. Slope. Horse.
B.Coal—Welsh Coal Co. (Local.)

PLEASANT, Martin Co. Ry. Prestonburg, 60a.
A.Coal—A. Blackburne. (Local.)
A.Coal—R. Delang. (Local.)
A.Coal—Wm. Goble. (Local.)
A.Coal—J. J. McCoy. (Local.)
A.Coal—S. D. McCoy. (Local.)

PLEASANTRIDGE, Daviess Co. Pop. 32. Banking town and Ry. Owensboro, 479; 485; 643.
B.Coal—W. T. Hewlett. (Local.)
B.Coal—Jas. Tharp. (Local.)

PLEASANTVIEW, Whitley Co. Tel. Ry. 479. Banking town Williamsburg.
B.Coal—Central Jellico Coal Co. J. P. Mahen, pres.; J. W. Siler, treas. Cap. stk. $24,000. Central Jellico mine. Open pit. 90,000 tons. John Phillips, mine supt.

POLLEYTON, Whitley Co. Ry. Jellico, Tenn., 404; 479; 838.
B.Coal—John Polley. (Local.)
B.Coal—J. L. Powers. (Local.)
B.Coal—M. A. Rose. (Local.)

PONGO, Rockcastle Co. Ry. Hazel Patch, 479.
B.Coal—John Hibbard. (Local.)
B.Coal—Sam'l McGuire. (Local.
B.Coal—Wm. Mink. (Local.)
B.Coal—N. Nicely. (Local.)
B.Coal—J. Norton. (Local.)

POORFORK, Harlan Co. Ry. Gilly, Va., 479. Banking town Williamsport.
B.Coal—Chas. Blair. (Local.)
B.Coal—J. B. Blair. (Local.)
B.Coal—J. H. Coldiron. (Local.)
B.Coal—John Dixon. (Local.)
B.Coal—R. Eversole. (Local.)
B.Coal—S. W. Smith. (Local.)

POWDERLY, Muhlenberg Co. Ry. name Hillside, 151. Banking town Greenville.
B.Coal—Greenville Coal Mining Co. Louis Reno, pres.; E. D. Martin, v. pres.; I. J. Kahn, gen. mgr. Powderly mine. 25,000 tons. C. H. Hamilton, supt.

PRESTONBURG, Floyd Co. Pop. 305. M.O. Ry. 60a.
B.Coal—T. J. Bingham. (Local.)
B.Coal—G. Hatcher. (Local.)
B.Coal—J. H. Hatcher. (Local.)
B.Coal—M. L. Hatcher. Rock Port mine. Drift.
B.Coal—Wm. Hubbard. (Local.)
B.Coal—T. Jefferson. (Local.)
B.Coal—T. J. Leslie. (Local.)
B.Coal—B. C. May. (Local.)
B.Coal—L. P. May. (Local.)
B.Coal—Samuel May. (Local.)
B.Coal—T. R. May. (Local.)
B.Coal—J. H. Spradin & Co. (Local.)
B.Coal—N. Stone. (Local.)

PROCTOR, Lee Co. Pop. 277. Ry. Beattyville, 60. Banking town Clay City.
B.Coal—C. McGuinn. (Local.)
B.Coal—Daniel Stule. (Local.)

PROSPERITY, Lawrence Co. Banking town and Ry. Louisa, 150.
B.Coal—D. T. Curnette. (Local.)
B.Coal—John St. Curnett. (Local.)
B.Coal—Jas. Evans. (Local.)
B.Coal—A. Haws. (Local.)

PROVIDENCE, Webster Co. Pop. 522. M.O. Tel. Ry. 479.
B.Coal—Providence Coal Co. W. A. Nisbet, pres. and gen. mgr.; W. L. Barnes, secy.; F. D. Ramsey, treas.; C. C. Woodson, buyer. Cap. stk. $100,000. Slope, 250,000 tons; 200 days; 100 employes. One mile of ry. W. J. Nisbet, C. E., mine supt.
Crescent mine. Shaft, 50 ft. 60,000 tons; 100 days; 40 employes. Steam. One mile of ry. Robt. Wanless, mine supt.
B.Coal—Robt. Wanless. Wanless mine. 3,500 tons.

RACCOON BEND, Laurel Co. Pop. 48. P.O. Raccoon. Ry. East Bernstadt, 479.
B.Coal—E. McGinnes. (Local.)

READY, Grayson Co. Ry. Caneyville, 151. Banking town Leitchfield.
B.Coal—A. H. Hussey. (Local.)
B.Coal—R. D. Minton. (Local.)
B.Coal—G. W. Montgomery. (Local.)
B.Coal—Chas. Simpson. (Local.)
B.Coal—M. H. Ward. (Local.)

REDASH, Whitley Co. Ry. Jellico, Tenn., 404; 479; 838. Banking town Williamsburg.
B.Coal—Proctor Coal Co., Louisville. Proctor and Grinstead mines. 700,000 tons.

RELIEF, Morgan Co. Pop. 47. Ry. Morehead, 150. Banking town Portsmouth, Ohio.
B.Coal—B. S. Hamilton. (Local.)
B.Coal—D. H. Hamilton. (Local.)
B.Coal—A. J. Ferguson. (Local.)
B.Coal—J. M. Ferguson. (Local.)
B.Coal—R. Ferguson. (Local.)
B.Coal—W. R. Ferguson. (Local.)
B.Coal—Elliott Hill. (Local.)
B.Coal—J. W. Hill. (Local.)
B.Coal—W. B. Hill. (Local.)
B.Coal—Dr. Ison. (Local.)
B.Coal—H. Keaton. (Local.)

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RELIEF—Continued.
B.Coal—F. Pelphney. (Local.)
B.Coal—G. W. Price. (Local.)
B.Coal—David Smith. (Local.)
B.Coal—J. C. Todd. (Local.)

RENDER, Ohio Co. Ry. 151.
B.Coal—Central Coal & Iron Co., Louisville. Render mines Nos. 1 and 2. 60,000 tons.

REYNOLDS STATION, Ohio Co. Ry. 643. Banking town Hartford.
B.Coal—Worrall Mountain Coal & Mfg. Co., Owensboro. Worrall Mountain mine. 1,500 tons.

RICEDALE, Muhlenberg Co. P.O. and Ry. Drakesboro, 479.
B.Coal—Sam'l James. (Local.)

RIDDLE, Elliott Co. Ry. Leon, 150.
B.Coal—O. W. Adkins. (Local.)
B.Coal—A. Ison. (Local.)
B.Coal—W. F. Mason. (Local.)
B.Coal—M. Skaggs. (Local.)
B.Coal—J. Tyffe. (Local.)

RIVERTON, Greenup Co. Pop. 96. Tel. Ry. 273.
B.C.Coal—Kentucky Cannel Co. W. T. Grant, pres.; B. M. Allison, secy. and treas.; S. G. Bates, ass. treas. and buyer. Mine at Grayson. Bituminous and cannel coal.

ROBINSON CREEK, Pike Co. Pop. 137. Banking town and Ry. Pikeville, 60a.
B.Coal—Benjamin Fackett. (Local.)

ROCHESTER, Butler Co. Pop. 510. M.O. Ry. 352. Banking town Morgantown.
B.Coal—D. Greathouse. (Local.)
B.Coal—Benjamin Harper. (Local.)
B.Coal—John Holman. (Local.)
B.Coal—G. Hunt. (Local.)
B.Coal—Kinamonth Bros. (Local.)
B.Coal—Thos. Miller. (Local.)

ROCKCASTLE SPRINGS, Pulaski Co. Banking town and Ry. Somerset, 716.
B.Coal—J. R. Littrell. (Local.)
B.Coal—Z. Strunk. (Local.)

ROCKFIELD, Warren Co. Pop. 186. Ry. 479. Banking town Bowling Green.
Stone—McLellan Stone Co.
Stone—John Oman, cor. Oak & High sts., Nashville, Tenn. Petros quarry. Oolitic limestone. 12,000 ft.; 250 days; 8 employes. Stone mill, 600 feet daily capacity. Stone crusher, 180 yards daily capacity. Steam. D. S. Oman, quarry supt. Operate 2 miles ry., 1 locomotive.

ROCKHOLDS, Whitley Co. Pop. 63. Ry. 479. Banking town Williamsburg.
B.Coal—W. Hamblin. (Local.)
B.Coal—W. A. King. (Local.)
B.Coal—J. W. Perkins. (Local.)
B.Coal—J. R. Rollins. (Local.)
B.Coal—Perry Sharp. (Local.)

ROCKHOUSE, Letcher Co. Pop. 125. Ry. Gilly, Va., 479. Banking town Big Stone Gap, Va.
C.Coal—P. Adkins. (Local.)
C.Coal—Jesse Bowens. (Local.)
B.Coal—B. F. Collins. (Local.)
C.Coal—Jas. M. Collins & Co. (Local.)

ROSCOE, Elliott Co. Ry. Leon, 150.
B.Coal—M. P. Skaggs. Mine at Martinsburg.
B.Coal—John Watson. Mine at Martinsburg.

ROSEDALE, Carter Co. Ry. Leon, 150. Banking town Ashland.
B.Coal—A. Blankenbeckle. (Local.)
B.Coal—S. Haeberlin. (Local.)
B.Coal—N. E. Pennington. (Local.)

ROTHWELL, Menifee Co. Ry. 193.
B.Coal—W. A. Allen. Hathaway mine. Drift.
B.Coal—Wilson Combs. (Local.)
B.Coal—B. F. Day. (Local.)
B.Coal—T. N. Perry. (Local.)

ROUSSEAU, Breathitt Co. P.O. Stevenson. Banking town and Ry. Clay City, 468.
B.Coal—W. S. Allen. (Local.)
B.Coal—W. Bayly. (Local.)
B.Coal—P. Claft. (Local.)

ROUSSEAU—Continued.
B.Coal—G. W. Clemens. (Local.)
B.Coal—Moses Clemens. (Local.)
B.Coal—H. A. Hardin. (Local.)
B.Coal—Thos. Hogston. (Local.)
B.Coal—Ruben Lonely. (Local.)
B.Coal—John Newton. (Local.)
B.Coal—B. H. Quinn. (Local.)
B.Coal—Jas. Robards. (Local.)
B.Coal—Jas. Robertson. (Local.)
B.Coal—John Tincher. (Local.)
B.Coal—Hy. Williams. (Local.)

RUMSEY, McLean Co. Pop. 207. Ry. 352. Banking town Calhoun.
B.Coal—J. E. Arnold. Drift. (Local.)
B.Coal—Samuel Conway. (Local.)
B.Coal—P. F. Richardson. (Local.)

RUSH, Boyd Co. Ry. 150. Banking town Ashland.
B.Coal—Ashland Coal & Iron Ry. Co., Ashland. Rush and Grant mines. Tunnel, 4,000 ft. 125,000 tons; 250 days; 300 employes. Steam. James Heron, mine supt. Operate 22 miles of ry., 7 locomotives, 500 cars and 1 steamer.
B.Fur.—Three furnaces, 250 tons daily capacity. Foundry pig. Brand "Ashland."

RUSSELL, Greenup Co. Pop. 323. M.O. Tel. Ry. 150. Banking town Ironton, Ohio.
B.Coal—G. Patterson. (Local.)

RUSSELVILLE, Logan Co. Pop. 2,253. M.O. Tel. Ry. 479.
Stone—C. P. Burgher & Sons. Freestone.

ST. CHARLES, Hopkins Co. Pop. 449. M.O. Tel. Ry. 151. Banking town Madisonville.
B.Coal—St. Bernard Coal Co., Earlington. Output, etc., included in Earlington.
B.Coal—D. D. Woodruff. (Local.)

SALT CREEK, Perry Co. Pop. 51. Ry. Jackson, 468. Banking town Manchester.
B.Coal—R. H. Brashears. (Local.)

SALYERSVILLE, Magoffin Co. Pop. 339. M.O. Ry. Jackson, 468. Banking town Prestonburg.
C.Coal—Grats Allen. Open pit. 10 coke ovens.
B.Coal—P. Arnett. (Local.)
B.Coal—D. M. Atkeson. (Local.)
C.Coal—Isaac Buck. Drift. Breaker. (Local.)
B.Coal—J. R. Candill. (Local.)
C.Coal—S. Carpenter. Drift.
B.Coal—G. B. Gardner. (Local.)
C.Coal—Benjamin Hammond. (Local.)
B.Coal—Jasper Owens. (Local.)
B.Coal—Jeff. Prater. (Local.)

SAND HILL, Warren Co. Ry. Greencastle, 352. Banking town Manchester.
B.Coal—Wm. Simmons. (Local.)

SANDY HOOK, Elliott Co. Pop. 151. M.O. Ry. Leon, 150. Banking town Owingsville.
C.Coal—C. S. Adams. (Local.)
C.Coal—W. H. Bowling. (Local.)
B.Coal—L. C. Pritchard. (Local.)
B.Coal—Wm. Weddington. (Local.)

SASSAFRAS, Knott Co. Ry. Jackson, 468. Banking town Prestonburg.
B.Coal—T. M. Breeding. (Local.)
B.Coal—Simon Hajons. (Local.)
B.Coal—John Hale. (Local.)
B.Coal—G. W. Kelley. (Local.)
B.Coal—Thos. Kelley. (Local.)
B.Coal—Wm. Kelley. (Local.)
B.Coal—Robt. Mullins. (Local.)
B.Coal—Jeremiah Smith, Jr. (Local.)
B.Coal—Jas. Stacey. (Local.)
B.Coal—Simon Stacey. (Local.)
B.Coal—M. Young. (Local.)

SAXTON, Whitley Co. Ry. 479. Banking town Williamsburg.
B.Coal—P. Bryant. (Local.)
B.Coal—J. A. Jones. (Local.)
B.Coal—Joseph Siler. (Local.)
B.Coal—T. S. Siler. (Local.)
B.Coal—E. Smith. (Local.)

SEBREE, Webster Co. Pop. 959. M.O. Tel. Ry. 479.
B.Coal—J. W. Hunter. (Local.)

SEE, Powell Co. Ry. Bowen, 468. Banking town Clay City.
B.Coal—Moses Morton. Gladys mine. Open pit. (Local.)

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SELLARS, Morgan Co. Ry. Torrent, 468.
B.Coal—Alex. Phipps. (Local.)

SEMIWAY, McLean Co. Ry. Rumsey, 352.
B.Coal—Russell Bates. Bates mine. Slope. Horse.

SHARONGROVE, Todd Co. Pop. 125. Banking town and Ry. Elkton, 479.
B.Coal—R. W. Driskell. Drift. (Local.)

SHOAL, Leslie Co. Ry. London, 479.
B.Coal—H. S. Begley. (Local.)
B.Coal—W. E. Bowling. (Local.)
B.Coal—N. Gay. (Local.)
B.Coal—P. Gross. (Local.)

SHREWSBURY, Grayson Co. Banking town and Ry. Leitchfield, 151.
B.Coal—Matthew Edwards. (Local.)
B.Coal—M. Willis. Open pit.

SIP, Johnson Co. Ry. Richardson, 150. Banking town Louisa.
B.Coal—J. H. Candill. Drift. (Local.)
B.Coal—Sherman Pack. (Local.)
B.Coal—Jas. Rumey. (Local.)

SKILESVILLE, Muhlenberg Co. Pop. 98. Ry. Rochester, 352. Banking town Greenville.
B.Coal—T. Brown. (Local.)
B.Coal—J. W. Casteel. Open pit. (Local.)
B.Coal—Mrs. T. Draper. (Local.)
B.Coal—M. A. Summers. (Local.)

SLADE, Powell Co. Pop. 60. Ry. Dundee, 468. Banking town Clay City.
B.Coal—W. B. Cougleton. Tunnel, 100 ft. 2 employes. (Local.)

SLAUGHTERVILLE, Webster Co. Pop. 493. M.O. Tel. Ry. 479. Banking town Madisonville.
B.Coal—R. H. Cates. (Local.)
B.Coal—D. G. Nelson. (Local.)

SLUSHERS MILL, Bell Co. P.O. Knuckles. Banking town and Ry. Pineville, 234; 479; 933a.
B.Coal—Jas. Brock. (Local.)
B.Coal—John Brock. (Local.)
B.Coal—N. J. Brock. (Local.)
B.Coal—Henry Bullins. (Local.)
B.Coal—Matthew Haskins. (Local.)
B.Coal—C. C. Knuckles. (Local.)
B.Coal—F. Nappier. (Local.)

SOLDIER, Carter Co. Ry. 150. Banking town Grayson.
B.Coal—Richardson & Patton. (Local.)
F.Clay—L. S. Vincent. Fire clay. Tunnel, 400 ft. 6 employes.

SOUTH, Grayson Co. Ry. Leitchfield, 151.
B.Coal—T. J. Davis. (Local.)
B.Coal—H. R. Jones. (Local.)
B.Coal—Dock Mosser. (Local.)

SOUTH CARROLLTON, Muhlenberg Co. Pop. 525. M.O. Ry. 479. Banking town Central City.
B.Coal—Geo. W. Doss. (Local.)
Stone—John Oman, cor, Oak & High sts., Nashville, Tenn. Buff and blue sandstone. Stone mill, 200 ft. daily capacity. Steam. Operate ¼ mile ry.

SOUTHFORK, Owsley Co. Ry. Beattyville, 60. Banking town Manchester.
B.Coal—Squire Combs. (Local.)
B.Coal—J. C. Wilson. (Local.)

SPOTTSVILLE, Henderson Co. Pop. 700. M.O. Ry. 485. Banking town Evansville, Ind.
B.Coal—R. S. Eastin & Co. R. S. Eastin, buyer. Cap. invested, $15,000. Old Green River mine. Shaft, 63 ft. 50,000 tons; 213 days; 125 employes. Steam. F. Shiver, mine supt.
B.Coal—Green River Coal & Mining Co. Spottsville mine. (Local.)
B.Coal—T. Shiver & Bros. Green River mine. Shaft. Steam.

SPRINGGROVE, Union Co. Pop. 67. Ry. Grove Center, 630. Banking town Morganfield.
B.Coal—F. Baxley. (Local.)
B.Coal—J. W. Hall. Slope. (Local.)
B.Coal—Wm. Stone. (Local.)

SPRUCEBURG, Whitley Co. Ry. Woodbine, 479. Banking town Williamsburg.
B.Coal—A. T. Skinner. (Local.)

STEPHENS, Elliott Co. Ry. Willard, 273. Banking town Grayson.
B.Coal—Jesse Lyon. Drift. (Local.)

STEUBENVILLE, Wayne Co. Ry. Mill Springs, 231. Banking town Somerset.
B.Coal—A. A. Sparr. (Local.)
B.Coal—Steubenville Coal Co. Steubenville mine. Open pit.

STRUNK, Whitley Co. Ry. name Strunks Lane, 716.
B.Coal—Pine Knot Coal Co. M. Phillips, pres.; John W. Frost, secy.; L. M. Jackson, treas. Strunk mine. 20,000 tons.

STURGEON, Owsley Co. Ry. Beattyville, 60. Banking town Manchester.
B.Coal—John Strong. (Local.)
B.Coal—Laura Tackett. (Local.)
B.Coal—W. N. Whicker. (Local.)
B.Coal—J. E. Wilson. (Local.)

STURGIS, Union Co. Pop. 327. M.O. Tel. Ry. 630.
B.Coal—Barnaby & Son. Slope. (Local.)
B.Coal—J. M. Cross. Con. mine. 6 employes. Steam. (Local.)
B.Coal—Cumberland Coal Co. Isaac Reese, secy. and treas. Cap. stk. $150,000. Cumberland mine. Slope. 150,000 tons. Steam. Geo. H. McCartney, mine supt.
B.Coal—Ohio Valley Coal & Mining Co. S. S. Brown, pres.; S. P. Sturgis, secy.; Cap. stk. $230,000. Mines at Dekoven.
B.Coal—Sturgis Coal & Coke Co. Sturgis mine. Shaft. Steam.
B.Coal—Trade Water Coal & Coke Co. (Local.)

SULLIVAN, Union Co. Ry. 630. Banking town Morganfield.
B.Coal—A. J. Christison. (Local.)

SWAMPTON, Magoffin Co. Banking town and Ry. Prestonburg, 60a.
B.Coal—Morgan Allen. (Local.)
B.Coal—R. Allen. (Local.)
B.Coal—D. Brown. (Local.)
B.Coal—Geo. Carpenter. (Local.)
B.Coal—Dial Cole. (Local.)
B.Coal—F. Gardner. (Local.)
B.Coal—B. F. Gillett. (Local.)
B.Coal—Chas. Lovely. (Local.)
B.Coal—J. Marshall. (Local.)
B.Coal—Sam'l Montgomery. (Local.)
B.Coal—E. Patrick. (Local.)
B.Coal—F. M. Patrick. (Local.)
B.Coal—M. Risner. (Local.)
B.Coal—Abner Salyer. (Local.)
B.Coal—John Salyer. (Local.)
B.Coal—R. E. Salyer.

TANKSLEY, Clay Co. Banking town and Ry. London, 479.
B.Coal—B. T. Allen. (Local.)
B.Coal—Caleb Dezarn. (Local.)
B.Coal—J. S. Hatton. (Local.)
B.Coal—Lewis Hatton. (Local.)
B.Coal—John Hownshell.

TAULBEE, Breathitt Co. Ry. Jackson, 468. Banking town Clay City.
B.Coal—Jas. Banks. (Local.)
B.Coal—Jas. S. Cope. (Local.)
B.Coal—A. C. Copp. (Local.)
B.Coal—E. Spencer. (Local.)
B.Coal—Thos. Strong. (Local.)
B.Coal—J. P. Taulbee. (Local.)
B.Coal—Silas Taulbee. (Local.)
B.Coal—S. S. Taulbee. (Local.)
B.Coal—J. R. Wilson. (Local.)

TAYLOR MINES, Ohio Co. Pop. 353. Ry. 151.
B.Coal—Taylor Coal Co. of Ky., Louisville. Taylor mine. 200,000 tons.

TOWNSVILLE, Butler Co. Ry. Rochester, 352. Banking town Morgantown.
B.Coal—Samuel Cartwright. (Local.)

TRAVELLERS REST, Owsley Co. Pop. 75. Ry. Beattyville, 60. Banking town Manchester.
B.Coal—W. Bolner. (Local.)

TREADWAY, Clay Co. P.O., banking town and Ry. Manchester, 479.
B.Coal—Levi Allen. (Local.)
B.Coal—P. Gambrel. (Local.)
B.Coal—I. Hornsby. (Local.)
B.Coal—Mary Hornsby. (Local.)
B.Coal—John Sample. (Local.)

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TREADWAY—Continued.
B.Coal—Jas. Treadway. (Local.)
B.Coal—J. M. Treadway. (Local.)
B.Coal—Robt. Treadway.

TRISLER, Ohio Co. Ry. Ruth, 485. Banking town Hartford.
B.Coal—C. Beatty. (Local.)
B.Coal—R. E. Eskridge. (Local.)
B.Coal—J. Marlow. (Local.)
B.Coal—J. H. Mason. (Local.)
B.Coal—C. S. Moxley. (Local.)
B.Coal—J. W. Petty. (Local.)
B.Coal—C. Radenheimer. (Local.)
B.Coal—Thos. Spears. (Local.)
B.Coal—R. G. Whittinghill.

TYNER, Jackson Co. Ry. East Bernstadt, 479. Banking town Richmond.
C.Coal—G. Reynolds. (Local.)
B.Coal—Jas. St. John. (Local.)

ULYSSES, Lawrence Co. Ry. Richardson, 150.
B.Coal—S. Austin. (Local.)

UNIONTOWN, Union Co. Pop. 1,040. M.O. Tel. Ry. 630.
B.Coal—B. C. Davidson. (See Davidson & Sons.)
B.Coal—Davidson & Sons (Ben C., Sr., and Jr., and Henry T. Davidson). Davidson mine. 5,000 tons.

VEST, Knott Co. Ry. Jackson, 468. Banking town Prestonburg.
B.Coal—James M. Grisby. Open pit. (Local.)

VICTORIA, Hancock Co. Pop. 186. Ry. 87a. Banking town Cloverport.
C.Coal—Breckenridge Coal Co., Ltd., Cloverport. Breckenridge mine. Open pit. Steam.

VIPER, Perry Co. Ry. Jackson, 468. Banking town Manchester.
B.Coal—W. Campbell. (Local.)
B.Coal—Wm. Candill. (Local.)
B.Coal—Elijah Hall. (Local.)
B.Coal—P. W. Hall. (Local.)
B.Coal—J. M. Pratt. (Local.)

WALLINS CREEK, Harlan Co. Ry. Hagan, Va., 479. Banking town Pineville.
B.Coal—J. Blanton. (Local.)
B.Coal—Barry Howard. (Local.)
B.Coal—Larkin Howard. (Local.)
B.Coal—Poley Howard. (Local.)

WALNUTGROVE, Pulaski Co. Ry. Eubank, 716. Banking town Somerset.
B.Coal—B. Caskey. Lykins mine. Open pit. (Local.)

WARD CITY, Johnson Co. Pop. 200. Ry. Richardson, 150. Banking town Louisa.
B.Coal—Geo. Arrowwood. (Local.)
B.Coal—Wm. Butcher. (Local.)
B.Coal—D. Daniels. (Local.)
B.Coal—G. W. Daniels. (Local.)
B.Coal—J. Davis. (Local.)
B.Coal—W. P. Davis. (Local.)
B.Coal—G. W. Estep. (Local.)
B.Coal—A. Gibbs. (Local.)
B.Coal—Bartley Peck. (Local.)
B.Coal—Sam'l Spears. (Local.)
B.Coal—J. W. Traley. (Local.)
B.Coal—J. M. Walter. (Local.)
B.Coal—W. H. Walter. (Local.)
B.Coal—Grene Ward. (Local.)
B.Coal—J. V. Ward. (Local.)
B.Coal—S. W. Ward. (Local.)
B.Coal—W. J. Ward. (Local.)
B.Coal—J. G. Wells. (Local.)

WARFIELD, Martin Co. Pop. 121. Ry. Fairfax, W. Va., 608. Banking town Louisa.
B.Coal—Jas. A. Barrett. (Local.)
B.Coal—I. Brewer. (Local.)
B.Coal—M. Parsely. (Local.)
B.Coal—Sam'l Starr. (Local.)
B.C.Coal—Tug River Coal & Salt Co. S. A. Forbes, acting pres.; J. W. Hopson, secy.; J. D. Barret, buyer. Cap. stk. $900,000, pd. up. Fifteen thousand acres mountain land. Warfield mine. Tunnel, 1,000 ft. 200 tons; 2 employes.
B.Coal—Thos. Webb, Sr. (Local.)

WEBBVILLE, Lawrence Co. Pop. 250. Tel. Ry. 273. Banking town Grayson.
B.Coal—J. E. Ferguson.
B.Coal—A. J. Pennington.
B.Coal—J. C. Webb. Drift. (Local.)

WELLINGTON, Menifee Co. Ry. Rothwell. 150. Banking town Mt. Sterling.
B.Coal—J. S. Wells. (Local.)

WEST LIBERTY, Morgan Co. Pop. 234. Ry. Morehead, 150. Banking town Owingsville.
B.Coal—J. W. Caskey. (Local.)
B.Coal—J. H. Cole. (Local.)
B.Coal—Amos Davis. (Local.)
B.Coal—John L. Henry. Open pit. (Local.)
B.Coal—Boone Lacey. (Local.)
B.Coal—J. S. Sartain. (Local.)
B.Coal—H. G. Spradin. (Local.)
B.Coal—J. W. Steele. (Local.)
B.Coal—Warnack & Co. (Local.)
B.Coal—E. B. Wells. (Local.)

WEST LOUISVILLE, Daviess Co. Pop. 100. Banking town and Ry. Owensboro, 479; 485; 643.
B.Coal—T. L. Hart. Buck Washington mine. Shaft. Horse.
B.Coal—Thos. Herrald. (Local.)
B.Coal—J. P. O'Bryan. Shaft. Horse.
B.Coal—J. M. Sims. (Local.)
B.Coal—Wood Bros. & Elder. Shaft. Steam.

WHALEN, Daviess Co. Ry. name Monarchs, 151.
B.Coal—H. C. Brown. Slope. (Local.)

WHITAKERSVILLE, Magoffin Co. Ry. Jackson, 468.
B.Coal—J. G. Arnett. (Local.)
B.Coal—W. Gullett. (Local.)
B.Coal—Marion Patrick. (Local.)

WHITEOAK, Morgan Co. Ry, Morehead, 150. Banking town Mt. Sterling.
B.Coal—M. A. Brown. (Local.)
B.Coal—Wm. Lacey. (Local.)

WHITEPLAINS, Hopkins Co. Pop. 59. Ry. 151. Banking town Madisonville.
B.Coal—J. W. Stanley. (Local.)

WHITEPOST, Pike Co. Pop. 52. Ry. Nolan, W. Va., 608. Banking town Catlettsburg.
B.Coal—J. P. Alley. (Local.)
B.Coal—P. N. Alley. (Local.)
B.Coal—Thos. Alley. (Local.)
B.Coal—Jas. Deskins. (Local.)
B.Coal—S. Deskins. (Local.)
B.Coal—Jas. Duncan. (Local.)
B.Coal—J. B. Goff. (Local.)
B.Coal—A. B. Hatfield. (Local.)
B.Coal—O. B. M. Lowe. (Local.)
B.Coal—J. McCoy. (Local.)
B.Coal—Wayne Scott. (Local.)

WHITESBURG, Letcher Co. M.O. Ry. Gilly, Va., 479. Banking town Big Stone Gap, Va.
B.Coal—M. Adams. (Local.)
B.Coal—H. B. Branson. Open pit. (Local.)
B.Coal—D. Holcomb. (Local.)
B.Coal—W. M. Jenkins. (Local.)
B.Coal—J. N. Thompson. (Local.)

WHITESVILLE, Daviess Co. Pop. 398. M.O. Ry. 643.
B.Coal—J. A. Bartlett. (Local.)
B.Coal—M. W. Hamilton. (Local.)
B.Coal—G. W. Mullen. (Local.)
B.Coal—John Rice.

WILBUR, Lawrence Co. Ry. Georges Creek, 150. Banking town Louisa.
B.Coal—P. T. Burgess. (Local.)

WILBUR—Continued.
B.Coal—M. T. Swetman. (Local.)
B.Coal—G. V. Travis. (Local.)

WILDIE, Rockcastle Co. Tel. Ry. 479. Banking town Richmond.
Stone—Gustave M. Mueller & Co., 702 W. Front st., Cincinnati, O. Mueller quarry. Freestone. 75,000 ft.; 15 employes. Stone crusher, 250 ft. daily capacity. Steam. Geo. A. Ryan, quarry supt.

WILLARD, Carter Co. Pop. 431. M.O. Tel. Ry. 273. Banking town Grayson.
B.Coal—Bents Coal Works. Drift. (Local.)
B.Coal—George Duncan. Lost Creek mine. Tunnel. 4,000 tons.
Coal—Eastern Kentucky R. R. Co.
B.Coal—Jacob Horton. Drift. (Local.)

WILLIAMSBURG, Whitley Co. Pop. 1,376. M.O. Tel. Ry. 479.
B.Coal—J. M. Adkins. (Local.)
B.Coal—J. M. Ellison. (Local.)
B.Coal—D. W. Finley. (Local.)
B.Coal—M. Richardson. (Local.)
B.Coal—J. W. Siler. (Local.)
B.Coal—G. W. Sproal. Open pit.
B.Coal—R. A. Steele. (Local.)
B.Coal—J. Wilder. Open pit. (Local.)

WILLIAMS CREEK TUNNEL, Carter Co. P.O. Denton. Ry. 29; 150.
B.Coal—James Helton.

WOODBINE, Whitley Co. Pop. 200. Ry. 479. Banking town Williamsburg.
Coal—Alvin Burton. (Local.)
B.Coal—J. A. Butcher. (Local.)
B.Coal—Jas. Frances. (Local.)
B.Coal—S. B. Hart. (Local.)
B.Coal—H. L. Taylor. (Local.)

WOODBURY, Butler Co. Pop. 194. Ry. 352. Banking town Morgantown.
B.Coal—G. W. Terry. (Local.)

WRIGHT, Letcher Co. Ry. Gilly, Va., 479.
B.Coal—J. Hughes. (Local.)
B.Coal—A. Potter. (Local.)
B.Coal—W. M. Potter. (Local.)
B.Coal—Wm. Warrick. (Local.)

YELVINGTON, Daviess Co. Pop. 172. Ry. Powers Station, 485. Banking town Owensboro.
B.Coal—G. Creason. (Local.)
B.Coal—Henry Creason. Slope. (Local.)

YOUNGS CREEK, Whitley Co. Pop. 16. Ry. Rockholds, 479. Banking town Williamsburg.
B.Coal—Robt. Alsip. (Local.)
B.Coal—J. Sutton. (Local.)

ZEBULON, Pike Co. Ry. Williamson, W. Va., 608. Banking town Pikeville.
B.Coal—L. G. Bunzon. (Local.)
B.Coal—R. T. Cecil. (Local.)
B.Coal—A. G. Charles. (Local.)
B.Coal—G. Charles. (Local.)
B.Coal—J. A. Maynard. (Local.)
B.Coal—Wm. Thompson. (Local.)

LOUISIANA

AVERY ISLAND, Iberia Co. M.O. Ry. name Salt Mine, 841.
Salt—New Iberia Salt Co., Myles & Co., lessees, New Orleans. Shaft, 200 ft. Salt rock. 30,000 tons; 300 days; 120 employes. Works, 200 tons daily capacity. Steam. A. F. Lucas, supt.

NEW ORLEANS, Orleans Co. Pop. 242,100. M.O. Tel. Ry. 276; 381; 479; 584; 586; 587; 841; 873.
Stone—J. H. Gunning Stone Co.
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NEW ORLEANS—Continued.
Attys.—Merrick & Merrick, attorneys, 220 Carondelet st. Special attention to land and mining law. Practice in all State and Federal Courts. Compilers of the Laws of Louisiana for the RECORD.
Salt—New Iberia Salt Co., Myles & Co., lessees. A. F. Lucas, M. E., supt. and buyer. Mine at Avery Island.
G.S.—Sunset Mining Co. Gold and silver.

MAINE

ADDISON, Washington Co. P.O. and Ry. Addison Point, 491.
Gran.—Pleasant River Granite Co., State st. wharf, Portland. Pleasant River quarry. 5,000 ft.; 300 days; 20 employes. Steam.

ADDISON POINT, Washington Co. Pop. 722. M.O. Tel. Ry. 491. Banking town Machias.
Gran.—Black Diamond Granite Co. Granite.

ALFRED, York Co. Pop. 1,035. M.O. Tel. Ry. 697. Banking town Portland.
Stone—Theo. Bennett.

ATHENS, Somerset Co. Pop. 1,075. M.O. Banking town and Ry. Skowhegan, 491.
Gran.—T. N. Joaquin. Joaquin quarry. Granite.

AUBURN, Androscoggin Co. Pop. 11,560. M.O. Tel. Ry. 344; 491; 698.
Gems—Mount Apatite Mineral Co. Aquamarines. Open pit.

AUGUSTA, Kennebec Co. Pop. 10,727. M.O. Tel. Ry. 491.
Gran.—A. T. Fuller. Granite.
Gran.—F. E. Garland. Granite. Horse.
Gran.—H. S. Robie. Granite.
Gran.—W. A. Wall & Son. Granite.
Atty.—Williamson & Burleigh, Attorneys at Law.
Gran.—D. S. Young. Granite.

BANGOR, Penobscot Co. Pop. 20,000. M.O. Tel. Ry. 491.
Copp.—Copper King Mining Co. Copper.
Gran.—T. A. Jones & Jewell Co. Granite.
Slate—A. A. Merrill.
Mica—Mount Mica Co. Mine at Paris.

BAR HARBOR, Hancock Co. M.O. Tel. Ry. 491.
Stone—Rodick Bros.

BELFAST, Waldo Co. Pop. 5,394. M.O. Tel. Ry. 491.
Gran.—Adams Oak Hill Granite Co. Granite.
Gran.—C. J. Hall. Granite.
Gran.—Oak Hill Granite Co. Granite.
Gran.—Sargent Granite Co. Granite.

BERWICK, York Co. Pop. 2,380. M.O. Tel. Ry. Somersworth, 82. Banking town S. Berwick.
Gran.—Belknap Granite Co. Granite.

BIDDEFORD, York Co. Pop. 14,450. M.O. Tel. Ry. 82.
Gran.—C. H. Andrews. Granite.
Gran.—G. W. Andrews. Granite.
Gran.—G. H. Bragdon & Son. Granite.
Gran.—D. A. Burnham. Granite.
Gran.—Day Bros. Granite.
Gran.—C. H. & A. Goodwin. Granite.
Gran.—B. B. Gordon. Granite.
Gran.—Gordon & Mitchell. Granite.
Gran.—L. B. Howe & Co. Granite.
Gran.—J. B. Palmer. Granite.
Gran.—Geo. Rose. Granite.

BLANCHARD, Piscataquis Co. Pop. 215. M.O. Tel. Ry. 53. Banking town Dover.
Slate—Blanchard Slate Mining Co.
Slate—Deslauriers Slate Co. Quarry at Shirley. Moosehead quarry. Steam.
Slate—State of Maine Slate Co.

BLUEHILL, Hancock Co. Pop. 1,990. M.O. Tel. Banking town and Ry. Ellsworth, 491.
Gran.—W. P. Bissett. Orland granite quarry. Horse.
Gran.—Bluehill Granite Co. Granite.
Gran.—Chase Granite Co., 66 Broadway, New York. 5,500 tons.
Gran.—Howard & Green. Granite.
Gran.—J. T. Miller. Granite.
Gran.—Park & Gates. Granite.
Gran.—White Granite Co., 547 W. 14th st., New York. Bluehill quarry. Stone mill.

BRIDGTON, Cumberland Co. Pop. 2,700. M.O. Tel. Ry. 88.
Gran.—Allen Bros. Granite quarry. Mill.

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BROWNVILLE, Piscataquis Co. Pop. 1,075. M.O. Tel. Ry. 53. Banking town Dover.
Slate—Brownville Maine Slate Co., Worcester.
Slate—Hughes Slate Co.
Slate—Merrill, Brownville Slate Co. Merrill, Brownville quarry. Steam.

BRUNSWICK, Cumberland Co. Pop. 6,015. M.O. Tel. Ry. 491.
Stone—A. P. Woodside.

CALAIS, Washington Co. Pop. 7,320. M.O. Tel. Ry. 756.
Stone—Burpee & Co.
Gran.—Douglas Bros., St. Stephen, N. B. Granite. Horse.
Gran.—New Brunswick Red Granite Co. of Maine.

CAPE ELIZABETH, Cumberland Co. Pop. 5,500. Tel. Ry. 82. Banking town Portland.
C.E.Sur.—C. E. Staples, Civil Engineer and Surveyor.

CLARK ISLAND, Knox Co. Pop. 47. Tel. Ry. Rockland, 491.
Gran.—Clark's Island Granite Works.
Gran.—M. A. St. John. Granite.

DEER ISLE, Hancock Co. Pop. 3,460. M.O. Tel. Ry. Bucksport, 491. Banking town Rockland.
Gran.—S. A. Allen. Granite.
Gran.—Calvin Ames. Granite.
Gran.—Bray Bros. Granite.
Gran.—Herman Eaton. Granite.
Gran.—T. H. Eaton & Son. Granite.
Gran.—John L. Goss. Goss quarry. Granite. 20,000 tons; 250 days; 40 employes. Operate 1 canal boat, 1 steamer and sailing vessels.
Gran.—John McDonald. Granite.
Gran.—T. Snow & Co. Granite.
Gran.—E. S. Thinlow & Co. Granite.
Gran.—John Tyler & Co. Granite
Gran.—T. A. Westcott. Granite.

DUCKPOND, Cumberland Co. Pop. 740. Ry. Cumberland Mills, 491; 697.
Gran.—George Barber. Granite.

EAST BLUEHILL, Hancock Co. Pop. 455. M.O. Tel. Ry. 40.
Stone—Asherton & Sperry.
Gran.—Dugdale, Stansfield & Co. Granite. Dugdale & Stansfield quarry.
Gran.—Johnson & Long. Granite.
Gran.—John Love. Granite.

EAST FRANKLIN, Hancock Co. Ry. N. Hancock, 491.
Gran.—T. M. Blaisdell. Granite. Horse.
Gran.—W. B. Blaisdell. Cape Elen quarry. Horse.
Gran.—Frank Bradbury. Granite. Springer Hill quarry. Horse.

ELLSWORTH, Hancock Co. Pop. 5,000. M.O. Tel. Ry. 491.
Gran.—Campbell & Macomber. Granite.

FARMINGTON, Franklin Co. Pop. 1,250. M.O. Tel. Ry. 491; 792.
Gran.—J. N. Kempton. Granite.

FARMINGTON FALLS, Franklin Co. Pop. 415. M.O. Ry. Farmington, 491; 792.
Gran.—L. P. Currier. Granite.

FRANKFORT, Waldo Co. Pop. 1,399. M.O. Tel. Ry. 40.
Gran.—New York & Maine Paving Block Co. Granite.
Gran.—Hayward Pierce. Granite.
Gran.—John P. Gordon. Gordon's quarry. 400,000 street paving blocks; 200 days; 40 employes.
Gran.—Mount Waldo Granite Co. Granite.
Gran.—Joseph H. West. Granite. 3,000 tons.

FREEPORT, Cumberland Co. Pop. 2,530. M.O. Tel. Ry. 491. Banking town Brunswick.
Gran.—Freeport Granite & Marble Wks. Granite and marble.
Gran.—E. B. Mallet, Jr. Freeport quarry. C. L. Orne, gen. mgr. 20,000 ft.; 250 days; 20 employes. Steam.

GARDINER, Kennebec Co. Pop. 5,490. M.O. Tel. Ry. 491.
Slate—W. H. Moore.

GORHAM, Cumberland Co. Pop. 2,890. M.O. Tel. Ry. 697.
Gr.Mb.—Gardiner D. Weeks. Gorham quarry. Granite and marble. Mills.

GREENS LANDING, Hancock Co. Pop. 740. M.O. Tel. Ry. 40.
Gran.—James Clegg. Moose Island quarry. Granite.
Gran.—S. A. McDonald. Granite.
Gran.—J. H. Robbins. Granite.
Gran.—C. A. Russ & Co. Granite.
Gran.—C. C. Thurlow & Co. Granite.
Gran.—Thos. Warren & Co. Granite.

HALL QUARRY, Hancock Co. Ry. 40.
Gran.—Standard Granite Co. C. J. Hall, pres. and treas.; T. H. Simpson, secy. Cap. stk. $500,000, $50,000 pd. up. Hall's quarry. 200 employes. Steam.

HALLOWELL, Kennebec Co. Pop. 3,190. M.O. Tel. Ry. 491.
Gran.—Hallowell Central Granite Co. Hallowell quarry. Granite. Steam.
Gran.—Hallowell Granite Wks. Granite. Steam.
Gran.—Union Granite Co. Cap. stk. $60,000, pd. up. Arche's quarry. White granite.

HANCOCK, Hancock Co. Pop. 1,199. M.O. Tel. Ry. 491. Banking town Ellsworth.
Gran.—Abbott & Alonzo. Granite.

HURRICANE ISLAND, Knox Co. M.O. Ry. 40.
Gran.—Hurricane Isle Granite Co. Granite.

JONESBORO, Washington Co. Pop. 520. Tel. Ry. Machiasport, 491.
Gran.—Bodwell Granite Co., Vinal Haven. Granite.
Gran.—J. V. Chandler. Granite.
Gran.—Eastern Maine Granite Co. W. P. Drisko, pres., gen. mgr. and buyer; W. P. Pinkham, secy.; R. L. Gilman, treas. Cap. stk. $10,000, $6,000 pd. up. Gilman & Drisko quarry. 8,000 ft.; 250 days; 30 employes.
Gran.—W. W. Fish. Granite.
Gran.—Marston & Gilman. Granite.
Gran.—Ansel Tupper. Granite.
Gran.—C. W. Vose. Granite.

JONESPORT, Washington Co. Pop. 1,920. M.O. Tel. Ry. Mount Desert, 491.
Gran.—Jonesport Red Granite Co. Jonesport quarry. Red granite. Steam.
Gran.—Geo. F. Mansfield. Granite.

LINCOLN, Penobscot Co. Pop. 1,856. M.O. Tel. Ry. 491. Banking town Bangor.
Gran.—Jewell Granite Co. Granite.
Gran.—D. Low, Jr. Granite.

LINCOLNVILLE, Waldo Co. Pop. 1,460. M.O. Banking town and Ry. Camden, 40.
Gran.—E. H. Fernald, P.O. Camden. Beach Grove quarry. Granite. 800 ft.; 100 days. Steam.

MACHIAS, Washington Co. Pop. 2,036. M.O. Tel. Ry. 486b.
Gran.—H. T. Gardner. Granite. Quarry at Marshfield.
Gran.—L. B. Getchell. Granite.

MARSHFIELD, Washington Co. Ry. Machias, 486b.
Gran.—H. T. Gardner, Machias. Marshfield quarry. Granite. 125,000 ft.; 200 days; 25 employes.

MILLBRIDGE, Washington Co. Pop. 1,970. M.O. Tel. Ry. Mt. Desert, 491. Banking town Ellsworth.
Stone—Millbridge Paving Co. White Rock quarry. Mill.

MONSON, Piscataquis Co. Pop. 1,240. M.O. Tel. Ry. 550. Banking town Guilford.
Gran.—Hughes & Jones. Granite.
Slate—Lakeside Slate Co.
Slate—Slate Engraving and Mfg. Co., 75 Kennebec st., Portland. Burmah quarry. 300 days; 40 employes. Steam. Mill at Portland.

MT. DESERT, Hancock Co. Pop. 3,050. M.O. Tel. Ry. 491. Banking town Ellsworth.
Gran.—R. B. Babbridge. Granite.
Gran.—Blaisdell & Joy. Granite.
Gran.—Brown & Freeman. Granite. Horse.
Gran.—Higgins & Graham. Granite paving blocks. Horse.
Gran.—W. J. Richardson. Granite.
Gran.—Savage & Moore. Brown's quarry. Granite. Horse.
Gran.—Whiting, Allen & Co. Granite. 500,000 paving blocks; 45 employes.

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NORTH BERWICK, York Co. Pop. 823. M.O. Tel. Ry. 82.
Gran.—B. A. Parker. Granite.

NORTH JAY, Franklin Co. Pop. 212. M.O. Ry. 491.
Gran.—F. L. Billings. Granite.
Gran.—Bryant Bros. Granite.

NORWAY, Oxford Co. Pop. 930. M.O. Tel. Ry. 344.
Gran.—L. L. Howard. Pike's Hill quarry. Granite.
Gran.—J. E. Long. Longacre quarry. Granite.

PARIS, Oxford Co. Pop. 270. M.O. Tel. Ry. 344. Banking town Norway.
Mica—Mount Mica Co., Bangor. Mount Mica mine. Open pit.
Tin-Mi.—Mount Mica Tin & Mica Co.

PHILLIPS, Franklin Co. Pop. 1,396. M.O. Tel. Ry. 676; 792.
Gran.—C. A. Bean. Granite.
Gran.—E. Parker. Granite.
Gran.—N. D. Witham. Granite.

PORTLAND, Cumberland Co. Pop. 37,000. M.O. Tel. Ry. 82; 344; 697.
Attys.—Gage & Strout, Attorneys, Counsellors at Law and Notaries Public, 52 Exchange st., Cumberland National Bank Building. General practice in State and Federal Courts, Corporations and Commercial Litigation and Collections. Compilers of the Maine laws for the RECORD.
Gold—Gleaves & Morrill.
Gold—Gold Bug Mining Co.
Gran.—Hawks Bros. Granite.
Stone—Maine Central R. R. Co.
Gran.—Maine & New Hampshire Granite Co. Granite.
Slate—Monson Lakeside Slate Co.
Gran.—Pleasant River Granite Co., State st. wharf. John L. Dalot, propr. Granite. Quarry at Addison.
Slate—Slate Engraving & Mfg. Co., 75 Kennebec st. M. P. Frank, pres.; P. J. Larrabee, secy. and treas.; L. G. Paine, buyer. Slate mill. Quarry at Monson.
Gold—Wiedman Gold Mining Co., 21 Exchange st. W. H. Emerson, pres. and gen. mgr.; A. R. Mitchell, v. pres.; W. J. Knowlton, secy.; Irving O. Whiting, treas.; John Ross., Jr., M. E. and buyer. Mines at Suttercreek, Cal.

PRETTY MARSH, Hancock Co. Pop. 26. Ry. 491. Banking town Ellsworth.
Stone—F. P. Freeman.

READFIELD, Kennebec Co. Pop. 1,800. M.O. Ry. 491. Banking town Augusta.
Salt—Dirigo Salt Co.

REDBEACH, Washington Co. Pop. 280. Tel. Ry. Calais, 756.
Gran.—Maine Red Granite Co. E. B. Harvey, pres.; O. S. Tarbox, secy., gen. mgr. and buyer.; C. H. Newton, treas. Black and red granite. 300 days; 100 employes. Water.

RICHMOND, Sagadahoc Co. Pop. 3,090. M.O. Tel. Ry. 491.
Gran.—B. F. Torrey. Granite.

ROCKLAND, Knox Co. Pop. 8,190. M.O. Tel. Ry. 491.
Gran.—Bodwell Granite Co. Granite.
Gran.—Booth Bros. & Hurricane Isle Granite Co., New York. Granite.
Gran.—F. Cobb & Co. Granite.
Gran.—A. L. Crockett. Granite.
St.Lm.—F. E. Hurley, 14 Water st. Hurley and Pillsbury quarry. Limestone. Lime kilns. 40,000 bbls.; 300 days; 40 employes.
Gran.—C. E. Littlefield. Granite.
Gran.—Perry Bros. Granite.
Stone—Robinson & Gilchrist. Limestone.
Gran.—Speer, Leonard & Co. Granite.
Stone—Spruce Head Granite Co. Spruce Head quarry. Limestone.
C.E.—O. H. Tripp, Civil Engineer, 30 Court House.
St.L.—Union Lime Co. C. E. Littlefield, pres.; E. S. Farwell, treas. and gen. mgr. Limestone quarry at Union. Lime kilns.
Gran.—W. S. White. Granite.

SACO, York Co. Pop. 6,073. M.O. Tel. Ry. 82.
Gold—Alba Mining Co.
B.Coal—Sea Bay Coal Co.

SARGENTVILLE, Hancock Co. Pop. 80. M.O. Tel. Ry. Bucksport, 491. Banking town Ellsworth.
Stone—J. W. Grindell.

SOLON, Somerset Co. Pop. 418. M.O. Tel. Ry. 853. Banking town Skowhegan.
Slate—Mayfield Slate Co.

SOUND, Hancock Co. Ry. Bar Harbor, 491. Banking town Ellsworth.
Stone—A. L. Brown.
Gran.—A. A. Murphy. Granite.

SOUTH BEDDINGTON, Washington Co. Pop. 55. Ry. Millbridge, 40.
Stone—Cameron Silica Co.

SOUTH BLUEHILL, Hancock Co. Pop. 398. Ry. Ellsworth, 491.
Gran.—Brown, McAllister & Co. Granite.

SOUTH BRISTOL, Lincoln Co. Pop. 260. M.O. Ry. Newcastle, 491.
Gran.—South Bristol Granite Co. Granite.

SOUTH GARDINER, Kennebec Co. Pop. 356. M.O. Tel. Ry. 491. Banking town Hallowell.
Slate—V. R. Beedle.

SOUTH NORRIDGEWOCK, Somerset Co. Pop. 876. M.O. Tel. Ry. Norridgewock, 833.
Gran.—Lawton, Emmons & Co. Granite.
Gran.—Maine Granite & Imp. Co. Granite.
Stone—E. C. Taylor & Co.
Stone—J. Taylor.

SOUTH THOMASTON, Knox Co. Pop. 1,634. M.O. Tel. Banking town and Ry. Rockland, 491.
Gran.—Anderson & Conant. Granite.
Gran.—H. P. Babb. Babb quarry. 3 employes. Horse..
Gran.—N. C. Bassick. Bassick quarry. Granite. Horse.
Gran.—Brown & Wade. Granite.
Gran.—Crown Granite Co. Granite.
Gran.—T. R. Drew & Sons. Granite.
Gran.—J. Emery. Granite.
Gran.—Geo. Green & Co. Granite.
Gran.—P. Maloney & Co. Granite.
Gran.—Chas. Ward. Granite.

SOUTH TURNER, Androscoggin Co. Pop. 75. Ry. Auburn, 491.
Stone—William D. Barrell. Poplar Hill quarry. Granite. Mill.

SULLIVAN, Hancock Co. Pop. 1,479. M.O. Tel. Ry. 491. Banking town Ellsworth.
Gold—Alonzo Abbott.
Gold—Crabtree & Harvey.
Gold—Dunbar Bros.
Gran.—C. A. Stinson. Stinson quarry. Granite. Steam.
Gold—Alexander Taylor.
Gold—J. H. West.

SWAN'S ISLAND, Hancock Co. Pop. 198. M.O. Ry. 40. Banking town Ellsworth.
Gran.—G. W. Pettingill & Son. Granite.
Gran.—Andrew Taylor. Granite.

UNION, Knox Co. Pop. 1,550. M.O. Tel. Ry. 331. Banking town Camden.
St.L.—Union Lime Co., Rockland. Limestone. Lime kilns.

VINALHAVEN, Knox Co. Pop. 2,716. M.O. Banking town and Ry. Rockland, 491.
Gran.—A. J. Barton. Granite.

VINALHAVEN—Continued.
Gran.—Black & Monroe. Granite.
Gran—Booth Bros. & Hurricane Isle Granite Co., New York. State Point quarry. Granite. Mill. Steam.
Gran.—Crown Hill Granite Co. Granite.
Gran.—Geo. Smith. Diamond Rock quarry. Granite. Mill. Horse.

WALDOBORO, Lincoln Co. Pop. 3,550. M.O. Tel. Ry. 491.
Gran.—J. P. Glidden. Granite.
C.E.—E. T. Hodge, Civil Engineer. Superintendent Waldoboro Granite Co.
Gran.—Waldoboro Granite Co. W. B. Ludwig, pres.; E. T. Hodge, secy., treas., gen. mgr. and buyer. Cap. stk. $9,600, $4,000 pd. up. Quarry. 4,000 tons; 175 days; 18 employes.

WATERVILLE, Kennebec Co. Pop. 7,120. M.O. Tel. Ry. 491.
Gran.—Dodlin Granite Co. Granite.

WAYNE, Kennebec Co. Pop. 780. M.O. Ry. North Leeds, 491.
Gran.—J. F. Gordon. Cap. $4,000. Wayne quarry. Granite. 2,000 ft.; 300 days; 4 employes. Steam.

WELCHVILLE, Oxford Co. Pop. 330. M.O. Tel. Ry. 344.
Gran.—Oxford Granite Co. Granite.

WESTBROOK, Cumberland Co. Pop. 6,632. M.O. Tel. Ry. 697.
Gran.—E. J. Brackett. Granite.
Gran.—H. K. Griggs. Granite.
Gran.—T. Powerchan. Granite.

WEST FRANKLIN, Hancock Co. Ry. North Hancock, 491. Banking town Ellsworth.
Gran.—R. H. Williams. Granite.

WEST LUBEC, Washington Co. Pop. 80. Ry. 40.
B.Coal—Trescott Mining & Manufacturing Co.

WEST SULLIVAN, Hancock Co. Pop. 115. M.O. Tel. Ry. Hancock, 491. Banking town Ellsworth.
Gran.—L. C. Abbott. Granite.
Gran.—Crabtree & Hawey. Granite.
Gran.—Dunbar Bros. & Chapham. Granite.
Gran.—Hanna & Newman. Granite.
Gran.—Hooper & Harvey. Granite.
Gran.—Newman Bros. Granite.
Gran.—Sullivan Granite Co.
Gran.—Alex. Taylor. Hopewell quarry. Granite. Mill. Horse.

WHITEFIELD, Lincoln Co. Pop. 1,220. Tel. Ry. 954. Banking town Wiscasset.
Gran.—E. C. Jewett. Whitefield quarry. Granite.

YARMOUTH, Cumberland Co. Pop. 2,100. M.O. Tel. Ry. 344. Banking town Portland.
Gran.—E. D. Freeman. Granite. (Idle.)

YARMOUTHVILLE, Cumberland Co. Pop. 2,540. Ry. name Yarmouth Junction, 491.
Gran.—C. A. Hodsdon. Granite.
Gran.—T. S. Reed. Granite.

MARYLAND

ACCIDENT, Garrett Co. Pop. 276. M.O. Ry. Friendsville, 49. Banking town Oakland.
B.Coal—John Feik.

AVONDALE, Carroll Co. Pop. 54. Ry. 928. Banking town Westminster.
Stone—Wm. Fenby.

BALTIMORE CITY, Pop. 490,000. M.O. Tel. Ry. 46; 48; 49; 51; 613; 675; 928.
Phos.—Albion Phosphate Mining Co., 12 St. Paul st. Angus Cameron, pres.; L. Riggs, v. pres.; H. J. Bowdoin, secy. and treas. Cap. stk. $500,000, $250,000 pd. up. Mine at Albion, Fla.
Stone—Jas. H. Atkinson, 14 North st.
B.Coal—Baker Whitely Coal Co., Rialto bldg. Bernard N. Baker, pres.; Edward H. Ray, treas.
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BALTIMORE CITY—Continued.
B.Coal—Baltimore Coal Co., 2 South st. Diggs Bros., prop'rs.
S.R.M.—Baltimore Copper Smelting & Rolling Co., Keyser bldg. Wm. Keyser, pres.; Joseph Clendenin, Jr., secy.; R. Brent Keyser, treas.; Albert H. Weld, asst. treas. Works at Canton. Geo. A. Pope, mgr.
Ir.St.—Baltimore Iron, Steel & Tinplate Co., Andre and Beason sts. James E. Ingram, pres.
M.Gr.—Baltimore Marble & Granite Co., 401 Fidelity bldg.
Smlt.—Baltimore Mining & Smelting Co., 347 N. Charles.
B.Coal—Barton & Georges Creek Valley Coal Co.
Marb.—Beaver Dam Marble Co., 704 Constitution st. Hugh Sisson, pres.; Edward C. Wilson, secy., treas. and buyer. Cap. stk. $100,000, pd. up. Quarry at Cockeysville.
B.Coal—Big Vein Coal Co. of West Virginia, 21 S. Gay st. Mine at Frostburg.

BALTIMORE CITY—Continued.

Stone—Elijah Bishop, Merryman ave. near B. & L. R.R.
B.Coal—Black-Sheridan-Wilson Co., 1 and 3 Chamber of Commerce. H. Crawford Black, pres.; John Wilson, secy. and treas.
Mang.—Caribbean Manganese Co.
B.Coal—Chapman & Hocking, Hopkins Place & Lombard sts. D. T. Isaac, secy.; W. J. Chapman, treas.; John T. Hocking, gen. mgr. and buyer. Mine at Salisbury, Pa.
B.Coal—Consolidation Coal Co., 44 South st.
G.S.L.—Corry Mining Co. Abner Greenleaf, pres.; H. C. McComas, v. pres.; J. B. Phipps, secy.; O. F. Lantz, treas.; C. S. Desch, gen. mgr. and buyer. Cap. stk. $40,000, pd. up. Mine at Silver Plume, Colo. Gold, silver and lead.
B.Coal—Cumberland Coal Co., 213 E. German st. Wm. H. Gorman, pres. and treas.; Steven B. Elkins, v. pres.; Arthur W. Sellman, secy.; J. B. Jenkins, mgr. Cap. stk. $60,000, pd. up. Mine at Douglas, W. Va.
B.Coal—Cumberland & Elk Lick Coal Co.
Gran.—John T. Curley & Co. Granite. 225 E. Fayette st.
B.Coal—Despard Gas Coal Co., 44 South st.
G.S.—Diamond Tunnel Gold & Silver Mining Co., 108 Equitable bldg. J. B. Phipps, secy.
Copp.—Elizabeth Mining Co. Copper. 301 N. Charles st.
Marb.—Evans Marble Co. Marble. 204 to 208 E. York st.
Gold—Evans Mining, Milling & Smelting Co.
Stone—W. H. Evans & Son.
Stone—Henry Fox. Harford Rd. near Hall Springs.
B.Coal—Franklin Consolidated Coal Co.
Gran.—Mathew Gault & Son, 700 W. Pratt st. Granite quarry at Guilford.
B.Coal—Georges Creek Coal & Iron Co., 29 & 31 Chamber of Commerce.
Gran.—Gill & Johnson, 1043 Utah st. Granite.
B.Coal—Gilmor, Meredith & Co.
B.Coal—Glen White Coal & Coke Co., 21 S. Gay st.
Gran.—Guilford & Waltersville Granite Co. Granite. Quarry at Granite.
Gran.—Guvyrns Falls Quarries. Granite.
B.Coal—Hall Bros. & Co., 36 S. Holliday st.
Gran.—Thos. Hill. Granite.
B.Coal—J. Hilles & Co., 2 Chamber of Commerce.
B.Coal—Howard Coal & Coke Co., 21 S. Gay st.
St.L.—Ideal Lime & Stone Co., 524 Equitable bldg.
Iron—Indian Camp Mining Co., 318 Front st. Theodore F. Wilcox, pres.; Lewis Lauer, v. pres.; Julius Stern, secy., treas., gen. mgr. and buyer. Cap. stk. $100,000. Mine at Austinville, Va.
Stone—Jones & Thom.
B.Coal—Stephen S. Lee & Son, 33 S. Gay st.
Gran.—David Leonard, 329 Old Frederick Road. Granite.
Atty.—George E. Loweree, attorney at law, 312 Fidelity bldg. Personal attention given to all legal business entrusted to my care. Correspondence solicited. Compiler of Maryland laws for the RECORD.
B.Coal—Lynah & Read, 11 Chamber of Commerce.
B.Coal—Manor Big Vein Coal Co. Mine at Shaw, W. Va.
Stone—Maryland Green Stone Co., manufacturers. Record bldg.
B.Coal—Merchants' Coal Co., 33 S. Gay st. Mine at Tunnelton, W. Va.
G.S.—Mineral Hill Mining Co. Gold and silver. 301 N. Charles st.
B.Coal—National Coal Co., 15 North st.
Bary.—National Mining & Milling Co., 5 E. Lexington st. Barytes.
C.G.—North Star Copper & Gold Mining Co., 6 S. Gay St.
B.Coal—Oakland Coal & Coke Co., 21 S. Gay St.
Copp.—Old Dominion Copper Co., 205 E. German st.
Slate—Peachbottom Slate Co. of Baltimore, 318 N. Front st. Lewis Lauer, pres.; Martin Lauer, v. pres.; Julius Stern, secy., treas., gen. mgr. and buyer. Quarry at Delta, Pa.
Phos.—Popplein Silicated Phosphate Co.
B.Coal—Potomac Coal Co. Mine at Barton.
L.Z.—Rye Valley Mining Co. Lead and zinc.
Stone—John G. Schwind, 225 E. Fayette st.
B.Coal—Shaw Bros., 406 Water st.
S.L.—Silver Valley Mining Co. H. C. Turnbull, Jr., receiver. 5 E. Lexington st. Cap. stk. $1,000,000. Mine at Thomasville, N. C. Silver and lead.
Marb.—Hugh Sisson & Sons, North and Monument sts.
Roll.M.—South Baltimore Rolling Mill Co.
St.L.—Standard Lime & Stone Co., 524 Equitable Bldg.
B.Fur.—Stickney Iron Co., 11 S. Gay st.
Stone—Jessie Tyson & Sons, 301 N. Charles st.
B.Coal—Union Mining Co., 49 South st.
Gold—Virginia Gold Mining & Milling Co., 712 Equitable bldg.
Gran.—Westham Granite Co. Granite.
B.Coal—West Virginia Central & Pittsburg Ry. Co., 213 E. German st.
Gran.—A. H. Wight & Co., Sumwalt Lane, near B. & L. R. R. Granite.

BARTON, Allegany Co. Pop. 1,280. M.O. Tel. Ry. 232. Banking town Piedmont, W. Va.
B.Coal—American Coal Co., New York.
B.Coal—Anthony Coal Co.

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BARTON—Continued.

B.Coal—Potomac Coal Co., Baltimore.
B.Coal—John Shaw. (Local.)
B.Coal—Jas. Smiley. (Local.)
B.Coal—Welsh Bros. (Local.)

BELTSVILLE, Prince George Co. Pop. 87. M.O. Ry. 49. Banking town Washington, D. C.
Iron—G. I. Donaldson.

BITTINGER, Garrett Co. Pop. 45. Ry. Elk Lick, 49. Banking town Frostburg.
B.Coal—J. Bittinger. (Local.)
B.Coal—S. J. Brenan. (Local.)
B.Coal—T. R. Hamilton. (Local.)
B.Coal—Michael Seger. (Local.)

BLOOMINGTON, Garret Co. Pop. 296. Ry. 49. Banking town Piedmont, W. Va.
B.Coal—Empire Coal Co. Thos. D. Wattson, Phila., Pa., pres.; Thos. R. Osbourn, Phila., Pa., secy.; Thos. L. Clevenger, treas.; Geo. C. Pattison, buyer. Cap. stk. $300,000, $90,000 pd. up. Empire mine. Tunnel, 2,500 ft. 10,000 tons. Branch office, 209 S. 3rd st., Philadelphia, Pa. Own 1,060 acres coal and fire clay land; held for lease on royalty.
B.Coal—G. C. Pattison. (See Empire Coal Co.)
B.Coal—Rawlings & Patterson. (Local.)

BOONSBORO, Washington Co. Pop. 770. M.O. Banking town and Ry. Hagerstown, 49; 235; 608; 928.
Gran.—E. Wade & Bros. Granite.

BRANCHVILLE, Prince George Co. Pop. 50. Tel. Ry. 49. Banking town Washington, D. C.
F.Clay—Branchville Clay Co., 1518 H st., Washington, D. C. Branchville fire-clay pit. 20,000 tons. F. H. Knowlton, supt.

CAPITOL VIEW PARK, Montgomery Co. Ry. 49.
Stone—Consolidated Quarry Co., 8 Sun bldg., Washington, D. C. Capitol View quarry. Blue gneiss. 200 days; 20 employes. Steam. Crushed stone, 250 yds. daily cap. Capt. Clifford, quarry supt.

CATOCTIN, Frederick Co. Pop. 360. Ry. Thurmont, 928.
Iron—Catoctin Mount Iron Co. Thos. Gorsuch, pres. and gen. mgr.; Harry P. Gorsuch, secy. and buyer; Geo. Houck, treas. Cap. stk. $90,000, pd. up. One charcoal furnace, 32x11 ft. One coke furnace, 55x13 ft. (Idle.)
Stone—D. M. MacPherson. Flint stone.

COCKEYSVILLE, Baltimore Co. Pop. 1,290. M.O. Tel. Ry. 613.
Marb.—Beaver Dam Marble Co., 704 Constitution st., Baltimore. Beaver Dam quarries. 300 days; 200 employes. Steam. Marble mill, 400 ft. daily capacity.

CRANBERRY, Carroll Co. Pop. 32. Ry. 928. Banking town Westminster.
Stone—Henry Riggle.

CUMBERLAND, Allegany Co. Pop. 13,550. M.O. Tel. Ry. 49; 232; 330; 661; 933.
B.Coal—Maryland Union Coal Co., New York.
B.Coal—Jas. R. Percy. (Local.)
B.Coal—Piedmont Cumberland Coal Co.

DUBLIN, Harford Co. Pop. 156. M.O. Ry. Conowingo, 661. Banking town Belair.
Gran.—W. McCann. Granite.
Slate—Frank Taylor.
Gran.—Wilbur & McCann Quarry Co. Granite.

ECKHART MINES, Allegany Co. Pop. 820. M.O. Ry. 232. Banking town Cumberland.
B.Coal—Jos. Bannatyne.

ELLICOTT CITY, Howard Co. Pop. 1,520. M.O. Tel. Ry. 49.
Stone—C. F. Rappaneir.

FRIENDSVILLE, Garrett Co. Pop. 170. M.O. Tel. Ry. 49. Banking town Oakland.
B.Coal—Andrew Friend. (Local.)
B.Coal—Ben F. Friend. (Local.)
B.Coal—E. M. Friend. (Local.)
B.Coal—A. J. Teatze. (Local.)

FROSTBURG, Allegany Co. Pop. 3,890. M.O. Tel. Ry. 232.
B.Coal—Borden Mining Co., 70 West st., New York. Bowery mine. Drift. Steam.
B.Coal—Frostburg Mining Co. (Local.)
B.Coal—Geo. M. Hansel. (Local.)
B.Coal—J. B. Hansel. (Local.)
B.Coal—Y. Kemp. (Local.)

GLEN ECHO, Montgomery Co. P.O. Cabin John. Ry. 49; 51.
Gran.—Consolidated Quarry Co., 8 Sun Building, Washington, D. C. Glen Echo quarrv. Granite. Steam. (Idle.)

GRANITE, Baltimore Co. Pop. 680. M.O. Ry. Woodstock, 49. Banking town Ellicott City.
Gran.—W. E. Cavey. Granite.
Gran.—Guilford & Walterville Granite Co., Baltimore.
Gran.—Oliver Peach. Granite.
Gran.—Pickwick Granite Wks. (See Wm. F. Weller.)
Gran.—Wm. F. Weller. Cap. invested $20,000. Pickwick quarry. Granite. 25,000 ft.; 265 days; 35 employes. Steam.

GRANTSVILLE, Garrett Co. Pop. 276. M.O. Tel. Banking town and Ry. Elklick, 49.
B.Coal—Daniel Baker. (Local.)
B.Coal—Baker Mining Co. (Local.)
B.Coal—Arvon Beachy. (Local.)
B.Coal—D. J. Brenan. (Local.)
B.Coal—Jonas J. Folk. (Local.)
B.Coal—Louis Hacnman. (Local.)
B.Coal—Moses Kemp. (Local.)
B.Coal—Levi Kinsinger. (Local.)
B.Coal—D. Kinsinger. (Local.)
B.Coal—S. S. Miller. (Local.)
B.Coal—Isabella Ridgely. (Local.)
B.Coal—A. J. Stanton. (Local.)
B.Coal—Chas. Warwick. (Local.)
B.Coal—Henry Yost. (Local.)

GREATFALLS, Montgomery Co. Pop. 95. M.O. Banking town and Ry. Washington, D. C., 49; 51.
Gran.—Spence & Coombs. Granite.

GUILFORD, Howard Co. Pop. 230. Ry. Savage, 49. Banking town Laurel.
Gran.—Mathew Gault & Son. Granite.

HAGERSTOWN, Washington Co. Pop. 10,125. M.O. Tel. Ry. 49; 235; 608; 928.
Phos.—Lutz Phosphate Co.

HANOVERVILLE, Howard Co. Pop. 120. Ry. name Hanover, 49. Banking town Laurel.
Iron—F. Daigler.
Iron—Mark Foley.
Iron—John Gordon.
Iron—G. W. Hobbs.
Iron—M. Laffey.
Iron—M. Reynolds.
Iron—Coleman Welch.
Min.Pt.—Wilson & Bro. Mineral paint.
Stone—Samuel Woods.

HOYES, Garrett Co. Pop. 60. Ry. Friendsville, 49. Banking town Oakland.
B.Coal—Thos. Cappett. (Local.)

HYATTSTOWN, Montgomery Co. Pop. 230. Ry. Araby, 49. Banking town Frederick.
Slate—Wm. Williams.

LONACONING, Allegany Co. Pop. 3,990. M.O. Tel. Ry. 232; 330.
B.Coal—American Coal Co.
B.Coal—John Croper. (Local.)
B.Coal—Maryland Coal Co., 1 Broadway, New York. New Detmold, Kingsland, Patton and Appleton mines. Tunnels. 350,000 tons; 401 employes. Steam. Frank E. Brackett, M. E., mine supt.

McHENRY, Garrett Co. Pop. 70. Banking town and Ry. Oakland, 49.
B.Coal—Fred Glotfelty. (Local.)

MARIOTTSVILLE, Howard Co. Pop. 45. Ry. 49.
Stone—Maryland Soapstone Co. Soapstone.

MINERAL SPRING, Garrett Co. Pop. 146. Ry. Selbysport, 49. Banking town Frostburg.
B.Coal—Mrs. Mary Miller. (Local.)
B.Coal—W. Wass & Son. (Local.)

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MUIRKIRK, Prince Georges Co. Pop. 210. Tel. Ry. 49. Banking town Laurel.
Iron—Chas. E. Coffin. Open pit. 4,000 tons. Carbonate. 100 employes.
Iron—Fred Duval. Open pit. Horse. Furnace.
Iron—B. McKey. Open pit.
Iron—R. C. Marlin. Open pit.
Iron—John Millbrook. Open pit.

NEW WINDSOR, Carroll Co. Pop. 420. M.O. Tel. Ry. 928.
Stone—W. A. Chew. Limestone.
Stone—Michael McCaffrey. Limestone.

OAKLAND, Garrett Co. Pop. 1,045. M.O. Tel. Ry. 49.
B.Coal—Wm. Browning. (Local.)
B.Coal—Chauncey Kimmel. Open pit. (Local.)
B.Coal—John Mockin. (Local.)
B.Coal—B. F. Shaffer. Shields Run mine. Slope. (Local.)
B.Coal—T. Sinee. (Local.)

OCEAN, Allegany Co. Pop. 430. M.O. Ry. 232. Banking town Cumberland.
B.Coal—Edward D. Evans. (Local.)

PEKIN, Allegany Co. Pop. 426. Banking town and Ry. Lonaconing, 232; 330.
B.Coal—John & James Ryan. (Local.)
B.Coal—W. Williamson. (Local.)

PERRYVILLE, Cecil Co. Pop. 340. M.O. Tel. Ry. 661; 675. Banking town Havre-de-Grace.
Gran.—Perryville Granite Co. Granite.

PHOENIX, Baltimore Co. Pop. 580. M.O. Tel. Ry. 613. Banking town Cockeysville.
Gran.—Mystic Granite Co. Granite.

PORT DEPOSIT, Cecil Co. Pop. 1,980. M.O. Tel. Ry. 661; 675.
Gran.—W. P. Ewing. Granite.
Gran.—McClenahan & Bro. Granite Co. Granite.
Stone—Port Deposit Stone Co. of Hartford.

SANG RUN, Garrett Co. Ry. Friendsville, 49. Banking town Oakland.
B.Coal—Richard De Witt. (Local.)

SELBYSPORT, Garrett Co. Pop. 200. M.O. Ry. 49. Banking town Oakland.
B.Coal—Wm. H. Frazee. (Local.)

SPARROWS POINT, Baltimore Co. Pop. 2,620. M.O. Tel. Ry. 613. Banking town Baltimore.
R.M.Fur.—Maryland Steel Co. of Baltimore County, Philadelphia.

SUNNYSIDE, Garrett Co. Ry. Oakland, 49.
B.Coal—John Ridler. (Local.)

SYKESVILLE, Carroll Co. Pop. 410. M.O. Tel. Ry. 49. Banking town Mountairy.
Stone—W. F. Miller.

WESTERN PORT, Allegany Co. Pop. 1,528. M.O. Ry. 933. Banking town Piedmont, W. Va.
B.Coal—Atlantic Coal Mines.
B.Coal—Hampshire Coal Co.
B.Coal—A. J. Merrill. Open pit. Horse.

WOODSBORO, Frederick Co. Pop. 1,000. M.O. Tel. Ry. 661. Banking town Frederick.
Gran.—Wm. Valentine. Granite.

WOODSTOCK, Howard Co. Pop. 208 M.O. Tel. Ry. 49. Banking town Ellicott City.
Gran.—Woodstock Granite Co. Granite.

MASSACHUSETTS

AMESBURY, Essex Co. Pop. 9,984. M.O. Tel. Ry. 82.
Lime—H. H. Bean & Son.
Gran.—Pattens Hollow Marble & Granite Co.
Marb.—J. C. Williams. Marble.

AMHERST, Hampshire Co. Pop. 2,962. M.O. Tel. Ry. 82; 136.
Marb.—S. P. Ciutta. Marble.

ARLINGTON, Middlesex Co. Pop. 5,629. M.O. Tel Ry. 82.
C.E.—Frank W. Hodgdon, Civil Engineer.

ASHLEY FALLS, Berkshire Co. Pop. 241. M.O. Tel. Ry. 599.
Marb.—J. W. Cropper. Marble.

ATHOL, Worcester Co. Pop. 5,669. M.O. Tel. Ry. 81; 305.
Sp.St.—Athol Soapstone Co. Soapstone.
Stone—C. L. Goddard.
Stone—A. G. Osgood. Sandstone.
Marb.—Wellman & Blake. Marble.

ATHOL CENTER, Worcester Co. M.O. Tel. Ry. Athol, 81; 305.
Stone—A. F. Fleming.
Stone—I. Merrill.

AYER, Middlesex Co. M.O. Tel. Ry. 82; 305.
Marb.—W. Crombie. Marble.

BEVERLY, Essex Co. Pop. 11,802. M.O. Tel. Ry. 82.
Stone—Isaac Appleton.
Gran.—Connelly Bros. Granite. Steam.
Stone—Thos. Fitzgibon.
Stone—Hiram Kimball.
Gran.—Jas. Welch. Granite.

BOSTON, Suffolk Co. Pop. 500,000. M.O. Tel. Ry. 81; 82; 83; 305; 581; 599.
B.Coal—Alaska Summit Coal Co., 257 Washington st.
Mica—American Mica Co., 62, 620 Atlantic ave.
L.Z.C.—American Zinc-Lead Co., 54 Mason bldg. W. B. Sewell, pres.; W. H. Whitmore, secy.; Herbert Nash, treas.; Dr. F. L. Bartlett, M. E., Canon City, Colo., gen. mgr.; L. E. Franck, buyer. Cap. stk. $500,000, pd. up. Mines at Ivanhoe, N. M., and Salida, Colo.
G.S.—Fred L. Ames, 96 Ames bldg.
Copp.—Arnold Mining Co., 19 Exchange Pl.
Chem.—James F. Babcock, chemical expert. R. 105, 27 School st.
Atty.—H. L. Baker, attorney at law, 317 John Hancock bldg. General practice. Graduate Boston Law School. Practice in all courts. Compiler of Massachusetts laws for the RECORD.
B.Coal—Baker-Hunnewell Co., 20 Exchange Pl.
C.E.—J. G. Barre, Civil Engineer, 27 State st.
B.Coal—Batchelder Bros., 356 Federal st.
Gold—F. B. Beaumont, 50 State st. Mine at Magnolia, Colo.
Mica—Belden Mining Co., 12 Broad st.
Mica—T. E. Belden Mica & Mining Co., 28 School st.
Lime—Berry & Ferguson, 102 State st.
Gold—Black Hills Placer Mining Co., 7 Water st.
G.S.—Black Wonder Gold & Silver Mining Co., 244 Washington st.
Gran.—Bocabec Black Granite Co. Granite. American House.
B.Coal—Theo. Bohanan, 70 Kilby st.
Phos.—Bone Valley Phosphate Co., 209 Washington st. John S. Bleakie, pres.; W. H. Bunton, treas.; L. W. Hastings, gen. mgr. Mine at Bone Valley, Fla.
B.Coal—Borda & Son, 70 Kilby st.
Smlt.—Boston & Colorado Smelting Co., 70 Kilby st.
Gold—Boston & Cripple Creek Gold Mining Co., 31 State st. Samuel Snow, pres.; Fred. Beck, treas.; R. W. Scott, gen. mgr. Cap. stk. $200,000. Mine at Cripple Creek, Colo.
Gold—Boston & Idaho Mining Co., 178 Devonshire st.
S.C.—Boston & Mont. Con. Silver & Copper Mining Co., 199 Washington st.
B.Coal—Boston & Nova Scotia Coal Co., 66 State st.
B.Coal—Boston & Walden Ridge Coal Co., 54 Devonshire st.
Phos.—Estate of William L. Bradley. Mines at Fitzgerald, Fla.
Gran.—Braintree Red Granite Co., 59, 28 State st. B. Marvin Fernald, pres.; Charles B. Perkins, treas., gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Quarry at Quincy.
B.Coal—Broad Cove Coal Co., Ltd., 70 Kilby st. John M. Raymond, Salem, pres.; Alpheus B. Alger, Cam-

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BOSTON—Continued.
bridge, v. pres.; Edgar S. Buffum, Salem, secy.; Wm. Penn Hussey, Danversport, treas., gen. mgr. and buyer. Cap. stk. $3,000,000, pd. up. Mine at Broad Cove, Nova Scotia.
Gold—J. H. Brown.
Ch.M.E.—Arthur Benj. Browne, Chemist and Mining Engineer, 119 Water st.
Man.—Brunswick Manganese Co., 81 Devonshire st. Wales R. Stockbridge, pres. and treas. Mine at St. Martins, N. B.
Copp.—Butte & Boston Mining Co., 199 Washington st.
Copper—Calumet & Hecla Mining Co., 12 Ashburton Pl. Mines at Lake Linden, Mich.
Stone—Cambridge Stone Co., 166 Devonshire st.
Stone—P. J. Campbell & Co., Swett and Reading sts.
Gran.—Cape Ann Granite Co., 40 Water st. Col. Jonas H. French, Bay View, pres.; Geo. E. Craig, Walpole, treas.; Scott Webber, gen. mgr. Cap. stk. $100,000. Quarry at Pigeon Cove.
Stone—J. Carew, 17 Otis st.
Stone—J. F. Carew, 166 Devonshire st.
Gold—Carolina Queen Consolidated Mining Co., John Hancock bldg. Geo. W. Miller, pres.; Chas. M. Bruce, secy., treas. and gen. mgr. Cap. stk. $600,000, pd. up. Mine at Morganton, N. Car.
Lime—T. W. Carter.
Iron—Champion Iron Co., 28 State st. H. H. Fay, pres.; W. B. Bosson, secy.; W. E. Stone, treas. and gen. mgr. Cap. stk. $500,000, pd. up. Mine at Beacon, Mich.
Lime—Cobb Lime Co.
A.Coal—Colonial Mining Co., 53 State st.
G.S.—Come Up Mining Co. of Colorado, 45 Milk st. Hon. H. J. Spooner, pres.; Wm. B. Kollock, v. pres.; H. B. Humphrey, secy. and treas.; D. A. Farrell, gen. mgr. and buyer. Cap. stk. $1,200,000, pd. up. Mine at Sherman, Colo.
G.S.—Copper Falls Mining Co., 19 Exchange Place.
B.Coal—Crook & Perham, 70 Kilby st.
Stone—J. J. Cudihy, 562 Albany st.
Gold—Cumberland & Osceola Gold Mining & Milling Co., 7 Doane st. Wm. J. Rounds, pres.; John B. Parker, secy. and treas.; E. C. Wood, M. E., gen. mgr. and buyer. Cap. stk. $1,000,000, pd. up. Mines at Osceola, Nevada.
Gold—Denver-Summit Gold Mining Co., 19 Pearl st. H. L. Fisk, pres., treas. and buyer; S. W. Hathaway, secy.; W. W. Fisk, M. E., and gen. mgr. Cap. stk. $1,000,000, $500,000 pd. up. Mine on Admiralty Island, Alaska.
Lime—C. A. Dodge & Co., 244 A st.
B.Coal—Dominion Coal Co., Ltd., 95 Milk st.
Copp.—Eastern Development Co., 53 State st. Copper.
Copp.—Eustis Mining Co., 55 Kilby st. Cap. stk. $750,000. Directors, W. E. C. Eustis, Boston; Hugh Cochrane, Boston, and John Blue, Eustis, Que. Mine at Eustis, Que.
B.Coal—Everhart Coal Co., 7 Exchange Pl.
B.Coal—Excelsior Coal Co., 19 Congress st.
Lime—Fiske, Homes & Co., 164 Devonshire st.
Copp.—Franklin Mining Co., 19 Congress st. Copper.
Gran.—Freeport Granite Co., 89 State st.
M.E.Gl.—Winthrop W. Fisk, B. Sc. Mining engineer and geologist, 12 Pearl st. Mining properties examined and reported on.
Gold—Garfield Mining Co.
G.S.—Geyser Mining & Milling Co., 31 Milk st. John H. Norton, pres.; Warren G. Brown, v. pres.; Jas. W. Cartwright, secy. and treas.; C. H. Johnson, gen. mgr. and buyer. Cap. stk. $5,000,000, pd. up. Mine at Silver Cliff, Colo.
Iron—Glandon Iron Co., 18 Post Office Square.
Gold—Golden Ridge Mining Co., 258 Washington st. Hon. Chas. S. Hayden, pres.; Alexander E. Elliott, v. pres.; Geo. F. Clough, secy.; J. Irvin Read, treas.; Wm. F. Burns, gen. mgr. and buyer. Cap. stk. $1,000,000, $300,000 pd. up. Mines at Cripple Creek and Balfour, Colo.
Gran.—Granite Railway Co., 166 Devonshire st. W. B. Sewall, pres.; John W. Leighton, v. pres.; J. Albert Simpson, treas. and buyer. Cap. stk. $250,000, pd. up. Granite. Quarries at Quincy, Mass., and Concord, N. H.
Slate—J. W. Grigg, 24 and 26 Charlestown st.
Stone—H. H. Harvey, 218 Congress st.
Gold—Hecla Gold Mining Co., 178 Devonshire st.
Met.M.E.—H. O. Hofman, E. M., Ph. D. Associate professor Mining and Metallurgy, Massachusetts Institute of Technology.
Gold—Honerine Mining Co., 113 Devonshire st.
C.E.—Albert H. Howland, Civil Engineer, 60 Congress st.

BOSTON—Continued.
G.S.—Humboldt Mining Co, 19 Exchange Place. Gold and silver.
Copp.—Hungarian Copper Co., 68 Devonshire st. Copper.
G.S.C.—Hunt Milling and Mining Co., 5 Broad st. D. F. Hunt, secy. and treas. Cap. stk. $500,000. Mine at Helena Seven Devils, Idaho. Gold, silver and copper. (Developing.)
Copp.—Huron Copper Mining Co., 19 Congress st.
Iron—Imperial Iron Co., 28 State st.
Gold—King Solomon Gold Mining Co., 507 Carter bldg. Jas. M. Solomon, pres.; Leroy S. Carter, v. pres.; Louis F. Ward, treas.; Wm. R. Brown, M. E., gen. mgr. and buyer. Cap. stk. $1,000,000. Mines at Stockbridge, Vt.
Gran.—Lake Champlain Granite Co., 47 Broad st.
B.Coal—Lake Superior S. C. Coal Co., 87 Milk st.
Cemt.—D. W. Lewis, 57 Kilby st. Cement.
Stone—W. S. Lyons, 116 Swett st.
Stone—J. J. McKay, 166 Devonshire st.
Stone—R. McLaughlin, 339 Medford st.
Stone—Maher Bros., 603 Albany st.
Stone—Boston & Massachusetts Stone Co., 235 Franklin st. Bluestone.
Slate—H. H. Mathews, 178 Devonshire st.
Lime—F. A. Merian & Co.
Copp.—Minnesota Mining Co., 19 Congress st. Copper.
Slate—Monson Maine Slate Co., 113 Devonshire st. Quarries at Monson, Me.
Qsr.—Napa Consolidated Quicksilver Mining Co., 70 Kilby st. Jacob Pfaff, pres.; W. B. Buckminster, treas. and gen. mgr. Cap. stk. $500,000, pd. up. Mine at Oathill, Cal.
Lime—W. G. Nash, 220 State st.
G.S.—National Mining Co., 19 Congress st. Gold and silver.
B.Coal—Nevin & Aldin, 125 Milk st.
G.S.—New England Gold & Silver Mining Co., Equitable bldg.
G.S.—New England & Belt Mountain Mining Co., 53 State st. Gold and silver.
Mica—New Hampshire Mica Mining Co., 7 Water st. Alex. H. Libby, pres.; F. J. Ayer, M. E., v. pres.; Chester M. Sprague, secy., treas., gen. mgr. and buyer. Cap. stk. $250,000, pd. up. Mines at Claremont and Newport, N. H.
B.Coal—North Sydney Mining & Transportation Co., Ltd., 45 Kilby st. Mytton Maury, pres. and secy.; John Gruner, treas., gen. mgr. and buyer. Cap. stk. $5,000,000. Mine at North Sydney, Nova Scotia.
Cemt.—Andrew T. Nute, 151 Swett st. Cement.
Gold—Old Provincial Gold Mining Co., 64 Devonshire st.
Copp.—Osceola Con. Mining Co., 199 Washington st. Copper. Mine at Opechee, Mich.
Slate—I. W. Pinkham Co., 17 Milk st.
Cop.G.S.—W. L. Pratt, 88 State st. Copper, gold and silver. Mine at Helena 7 Devils, Idaho.
Stone—Quincy Paving & Edge Stone Co., 17 Otis st.
Met.—Robert H. Richards, Professor of Metallurgy and Mining Engineering, 32 Eliot st.
B.Coal—Richmond Coal Mining Co., 92 State st.
Slate—H. Riley & Son, 98 Beverley st.
Stone—Roxsbury Stone Co., 29 Pemberton Sq.
Stone—R. I. Rutherford, 166 Devonshire st.
Phos.—St. Helena Phosphate Co., 22 Broad st. W. E. Stowe, pres.; Wm. S. Benedict, treas.; Geo. W. Roberts, gen. mgr. and buyer. Cap. stk. $600,000. Mine at Beaufort, S. C.
Copp.—St. Louis Copper Co., 68 Devonshire st.
Copp.—Santa Fe Copper Co., 68 Devonshire st.
C.I.—Santa Rita Copper & Iron So., 70 Kilby st.
As.Ch.—Stephen P. Sharples, S. B., Assayer and Chemist, 13 Broad st.
Gran.—H. E. Sheldon & Co., 31 Pemberton Sq. Granite.
G.S.C.—South Peacock Mining Co., 88 State st. T. S. Wentworth, pres.; Wm. L. Pratt, secy.; T. F. Smith, treas. Cap. stk. $500,000. Copper, gold and silver mine at Helena 7 Devils, Idaho. (Developing.)
Silv.—C. M. Sprague and others, 7 Water st. Silver. Mine at Silverton, Colo.
B.Coal—Spring Hill Coal Co., 103 State st.
Stone—Stilwell & Schaeffer, 47 Swett st.
Roll.M.—Sylvester & Co., 8 Oliver st.
Copp.—Tamarack Junior Mining Co., 199 Washington st. A. S. Bigelow, pres.; Thos. Nelson, secy. and treas.; W. E. Parnall, gen. mgr. and buyer. Copper. Mine at Calumet, Mich.
Copp.—Tamarack Mining Co., 199 Washington st. Copper. Mine at Lake Linden, Mich.
Cemt.—Gustav Tegeler, 561 Columbus ave. Cement.
Phos.—United States Phosphate Co., 53 State st. B. C. Leonard, pres.; Franklin P. Owen, v. pres.; W. S. Cogswell, secy., treas., gen. mgr. and buyer. Cap. stk. $1,000,000, $360,000 pd. up. Mine at Acme, Fla.
Mica—Valencia Mica Co., Groton, N. H. Under lease to the American Mica Co., 620 Atlantic ave.
Stone—S. W. Valentine, 4 P. O. Sq.
Ochre—Vineyard Ochre Co., 26 India st.
Cemt.—Waldo Bros., 88 Water st. Cement.
Stone—Walsh & Hughes, Farnham and Reading sts.
Gold—West End Gold Mining Co., 244 Washington st.

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BOSTON—Continued.
Gran.—Westport Granite Co. F. B. Holder, pres. Quarry at Westport, N. Y.
Stone—Geo. W. White, 166 Devonshire st.
Cemt.—Geo. H. Wood Co., 15 Court Square.

BOURNE, Barnstable Co. Pop. 200. M.O. Tel. Ry. 599. Banking town Wareham.
C.E.—Edward S. Ellis, Civil Engineer.
C.E.—F. O. Smith, Civil Engineer.

BOYLSTON, Worcester Co. Pop. 200. Ry. 82. Banking town Clinton.
Gran.—Poole's Granite & Marble Co., 170 Main st., Clinton. Granite quarry.

BRADFORD, Essex Co. Pop. 3,500. M.O. Tel. Ry. 82. Banking town Haverhill.
Stone—Weeks, Cummings & Co.

BRIDGEWATER, Plymouth Co. M.O. Tel. Ry. 599.
Roll.M.—Bridgewater Iron Co.

BROCKTON, Plymouth Co. Pop. 3,400. M.O. Tel. Ry. 599.
Marb.—Fred Hansen. Marble.

BROWNS, Plymouth Co. P.O. Whitman. Ry. 599.
Stone—I. Raymond.

CALUMET, Barnstable Co. P.O. and Ry. Pocasset, 599.
Marb.—A. P. Davis. Marble.

CAMBRIDGE STATION, E. Boston P.O., Middlesex Co. Pop. 81,519. M.O. Tel. Ry. 305.
Marb.—J. McNamee. Marble.
Marb.—G. R. Sands. Marble.

CAMBRIDGEPORT STA., E. Boston P.O. Middlesex Co. M.O. Tel. Ry. 305.
Stone—Charles River Stone Co.
Gran.—Austin Ford. Granite.
Lime—G. W. Gale Lumber Co.
Gran.—J. Harrington & Son. Granite.
Stone—New England Stone Co.

CANTON, Norfolk Co. M.O. Tel. Ry. 599.
Roll.M.—Kinsley Iron & Machy. Co.

CHARLTON, Worcester Co. M.O. Tel. Ry. 81. Banking town Spencer.
Gran.—Lamson, Woodbury & Co. Granite.

CHELMSFORD, Middlesex Co. M.O. Tel. Ry. 599. Banking town Lowell.
Stone—J. M. Butman.

CHELSEA (Station H, Boston P.O.), Suffolk Co. Pop. 31,000. M.O. Tel. Ry. 81; 82.
Stone—D. C. Davis & Son.
Marb.—E. P. Knolton. Marble.
Lime—S. S. Turkey & Co.

CHESHIRE, Berkshire Co. Pop. 850. M.O. Tel. Ry. 81. Banking town Pittsfield.
Stone—A. S. Farnam & Bro.

CHESTER, Hampden Co. M.O. Tel. Ry. 81. Banking town Westfield.
Cor.—Hampden Emery & Corundum Co.
Gran.—Timothy Keefe. Granite.

CHESTERFIELD, Hampshire Co. M.O. Ry. Williamsburg, 599. Banking town North Hampden.
Stone—Andrew Willcut.

CHICOPEE, Hampden Co. Pop. 16,427. M.O. Tel. Ry. 82.
Stone—D. Lynch.

CLINTON, Worcester Co. Pop. 11,500. M.O. Tel. Ry. 82; 599.
Gran.—Creeron Bros. Granite.
Gran.—Poole's Granite & Marble Co., 170 Main st. H. E. Poole, gen. mgr. Granite. Quarry at Boylston.

CONCORD, Middlesex Co. Pop. 3,950. M.O. Tel. Ry. 82; 305.
Stone—Jeremiah Sheehan. Greystone. Mill.

COTTAGE CITY, Dukes Co. Pop. 1,050. M.O. Tel. Ry. 503b. Banking town Bakertown.
Lime—H. L. Norton & Co.
Lime—J. W. Swift.
Stone—Vineyard Grove Co.

CUMMINGTON, Hampshire Co. M.O. Ry. Williamsburg, 599. Banking town Pittsfield.
Stone—Rich'd Maloney.
Stone—Pike Manufacturing Co., Pike Sta., N. H. Pike quarry. Sandstone.

DENNIS, Barnstable Co. M.O. Tel. Ry. Yarmouth, 599.
Stone—David Howes.

DOVER, Norfolk Co. Pop. 672. M.O. Ry. 581.
Stone—G. B. Welsh.
Stone—W. T. Welsh.

EAST BRIDGEWATER, Plymouth Co. M.O. Tel. Ry. 599.
Lime—Z. Jenkins.

EAST CAMBRIDGE, Middlesex Co. M.O. Tel. Ry. 81; 82.
Gran.—A. Parker Estate. Granite.

EAST DOUGLASS, Worcester Co. Pop. 800. M.O. Tel. Ry. 581.
Stone—John Helton, Jr.

EAST FREETOWN, Bristol Co. Pop. 417. Tel. Ry. 599.
Gran.—Wm. Doran & Son, 31 S. Ash st., New Bedford. East Freetown quarry. 2,200 tons; 200 days; 23 employes. Stone mill, 115 ft. daily capacity. Plaster mill, 11 tons daily capacity. Wm. Doran, quarry supt.

EAST LONG MEADOW, Hampden Co. Pop. 1,608. M.O. Tel. Ry. 581. Banking town Springfield.
Stone—Thos. Burton & Co. Thos. Burton, pres., secy., treas., gen. mgr. and buyer; Frank Burton, M. E., v. pres. and supt. Sandstone. 10,000 ft.; 300 days; 15 employes. Steam. Stone mill, 800 ft. daily capacity.
Stone—Durantayr & Rankin. Sandstone.
Stone—M. A. Glynn. Cap. $5,000. Sandstone. 10,000 ft.; 250 days; 8 employes. Steam.
Stone—William Mitchell, 37 Girard ave., Springfield. Granger quarry. Red sandstone, 12,000 cu. ft. Steam.
Stone—A. D. Stone & Co., 233 Liberty st., Springfield. Sandstone. Steam.
Gran.—Swan & Robinson. Granite.

EAST MILTON; Norfolk Co. Ry. 599.
Gran.—Watson & Gallagher. Granite.

EASTON, Bristol Co. Pop. 3,975. M.O. Ry. 599. Banking town N. Easton.
C.E.—Edward B. Hayward, Civil Engineer.

EAST PEPPERELL.
Lime—H. A. & B. E. Parker.

EDGARTOWN, Dukes Co. M.O. Tel. Ry. 503b.
Stone—Chappaqudic Co.

ENFIELD, Hampshire Co. Pop. 325. M.O. Tel. Ry. 81.
Stone—G. W. Gardiner.

ERVING, Franklin Co. Pop. 875. M.O. Tel. Ry. 305. Banking town Orange.
Stone—John Frawley.

ESSEX, Essex Co. M.O. Tel. Ry. 82. Banking town Gloucester.
Stone—G. W. Claebron.

FALLRIVER, Bristol Co. Pop. 88,020. M.O. Tel. Ry. 599.
Gran.—Wm. Beattie, Quarry st. Cap. $40,000. Gray granite. 30,000 tons. Steam.
Stone—W. W. Chase.
Gran.—Durkin & Co. Granite.
Gran.—Fall River Granite Co. Granite.
Lime—H. C. Hawkins.
Gran.—T. R. Kessell. Granite.
Gran.—Estate of Alexander Lawson. Granite.
Gran.—I. Picard. Granite.
Stone—C. H. Sears.
Stone—J. B. Wilmot.

FALMOUTH, Barnstable Co. Pop. 2,500. M.O. Tel. Ry. 599.
Stone—Andrew Davis.
Stone—L. L. Fish.

FITCHBURG, Worcester Co. Pop. 27,000. M.O. Tel. Ry. 305; 599.
Gran.—Edward Connor. Granite.
Gran.—Frederick & Hale. Granite.
Gran.—Henry Godbeer, River st. Granite. 285 days; 3 employes.
Gran.—F. A. Hale. Granite.
Gran.—Hartwell & Reed. Granite.
Gran.—Kane & Leary. Granite.

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FITCHBURG—Continued.
Gran.—Litchfield Bros., 437 Main st. Fitchburg granite quarry. 275 days; 40 employes. Steam.
Gran.—S. P. Litchfield. Granite.
Gran.—J. McAuliff. Granite.
Gran.—F. A. McCauliff & Co. Granite.
Gran.—G. A. Tennell, 5 Hazel st. Rollstone quarry. Granite. Steam.
Gran.—Terrill & French. Capital, $5,000. Rollstone Hill quarry. Granite. 100 tons daily; 285 days; 30 employes. Steam.

FOXBORO, Norfolk Co. Pop. 1,800. M.O. Tel. Ry. 599.
Stone—P. A. White.

FRANKLIN, Norfolk Co. Pop. 4,831. M.O. Tel. Ry. 581.
C.M.E.—S. C. Taft, Civil and Mining Engineer.

FREETOWN, Bristol Co. Pop. 1,000. M.O. Ry. 599. Banking town Fallriver.
Stone—A. B. Hathaway.

GLOUCESTER, Essex Co. Pop. 28,000. M.O. Tel. Ry. 82.
Gran.—Wm. Cheves. Granite.
Gran.—Asa Hood. Granite.
Gran.—Patrick Kennedy. Granite.
Gran.—Francis Reid, 5 High st. Granite.
Gran.—Ezra Sherburne, 37 Langsford st. Granite.

GOSHEN, Hampshire Co. Pop. 75. Ry. Williamsburg, 599. Banking town Haydenville.
Stone—A. B. Loomis.

GRANITEVILLE, Middlesex Co. M.O. Tel. Ry. 82.
Gran.—C. M. Cummings. Granite.
Gran.—Samuel Fletcher. Granite.
Gran.—L. P. Palmer. Granite.
Gran.—Noah Prescott & Co. Granite.
Gran.—Geo. Reed. Granite.
Gran.—Wm. Reed. Granite.
Gran.—H. D. Wright. Granite.

GREENFIELD, Franklin Co. Pop. 5,252. M.O. Tel. Ry. 82; 205.
Gran.—Lorenzo Park. Granite.
Marb.—A. A. Rankin. Marble.

HANSON, Plymouth Co. Pop. 422. M.O. Tel. Ry. Whitman, 599. Banking town Abington.
Stone—L. H. Hammond.

HARWICK, Barnstable Co. Pop. 2,704. M.O. Tel. Ry. 599.
Gran.—Henry F. Crossby. Granite.

HAVERHILL, Essex Co. Pop. 30,185. M.O. Tel. Ry. 82.
Lime—Sargent & Holden.

HOLBROOK, Norfolk Co. M.O. Tel. Ry. 599. Banking town Randolph.
Stone—L. F. Belcher.

HOLLISTON, Middlesex Co. Pop. 2,619. M.O. Tel. Ry. 81.
Gran.—Daniel Phipps. Granite.

HOLYOKE, Hampden Co. Pop. 41,000. M.O. Tel. Ry. 82; 599.
Stone—Bosworth & Co.
Marb.—F. X. Danserman. Marble.
Stone—P. F. Meade.

HOPKINTON, Middlesex Co. Pop. 3,000. M.O. Tel. Ry. 581.
Marb.—J. F. Slater. Marble.

HOUSATONIC, Berkshire Co. Ry. 599. Banking town Great Barington.
Marb.—F. E. Brown. Marble.

HUDSON, Middlesex Co. Pop. 4,650. M.O. Tel. Ry. 82; 305.
Lime—E. A. Jones.

HYANNIS, Barnstable Co. Pop. 1,950. M.O. Tel. Ry. 599.
Lime—B. F. Crocker.
Lime—J. K. & B. Sears Co.

IPSWICH, Essex Co. M.O. Tel. Ry. 82.
Stone—Barton & Williams.

LANESBORO, Berkshire Co. Pop. 172. M.O. Tel. Banking town and Ry. Pittsfield, 81; 599.
B.Fur.—Lanesborough Furnace.

LANESVILLE, Essex Co. M.O. Tel. Ry. Gloucester, 82.
Gran.—W. P. Baker. Granite.
Gran.—Hy. Barker & Sons. Granite.
Stone—Wm. Barker.

LANESVILLE—Continued.
Gran.—Dan'l Cahill. Granite.
Gran.—Chas. Guidet. Granite.
Gran.—Lanesville Granite Co. Granite.
Gran.—Henry Mooring. Granite.
Gran.—J. J. Vernon. Granite.
Gran.—Wilson & Rowley. Granite.

LAWRENCE, Essex Co. Pop. 53,000. M.O. Tel. Ry. 82.
Marb.—M. Bolduc. Marble.
Stone—H. Bruckman & Co.
C.E.—Chas. H. Littlefield, Civil Engineer, 83 Farnham st.
Gran.—Locke & Jones. L. E. Locke, treas.; W. J. Jones, buyer. Lawrence Ledge quarry. Granite. 250 days; 35 employes. Steam.
Stone—J. Reardon.

LEE, Berkshire Co. Pop. 3,785. M.O. Tel. Ry. 599.
Marb.—Gross Bros. Marble.

LEXINGTON, Middlesex Co. Pop. 1,000. M.O. Tel. Ry. 82.
Stone—Otis Harrington.

LONG MEADOW, Hampden Co. Pop. 570. M.O. Tel. Ry. 599. Banking town Springfield.
Gran.—Chas. Barton. Granite.

LONG PLAIN, Bristol Co. Pop. 100. M.O. Tel. Ry. Acushnet, 599.
Stone—L. T. Jennings.

LOWELL, Middlesex Co. Pop. 85,000. M.O. Tel. Ry. 82; 599.
Gran.—G. E. Dillingno. Granite.
Gran.—Lewis D. Gumb, 914 Gorham st. Cap. invested $20,000. Granite. Quarry at Madison, N. H.
Gran.—C. G. Laurin. Granite.
Marb.—Jas. Mahan. Marble.
Gran.—Chas. Runnels. Granite.
Stone—T. H. Spencer.
Gran.—Sweatt & Davis. Granite.

LYNN, Essex Co. Pop. 62,355. M.O. Tel. Ry. 82; 83.
Gran.—Blethen Curry & Co., 1 Box Place. Olive Crystal quarry. Granite. 15 employes. Steam. E. M. Curry, quarry supt.
C.E.—Isaac K. Harris, Civil Engineer.
Lime—New England & Southern Land Co.
Stone—Shea & Donnelly. Freestone.

LYNNFIELD, Essex Co. M.O. Tel. Ry. 82. Banking town Peabody.
Gran.—T. R. Newhall, Wakefield. Lynnfield Granite Works.

MALDEN, Middlesex Co. Pop. 29,706. M.O. Tel. Ry. 82.
Stone—Buckley & McCormack.
Stone—M. McDonough.

MANCHESTER, Essex Co. Pop. 1,479. M.O. Tel. Ry. 82. Banking town Beverly.
Stone—John Lendall.

MARION, Plymouth Co. Pop. 427. M.O. Tel. Ry. 599. Banking town Wareham.
Stone—C. A. Hammond.
Stone—S. G. Medall.
Stone—G. B. Nye.

MATTAPOISETT, Plymouth Co. Pop. 600. M.O. Tel. Ry. 599. Banking town New Bedford.
Stone—Stephan Merrihew.
Stone—E. R. Snow.

MEDFORD, Middlesex Co. Pop. 14,480. M.O. Tel. Ry. 82. Banking town Boston.
Stone—Martin Hawkins, 20 Paris st. Fulton quarry.

METHUEN, Essex Co. Pop. 4,820. M.O. Tel. Ry. 82.
Lime—S. K. Nomell.
Gran.—Smith & Mahoney. Granite.

MIDDLEBORO, Plymouth Co. Pop. 4,220. M.O. Tel. Ry. 599.
Marb.—D. S. Luny. Marble.

MILFORD, Worcester Co. Pop. 8,960. M.O. Tel. Ry. 81; 342; 581.
Stone—H. H. Barber.
Gran.—Darling Bros., 42 E. Worcester st. Granite. Horse.
Gran.—Milford Granite Co. Granite.
Gran.—Milford Pink Granite Co., 166 Devonshire st., Boston. Milford quarry. Pink granite. Steam.
Gran.—Ross Granite Co. Granite.
Gran.—Peter Ross, Box 792. Granite. Horse.
Gran.—Timothy Shea, Cedar st. Steam.
Gran.—John Sherman. Granite.
Gran.—T. N. Sherman. Granite.
Gran.—Wm. Sherman. Granite.

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MILTON, Norfolk Co. Pop. 4,350. M.O. Tel. Ry. 599.
Cemt.—Thos. Edwards. Cement.
Gran.—H. J. Rice. Granite.

MONSON, Hampden Co. Pop. 3,720. M.O. Tel. Ry. 136.
Gran.—W. N. Flynt Granite Co., N. High st. W. N. Flynt, pres.; L. C. Flynt, secy.; Geo. C. Flynt, treas.; M. F. Moore, gen. mgr. and buyer. Cap. stk. $100,000, pd. up. Granite. 150,000 ft.; 300 days; 150 employes. Steam. Operate 2 miles of ry., 1 locomotive, 20 cars.
Gran.—Monson Granite Co. Granite.

MONTAGUE, Franklin Co. Pop. 1,120. M.O. Tel. Ry. 136; 305. Banking town Greenfield.
Gran.—Turners Falls Co. Granite.

MOUNT BLUE, Plymouth Co. Ry. Greenbush, 599.
Stone—D. D. Sprague.

NANTUCKET, Nantucket Co. Pop. 3,019. M.O. Tel. Ry. 567.
Stone—Surf Side Land Co.

NASHOBA, Middlesex Co. Pop. 54. Ry. 599.
Stone—Adolph J. Tetro.

NATICK, Middlesex Co. Pop. 8,950. M.O. Tel. Ry. 81.
C.E.—Willard W. Wight, Civil Engineer, 140 Bacon st.

NEW BEDFORD, Bristol Co. Pop. 55,258. M.O. Tel. Ry. 599.
Gran.—John Bertram & Co. Granite.
Gran.—Wm. Doran & Son, 31 S. Ash st. S. W. Doran, secy. and treas.; Wm. Doran, gen. mgr. and buyer. Cap. invested $10,000. Quarry at East Freetown.
Gran.—P. F. Drew. Granite.
Stone—John McCue.
Marb.—A. Moore & Co. Marble.
Stone—A. Rogers, 264 Pleasant st. Freestone quarry. Steam.

NEWBURYPORT, Essex Co. Pop. 14,680. M.O. Tel. Ry. 82.
Gran.—D. Canning. Granite.
Marb.—D. M. French. Marble.
Gran.—J. Littlefield & Son. Granite.

NORTH ACTON, Middlesex Co. Pop. 118. Ry. 82; 599.
Gran.—D. C. Harris. Granite.
Stone—Thos. McCarthy.
Gran.—North Acton Granite Co.
Gran.—Sullivan, Prescott & Harris. Granite.

NORTH ADAMS, Berkshire Co. Pop. 20,200. M.O. Tel. Ry. 81; 305.
Marb.—A. B. Hosley. Marble.
Marb.—Pike & French. Marble.
Marb.—E. A. Rand & Son, 30 Ashland st. Cap. $25,000. Natural Bridge quarry. Marble. 500 tons; 280 days; 5 employes. Steam and water. John Kimball, quarry supt.
Stone—Whitney Bros.

NORTHAMPTON, Hampshire Co. Pop. 17,768. M.O. Tel. Ry. 82; 599.
Marb.—George N. Miles. Marble.

NORTHBRIDGE, Worcester Co. Pop. 4,715. Tel. Ry. 599. Banking town Whitingsville.
Gran.—Samuel Fowler. Granite.
Gran.—Sam'l Fowler, Jr. Granite.

NORTH CHELMSFORD, Middlesex Co. M.O. Tel. Ry. 82.
Stone—C. H. Dutton.
Stone—Leahy Bros.
Gran.—John Marrinell. Granite.

NORTHFIELD, Franklin Co. M.O. Tel. Ry. 136. Banking town Greenfield.
Stone—J. F. Allen.
Stone—H. N. F. Marshall.

NORTH STOUGHTON, Norfolk Co. Pop. 25. Ry. 599.
Stone—Edward Hobbs.

NORTH TISBURY, Dukes Co. Pop. 260. Tel. Ry. Cottage City, 503b.
Marb.—H. H. Norton. Marble.

NORTH UXBRIDGE, Worcester Co. Pop. 660. M.O. Ry. Whitinsville, 599.
Gran.—B. J. Blanchard. Quarry at Uxbridge.

NORWELL, Plymouth Co. Pop. 1,690. M.O. Ry. Greenbush, 599.
Gran.—R. P. Briggs. Granite.

ORANGE, Franklin Co. Pop. 3,920. M.O. Tel. Ry. 305.
Stone—F. P. Gibbs.
Stone—Chas. Potter.
Stone—Amos Williams.

PALMER, Hampden Co. Pop. 2,320. M.O. Tel. Ry. 81; 136.
Marb.—Chas. White. Marble.

PEABODY, Essex Co. Pop. 10,520. M.O. Tel. Ry. 82.
Stone—Lewis Brown.
Stone—C. W. & G. W. Davis.
Gran.—John Linehan. Granite.
Gran.—H. A. Newhall. Granite.
Gran.—Railway Granite & Marble Works.
Gran.—Horace M. Scott. Granite.

PELHAM, Hampshire Co. Pop. 169. Ry. Amherst, 82; 136.
Gran.—Cadwell & Gaylord. Granite.
Gran.—John Shaw's Sons. Granite.
Gran.—John Ward. Granite.
Gran.—Jos. G. Ward. Granite.

PIGEONCOVE, Essex Co. M.O. Tel. Ry. Rockport, 82. (See also Rockport.)
Gran.—Ballou & Mason. Granite.
Gran.—Edward Canney. Granite.
Gran.—Cape Ann Granite Co., 40 Water st., Boston. Cape Ann quarry. 150,000 tons; 300 days; 150 employes. Steam. Operate 3 miles ry., 1 locomotive, 12 cars, 1 steamer, 5 sailing vessels. Scott Webber, quarry supt.
Gran.—James Edmunds. Granite.
Gran.—M. G. Littlefield. Granite.
Gran.—Lurney & Littlefield. Granite.
Gran.—N. E. Mayo. Granite.
Gran.—H. A. Story. Granite.
Gran.—Uniah & Co. Granite.
Gran.—S. N. Waite & Son. Granite.

PITTSFIELD, Berkshire Co. Pop. 20,560. M.O. Tel. Ry. 81; 599.
Marb.—F. O. Andrus. Marble.
Marb.—John Devanney. Marble.
Stone—Fuller & Maslen.

PLYMOUTH, Plymouth Co. Pop. 8,320. M.O. Tel. Ry. 599.
Gran.—R. Clarke. Granite.
Roll.M.—Robinson Iron Co. Nail and tack plate.

PRESCOTT, Hampshire Co. Pop. 42. Ry. Greenwich, 81. Banking town Orange.
Stone—O. A. Titus.

PROVINCETOWN, Barnstable Co. Pop. 4,720. M.O. Tel. Ry. 599.
Gran.—R. Nickerson. Granite.

QUINCY, Norfolk Co. Pop. 21,000. M.O. Tel. Ry. 599.
Gran.—Adams Granite Co., Penn st. Granite. Mill. Steam.
Gran.—A. W. Ayers & Son, West Quincy. Granite.
Gran.—H. S. Barnicoat. Granite.
Gran.—Edward Baker. Granite.
Gran.—Wm. P. Barker. Granite.
Gran.—Blue Hill Granite Co. Jas. F. Desmond, pres., gen. mgr. and buyer; Thos. McDonell, v. pres.; Andrew Milne, secy.; H. E. Spear, treas. Cap. stk. $20,000, pd. up. Blue Hill quarry. 60,000 cu. ft.; 300 days; 25 employes. Steam.
Gran.—Braintree Red Granite Co., 28 State st., Boston. Braintree Red Granite quarry. Red granite. Steam. Two miles cableway. Geo. Billings, quarry supt.
Gran.—Churchill & Hitchcock. Granite.
Gran.—John Cole. Granite.
Gran.—Craig & Richards Granite Co., South Quincy. Mount Ararat quarry. Dark and light granite. Mill. Steam.
Gran.—Deacon Bros., South Quincy. Granite.
Gran.—Lewis Dell & Co. Granite.
Gran.—Driscoll, Bradley & Co. Granite.
Gran.—Elcock & Sons, Willard st. (J. H. and G. F. Elcock.) Granite. Quarry at West Quincy.
Gran.—Andrew Erickson. West Quincy. Granite.
Gran.—John Fallon & Sons. Granite.
Gran.—Thos. Farrell. Granite.
Gran.—Fegan & Ballow. Granite.
Gran.—Field & Wild. Granite.
Gran.—Frederick & Field. Granite.
Gran.—Galvin Granite Co. Granite.
Gran.—Glencoe Granite Co., South Quincy. Granite.
Gran.—Granite Railway Co., 166 Devonshire st., Boston. Railway quarry. Blue granite.
Gran.—C. H. Hardwick & Co. Granite. Mill. Steam.
Gran.—F. Hardwick & Son. Granite.
Gran.—D. Hayes & Son., W. Quincy. Granite.
Gran.—Geo. H. Hitchcock & Co. Hitchcock's quarry. 8,000 tons; 40 employes. Steam.
Gran.—P. F. Hughes & Son, W. Quincy. Granite. Mill.
Gran.—Igo & Warner Granite Co., South Quincy. Granite.

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QUINCY—Continued.
Gran.—Charles Johnson. Granite.
Gran.—John Jones. Granite.
Gran.—Jones & Desmond, S. Quincy. Granite.
Gran.—Joss Bros. Co. Granite.
Gran.—Long & Saunders, South Quincy. Granite.
Gran.—McDonald & Turner, West Quincy. Granite.
Gran.—McDonnell & Sons. Granite.
Gran.—McDougall Bros. Granite.
Gran.—McGilvray & Jones, South Quincy. Granite.
Gran.—McGrath Bros., South Quincy. Granite.
Gran.—McKinzie & Patterson. Granite.
Gran.—Mainati Bros. Granite.
Gran.—Manet Granite Co. Granite.
Gran.—A. Marnock & Co. Granite.
Gran.—J. Masson & Co. Granite mill.
Gran.—Mathews & Baker. Granite.
Gran.—Merry Mount Granite Co., 68 Water st. M. B. Geary, pres.; John Sullivan, secy.; John C. Kapples, treas.; P. W. Driscoll, gen. mgr. and buyer. Cap. stk. $20,000. Merry Mount quarry. 20,000 ft.; 300 days; 45 employes. Steam. Andrew Olson, quarry supt.
Gran.—Miller & Luce, West Quincy. Granite.
Gran.—Milne, Chalmers & Co., South Quincy. Granite. Granite mill. Steam.
Gran.—Mitchell Granite Works, South Quincy. Granite mill. Steam.
Gran.—Moore & Turner. Granite.
Gran.—Mt. Vernon Granite Co. Granite.
Gran.—Nicholls Granite Works, South Quincy. Granite.
Gran.—Thos. P. Owens & Son. Granite.
Gran.—Prout Bros. Granite Co. Granite.
Gran.—E. J. Qualey & Co., South Quincy. Granite.
Gran.—W. T. Spargo. Granite.
Gran.—Swingle & Falconer. Alex. Falconer, pres.; J. Swingle, secy. and treas. Granite. 295 days; 30 employes. Steam.
Gran.—Swithin Bros. Cap. invested $30,000. Granite.
Gran.—Thomas & Miller, South Quincy. Granite.
Gran.—J. Thompson & Son. Granite.
Gran.—Joseph H. Vogel, South Quincy. Granite.
Gran.—E. C. Willison. Granite.
Gran.—Chas. Wilson. Granite.
Gran.—John Wilson. Granite.

RANDOLPH, Norfolk Co. M.O. Tel. Ry. 599.
Gran.—S. B. Corliss. Randolph quarry. Granite.
Gran.—R. D. Shanahan. Granite.

RICHMOND FURNACE, Berkshire Co. Pop. 310. Tel. Ry. 81. Banking town Pittsfield.
Iron—Pomeroy Mining Co. Mine at West Stockbridge.
Iron—Richmond Iron Works. Geo. Church, pres.; M. H. Robbins, v. pres.; John H. C. Church, secy.; R. A. Burget, treas., gen. mgr. and buyer. Cap. stk. $54,000, pd. up. Cone mine. Slope, 250 ft. Brown hematite. 16,000 tons; 300 days; 50 employes. Steam.
B.Fur.—Furnace, 15 tons daily capacity.

ROCKLAND, Plymouth Co. Pop. 4,780. M.O. Tel. Ry. 599.
Marb.—Estate W. H. Fitzgerald. Marble.

ROCKPORT, Essex Co. Pop. 4,090. M.O. Tel. Ry. 82. (See also Pigeon Cove.)
Gran.—Lanesville Granite Co. Granite.
Gran.—Pigeon Hill Granite Co. Granite. Mill. Steam.
Gran.—Rockport Granite Co. Granite.

ROWE, Franklin Co. Pop. 490. M.O. Tel. Ry. Zoar, 305. Banking town Shelburne Falls.
Iron—Davis Sulphur Ore Co., Davis. Shaft. Steam.

ROYALSTON, Worcester Co. Pop. 440. M.O. Ry. 305. Banking town Winchendon.
Stone—Chas. Gront.

SALEM, Essex Co. Pop. 35,460. M.O. Tel. Ry. 82.
Gran.—Nathan T. Clark. Granite.
Gran.—Charles E. Curtiss. Granite.
Gr.Mb.—Frankland Marble & Granite Works.
Gran.—O'Rourke Bros., 76 Union st. Granite.
Gran.—J. P. Penball. Granite.

SHARON, Norfolk Co. M.O. Tel. Ry. 599. Banking town Canton.
Stone—John Moyle.

SHEFFIELD, Berkshire Co. Pop. 590. M.O. Tel. Ry. 599. Banking town Great Barrington.
Stone—James Gill.

SHELBURNE FALLS, Franklin Co. Pop. 2,290. M.O. Tel. Ry. 305; 599.
Gran.—Ambrose Gillman. Granite.
Gran.—G. G. Merrill. Granite.

SOMERSET, Bristol Co. Pop. 1,300. M.O. Tel. Ry. 599. Banking town Taunton.
Roll.M.—Mount Hope Iron Co. Nail and tack plate and bar iron.

SOUTH DARTMOUTH, Bristol Co. Pop. 560. M.O. Tel. Ry. New Bedford, 599.
Salt—Nathaniel Howland.

SOUTH NATICK, Middlesex Co. Pop. 1,300. M.O. Tel. Ry. Natick, 81.
Cemt.—Boston Rubble and Cement Co.

SPRINGFIELD, Hampden Co. Pop. 51,890. M.O. Tel. Ry. 81; 82; 581; 599.
Stone—J. P. Falt & Co.
Stone—James & Marra.
Gran.—E. A. Lawler. Granite.
Stone—William Mitchell, 37 Girard ave. Sandstone quarry at E. Longmeadow.
Marb.—Chas. Short. Marble.
Stone—A. D. Stone & Co., 233 Liberty st. Sandstone quarry at East Longmeadow.
Stone—Wright, Lyons & Co., 13 Cooley Block.

STOUGHTON, Norfolk Co. M.O. Tel. Ry. 599. Banking town Canton.
Stone—Myron Gilbert.
Stone—C. W. Long.

SWANSEA, Bristol Co. Pop. 1,420. Ry. and Banking town Fallriver, 599.
Stone—W. J. Brightman & Co.

TAUNTON, Bristol Co. Pop. 28,000. M.O. Tel. Ry. 599.
Gran.—John B. Sullivan. Granite.
Copp.—Taunton Copper Mfg. Co. Copper, brass and zinc sheet.

TOWNSEND, Middlesex Co. M.O. Tel. Ry. 305.
Stone—W. E. Sherrin.
Stone—S. A. Tyler.

TYNGSBORO, Middlesex Co. Pop. 212. M.O. Tel. Ry. 82. Banking town Lowell.
Stone—Walter Brown.
Stone—M. Knight.

UXBRIDGE, Worcester Co. Pop. 1,130. M.O. Tel. Ry. 599.
Gran.—B. J. Blanchard, North Uxbridge. Granite. 10,000 tons; 300 days; 80 employes. Steam.

WALTHAM, Middlesex Co. Pop. 20,920. M.O. Tel. Ry. 82; 305.
Mb.Gr.—Cox & Keane. Marble and granite.

WARE, Hampshire Co. Pop. 6,800. M.O. Tel. Ry. 81; 82.
Gran.—P. P. Nelligen. Granite.

WAREHAM, Plymouth Co. Pop. 900. M.O. Tel. Ry. 599.
Roll.M.—George F. Blake, Jr. J. H. Warr, gen. mgr. Cap. $50,000. Franconia Iron and Steel Works. Six double puddling and 4 heating furnaces. Three trains rolls, one 18-in., one 16-in. and one 8-in. 6,500 tons bar iron; 150 employes. Steam.
Roll.M.—Franconia Iron & Steel Works.

WEBSTER, Worcester Co. Pop. 7,050. M.O. Tel. Ry. 81; 581.
Stone—Arthur T. Hiscox.
Marb.—Love Bros. Marble.

WELLFLEET, Barnstable Co. M.O. Tel. Ry. 599.
C.E.—George F. Wyer, Civil Engineer.

WENDELL, Franklin Co. Ry. 305.
Stone—Jerome Cutter.
Stone—Alfred Kelzar.

WESTFARMS, Hampshire Co. Banking town and Ry. Northampton, 82; 599.
Stone—Stockwell Quarry.

WESTFIELD, Hampden Co. Pop. 10,600. M.O. Tel. Ry. 81; 599.
C.E.Sur.—Claude A. Magill, Civil Engineer and Surveyor, 3 Masonic blk.
C.E.Sur.—Lucius F. Thayer, Civil Engineer and Surveyor, 3 Masonic blk.

WESTFORD, Middlesex Co. M.O. Ry. 82. Banking town Lowell.
Stone—H. E. Fletcher & Co.

WEST FOXBORO, Norfolk Co. P.O. Foxboro. Pop. 100. Ry. 599.
Stone—E. C. Smith.

WEST GLOUCESTER, Essex Co. Tel. Ry. 82.
Stone—W. B. Goodhue.
Stone—S. T. Turnbull.
Stone—J. F. Wilkins.

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WESTON, Middlesex Co. M.O. Tel. Ry. 82. Banking town Waltham.
Stone—John Poutas.

WEST QUINCY, Norfolk Co. P.O. Quincy. Tel. Ry. 599. (See also Quincy.)
Gran.—Aberogmen Works. Granite.
Gran.—Allen & Walker. Granite.
Gran.—Badger Bros. Granite mill. Steam.
Gran.—John Cashman. Granite.
Gran.—J. F. Desmond. Granite.
Gran.—Douglass & McLeod. Granite.
Gran.—Elcock & Sons, Willard st., Quincy. Granite. 200 tons; 240 days; 35 employes. Steam.
Gran.—Fitz & Mooney. Granite.
Gran.—Fitzgerald & McDonald. Granite.
Gran.—Fuller, Foley & Co. Granite.
Gran.—Gallagher & Watson. Granite.
Gran.—P. Garrity. Granite.
Gran.—John Heuss. Granite.
Gran.—Chas. Johnson & Bros. Granite.
Gran.—Patrick Kavanaugh. Granite.
Gran.—Lyons Granite Co. James Lyons, pres.; C. Burgin, treas.; John Lavers, gen. mgr. Cap. stk. $40,000, pd. up. Blue Granite quarry. Granite mill, 50 ft. daily capacity. J. Lavers, quarry supt.
Gran.—T. F. Mannex. Granite.
Gran.—J. J. Milford. Granite.
Gran.—Miller & Luce. Granite.
Gran.—Norfolk Granite Co. Granite.
Gran.—Norse & Beale. Granite.
Gran.—O'Brien & McNeal. Granite.
Gran.—Michael Owens. Granite.
Gran.—Quincy Co-operative Granite Co.
Gran.—Quincy Granite Co.
Gran.—Alphonse Reinhalter. Granite.
Gran.—Reinhalter Bros. Granite.
Gran.—O. T. Rogers Granite Co.
Gran.—Townsend & Clement. Granite.
Gran.—John R. Walters. Granite.

WEST STOCKBRIDGE, Berkshire Co. Pop. 920. M.O. Tel. Ry. 599.
Iron—Hudson Iron Co., Hudson, N. Y. Chauncey Leet mine. Brown hematite ore. Shaft. Steam.
Iron—Pomeroy Mining Co., Richmond Furnace. Pomeroy mine. Slope, 400 ft. Brown hematite. 10,000 tons; 300 days; 30 employes. Steam.
Stone—S. Sperry.
Iron—Stockbridge Iron Co. Leet ore bed. Brown hematite. Shaft. Steam.
Stone—Truesdell & Fuary. Limestone.

WEST UPTON, Worcester Co. M.O. Tel. Ry. 342.
Stone—Chas. Prentice.

WHITINSVILLE, Worcester Co. M.O. Tel. Ry. Whitins, 599.
Gran.—G. M. Blanchard. Granite.
Gran.—Ingerson & Nash. Granite.
Gran.—J. Tank. Granite.

WHITMAN, Plymouth Co. Pop. 4,100. M.O. Tel. Ry. 599.
Marble—A. F. Fairbanks.

WINCHENDON, Worcester Co. Pop. 4,400. M.O. Tel. Ry. 81; 305.
Marb.—Henry E. Peck. Marble.

WOLLASTON, Norfolk Co. M.O. Tel. Ry. 599.
Gran.—Wollaston Land Co.

WORCESTER, Worcester Co. Pop. 99,687. M.O. Tel. Ry. 81; 82; 305; 581; 599; 960.
Gr.Mb.—Boston Marble & Granite Co.
Gran.—Thos. Brosnan. Granite.
Gran.—Burns & Loughlin. Granite.
Gran.—Evans & Co., 131 Central st. Quarry at Fitzwilliam, N. H.
Gran.—Fitts Land & Power Co. Granite.
Gran.—J. G. Gefferds. Granite.
Gran.—C. E. Hilton. Granite.
C.E.Sur.—Marble & Allen. Civil engineers and surveyors, 14 Front st.
Gran.—F. Markham. Granite.
Roll.M.—New England Steel Works.
Marb.—Norcross Bros. Marble. Quarry at Tuckahoe, N. Y.
Marb.—Nugent & Toole. Marble.
Stone—Pellett Bros.
Mb.Gr.—J. & F. Phillips. Marble and granite.
Marb.—Wall & Sullivan. Marble.
Gran.—Webb Granite & Construction Co. Millstone Hill quarry. Mill. Steam.
Gran.—Martin Wilson. Granite.
Gran.—Worcester Land Improvement Co.

YARMOUTH, Barnstable Co. Pop. 360. Ry. 599.
Marb.—William S. Fisher. Marble.

MICHIGAN

ALABASTER, Iosco Co. Pop. 350. Tel. Ry. Tawas City, 255.
Plast.—Alabaster Plaster Co.
Gyps.—Western Plaster Works, 5 Star Line bldg., Detroit. Quarry. 50,000 tons; 225 days; 150 employes. Steam. Alabaster mills, 200 tons daily capacity. Operate 3 miles of ry., 1 locomotive, 20 cars.

ALLEGAN, Allegan Co. Pop. 2,273. M.O. Tel. Ry. 164; 451.
Sur.—Robt. D. Gardner. County surveyor.

ALLOUEZ, Keweenaw Co. Pop. 1,500. M.O. Tel. Ry. 361. Banking town Calumet.
Copp.—Allouez Mining Co.
Copp.—Seneca Mining Co.
Copp.—Wolverine Copper Mining Co., New York.

ALPENA, Alpena Co. Pop. 12,139. M.O. Tel. Ry. 255.
Stone—Richard Collins, 151 Water st. Cap., $5,000. Limestone. 350 cords; 300 days; 3 employes.
C.E.Sur.—Fred A. Rice, civil engineer and surveyor, 121 Maple st. County surveyor.

AMASA, Iron Co. M.O. Tel. Ry. 160; 174. Banking town Iron Mountain.
Iron—Hemlock River Mining Co., Western Reserve blk., Cleveland, O. Hemlock mine. Shaft, 200 ft. 30,000 tons; 150 employes. Steam.

ANN ARBOR, Washtenaw Co. Pop. 11,069. M.O. Tel. Ry. 20a, 20b.
C.E.—Joseph B. Davis, 51 S. Ingalls st.
Ge.Min.—Wm. H. Pettee, Professor of Mineralogy, Economic Geology and Mining Engineering in the University of Michigan, 52 Thompson st.

ARAL, Benzie Co. Pop. 50. Ry. Lake Ann, 496. Banking town Frankfort.
C.E.Sur.—Frank S. Haswell, civil engineer and surveyor.

ATLANTIC MINE, Houghton Co. Pop. 875. M.O. Tel. Banking town and Ry. Houghton, 267; 361; 531.
Copp.—Atlantic Copper Mining Co.

BATTLE CREEK, Calhoun Co. Pop. 15,522. M.O. Tel. Ry. 157; 191; 520.
Sur.—Harlan K. Whitney, surveyor, 70 Cherry st. Land surveying and city engineering.

BAY CITY, Bay Co. Pop. 30,039. M.O. Tel. Ry. 306; 520.
Salt—C. C. Barker.
Salt—Bartman & Rust.
Stone—Bay City Stone Co.
Salt—H. M. Campbell.
Salt—Detroit Mill.
Salt—Eddy, Avery & Eddy.
Salt—Eddy Bros. & Co.
Salt—Fitch Salt Co.
Salt—Folsom & Arnold.
Salt—McEwan Bros.
Salt—T. H. McGraw & Co.
Salt—Michigan Pipe Co.
Salt—Peery Fine Salt Co., Buffalo, N. Y. Well. 5,000 tons; 200 days; 20 employes. Steam.
Salt—Wm. Peter, Columbiaville. Well.
Iron—Platt Mining & Manufacturing Co., care Eddy Bros. & Co. John F. Eddy, pres.; Newell A. Eddy, secy.; Chas. A. Eddy, treas.; Jno. A. Redfern, M. E., buyer. Mine at Palmer.
Stone—Rock River Brownstone Co.
Salt—Smallys & Woodworth.
Salt—South End Lumber & Salt Co.
Salt—E. Y. Williams & Co.

BAYPORT, Huron Co. M.O. Tel. Ry. 783. Banking town Elkton.
St.Lm.—Saginaw, Tuscola & Huron R. R. W. L. Webber, pres.; W. H. Wallace, gen. mgr. Bay Port quarries. Lime. 75,000 bu. Stone crusher, 500 yards daily capacity. Sixty-seven miles of ry. W. H. Wallace, quarry supt.

BAYSHORE, Charlevoix Co. Tel. Ry. 164.
Lime—Petoskey Lime Co. E. R. Sly, pres.; E. M. Sly, secy. Cap. stk., $30,000. Quarry at Petoskey.
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BEACON, Marquette Co. M.O. Ry. Champion, 160; 174; 267. Banking town Ishpeming.
Iron—Champion Iron Co., 28 State st., Boston, Mass. Champion mine. Nine shafts, 60 to 1,300 ft. Specular and magnetic ore. 250,000 tons; 500 employes. Steam. W. Fitch, mine supt.

BENTON HARBOR, Berrien Co. Pop. 5,314. M.O. Tel. Ry. 164; 203.
C.E.—A. A. Johnson, C. E., city engineer.
C.E.—James W. Pearl, civil engineer.

BESSEMER, Gogebic Co. Pop. 2,538. M.O. Tel. Ry. 160, 267, 957.
Iron—Anvil Iron Mining Co.
Iron—Brotherton Iron Mining Co. Jos. Sellwood, pres.; H. Niedecken, v. pres.; E. Niedecken, secy.; M. J. Luther, treas. Mine at Wakefield.
Iron—Buck's Head Iron Mine.
Iron—Colby Iron Mining Co.
Atty.—S. S. Cooper, attorney-at-law.
Iron—East Dangler Iron Mining Co.
Iron—Eureka Iron Mining Co.
Iron—I. Palms Mining Co.

BREST, Monroe Co. Ry. Monroe, 306; 451; 520.
Stone—H. J. Sisung. Limestone. 200 cords; 100 days; 2 employes. (Local.)

CADILLAC, Wexford Co. Pop. 1,105. M.O. Tel. Ry. 20a, 343.
C.E.—A. J. Teed, civil engineer. City engineer. Senior member of Michigan Engineering Society.

CALUMET, Houghton Co. Pop. 2,192. M.O. Tel. Ry. 366a.
Gold-S.—Alaviesko Mining Co.
Cop.—Calumet and Hecla Mining Co., Boston, Mass. Copper.
Copp.—Centennial Mining Co., 1 Broadway, New York. Centennial mine. Shaft, 3,200 ft. Steam. J. Vivian, mine supt. (Idle.)
M.El.E.—Frederick Needham Bosson, consulting mining electrical engineer. Electrician for Calumet & Hecla Mining Co.
Copp.—Tamarack Junior Mining Co., 199 Washington st., Boston, Mass. Tamarack Junior mine. Two shafts, Nos. 1 and 2, 700, and No. 2, 3,000 ft. Native copper. 225 employes. Steam and compressed air. W. E. Parnall, mine supt.

CARROLLTON, Saginaw Co. Pop. 892. M.O. Tel. Ry. 196; 520. Banking town Saginaw.
Salt—E. C. Chapman.

CASEVILLE, Huron Co. Pop. 508. M.O. Tel. Ry. 693.
Stone—Babbitt Stone Quarry Co.
Salt—Caseville Salt Co.
Salt—Curran, Flatch & Conely.

CENTRAL MINE, Keweenaw Co. Pop. 1,110. M.O. Tel. Ry. Allouez, 361. Banking town Calumet.
Copp.—Central Mining Co.

CHAMPION, Marquette Co. Pop. 1,500. M.O. Tel. Ry. 160; 174; 267; 395. Banking town Ishpeming.
Iron—Gibson & Mitchell.
Iron—Hortense Mining Co., 26 W. High st., Detroit. Hortense mine. Shaft, 125 ft. 50,000 tons; 300 days; 100 employes. Steam. S. Brownell, mine supt.

CLIMAX, Kalamazoo Co. Pop. 370. M.O. Tel. Ry. 157.
C.E.—F. Hodgman, civil engineer. Secretary Michigan Engineering Society. Author and publisher of Manual of Land Surveying, Surveyors' Tables, Surveyors' Field Book and Michigan Engineers' Annual.

COLDWATER, Branch Co. Pop. 5,280. M.O. Tel. Ry. 451.
Sur.—I. D. Miner, county surveyor.

COLUMBIAVILLE, Lapeer Co. Pop. 560. M.O. Tel. Ry. 520. Banking town Lapeer.
Salt—Wm. Peter. Well and works at Bay City.

CORUNNA, Shiawassee Co. Pop. 1,550. M.O. Tel. Ry. 20a, 256.
B.Coal—Corunna Coal Co.

CRYSTAL FALLS, Iron Co. Pop. 1,396. M.O. Tel. Ry. 160.
Iron—Columbia Iron Mining Co.
Iron—Dunn Iron Mining Co.
Iron—Iron Star Co., 12 Campau bldg., Detroit. Great Western mine. Shafts, 600 ft. 100,000 tons; 300 days; 200 employes. Steam. J. K. Hooper, mine supt.
Iron—Lamont Iron Mine.
Iron—Lincoln Iron Mining Co., Escanaba. Lincoln mine. Hematite ore.
Mg.Ex.—Jerome B. Schwartz, mining expert.

DETROIT, Wayne Co. Pop. 247,900. M.O. Tel. Ry. 256; 257; 306; 344; 451; 520; 913.
C.M.E.—Wm. Henry Ashwell, of W. H. Ashwell & Co., civil and mining engineers and surveyors. 76 Home Bank bldg.
Silver—John Baker & Son.
Silver—Brush Heap Mining Co., 61 Moffat bldg. Chas. Buncher, pres.; W. V. Moor, secy. and treas. Mine at Kingston, N. Mex. (Idle.)
Mica—Canada Mica Mining Co.
B.Fur.—Carp River Furnace Co. Blast furnace.
B.Coal—Cayuga Pressed Brick & Coal Mining Co., 33 Campau bldg. F. F. Palms, pres.; Jno. B. Coriiss, v. pres.; Charles L. Palms, secy., treas. and gen. mgr. Cap. stk. $200,000; $100,000 pd. up. Mine at Silverwood, Ind.
Stone—Cleveland Stone Co., Cleveland bldg. Sand and whetstones
Copp.—Copper Creek Mining Co., 80 Griswold.
Roll.M.—Detroit Copper & Brass Rolling Mills Co.
Graph.—Detroit Graphite Manufacturing Co., 542 River.
B.Fur.—Detroit Iron Furnace Co.
Iron—Detroit Iron Mining Co., 24 Newberry bldg.
Stone—Detroit & Hocking Valley Red Stone Co., 172 Griswold.
Stone—Detroit & Hocking Valley Red & Brown Stone Co., 55 Champlain.
Copp.—Detroit & Lake Superior Copper Co.
B.Fur.—Detroit & Lake Superior Iron Co.
Stone—Detroit & Marquette Brownstone Co. Brownstone.
Coru.—Detroit & Western North Carolina Corundum Co., Chamber of Commerce bldg. Francis T. Palms, pres.; Wm. Y. Hamlin, v. pres.; Herman P. Nagel, secy. Cap. stk. $20,000, pd. up. Mine at Webster, N. C.
Iron—Dexter Consolidated Mining Co., 35 Newberry bldg.
Roll.M.—Eureka Iron & Steel Works.
Stone—Excelsior Redstone Co., Chamber of Commerce.
B.Fur.—Gaylord Iron Co.
Gold-S.—Gipsy Mining Co., Campau bldg. Gold and silver.
Iron—Wm. J. Gray, 39 Moffatt bldg.
Mica—Hamlin & Fordyce, 621 Hammond bldg.
Iron—Hortense Mining Co., 26 W. High st. Henry C. Hart, pres.; Chas. W. Campbell, v. pres.; S. Brownell, secy., gen. mgr. and buyer. Cap. stk., $1,000,000; $250,000 pd. up. Mine at Champion.
Stone—Henry Houghton, 885 River st.
Iron—Imperial Iron Mining Co., 4 Butler bldg.
Iron—Iron Star Co., 12 Campau bldg. James M. Turner, pres.; V. K. Moore, v. pres., secy., gen. mgr. and buyer; T. H. Newberry, treas. Cap. stk., $500,000. Mine at Crystal Falls.
Graph.—Lake Superior Graphite Co., 540 River st.
Silver—Marquette Silver Mining Co., Moffatt bldg.
B.Coal—Hon. W. C. Mayburg, 74 Griswold st.
Stone—Michigan Stone & Supply Co., 40 W. Fort st.
Iron—Mikado Mining Co.
Copp.—Mining Copper Co. Own 4,000 acres of mineral lands on Isle Royale.
Copp.—Minona Copper Co.
Stone—Mongnagon Stone Quarries, 340 Atwater st.
Silver—Montezuma Silver Mining Co.
Mica-C.—H. P. Nagel, Chamber of Commerce bldg. Wm. M. Hoffman, gen. mgr. and M. E. Cap., $20,000. Mica and corundum. Mines at Webster, N. C.
Coru.—North Carolina Corundum Co.
Silver—North Shore Mining Co., 54 Henry st. J. G. Battelle, pres.; W. P. Spalding, v. pres.; H. F. Eberts, secy. and treas. Mine at Grand Marais, Minn.
St.Ma.—Northwestern Stone & Marble Co., 646 3rd ave.
Stone—Oswegatchie Quarry Co., Ltd., 627 3rd ave.
B.Fur.—Peninsular Iron Co. Blast furnace.
G.S.—David R. Pierce, 210 Larma st. Gold and silver.
Copp.—Edw. Reeder. Copper.
B.Coal—Shipman Coal Mining Co.
G.S.—Shipman Gold Mining & Manufacturing Co. Gold and silver.
Stone—F. B. Sibley, 340 Atwater.
Stone—R. J. Sinclair, 55 Champlain.
Mech.E.—Jesse M. Smith, consulting mechanical and electrical engineer.
Iron—Spurr Iron Mining Co., 39 Moffatt bldg. Wm. A. Moore, pres.; W. J. Gray, secy. and treas. Cap. stk., $250,000; $228,000 pd. up. Mine at Spurr Mine.
C.E.—Edwin Thacher, civil engineer. 33 Telephone bldg.

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DETROIT—Continued.
B.Fur.—Union Iron Co. Lee Burt, pres.; Wm. Gerhauser, secy. and gen. mgr.; W. C. Burt, treas. Cap. stk. $200,000, pd. up. Charcoal. One stack, 42x10.
Iron—United Mining Co., 33 W. Fort.
Iron—Volunteer Iron Co., Telegraph bldg. W. C. Colburn, pres.; Col. John Atkinson, v. pres.; J. C. McCaul, secy. and treas.; Alfred Kidder, gen. mgr. Mine at Palmer.
C.E.—C. W. Walton, civil engineer.
G.S.—E. B. Wendell. Gold and silver.
Gyps.—Western Plaster Works, 5 Star Line bldg. B. F. Smith, pres.; W. A. Avery, v. pres.; G. G. Avery, secy.; B. W. McCausland, treas. Cap. stk. $400,000, pd. up. Mine at Alabaster.
C.E.—Gardner S. Williams, civil engineer to Board of Water Commissioners, 232 Jefferson ave. Specialty, hydraulics and water supply.

DIMONDALE, Eaton Co. Pop. 340. M.O. Tel. Ry. 451. Banking town Lansing.
C.E.Sur.—M. H. Bailey, civil engineer and surveyor. Specialties, roads, hydraulics.
Stone—Con & Appleyard.

DUCK LAKE, Calhoun Co. Tel. Banking town and Ry. Charlotte, 157; 520.
Sur.—P. A. Courtright, surveyor and engineering. County surveyor.

DUNDEE, Monroe Co. Pop. 1,330. M.O. Tel. Ry. 20a; 191; 451.
Stone—Horace Pulver.

EAGLE RIVER, Keweenaw Co. Pop. 220. M.O. Tel. Ry. Allouez, 361. Banking town Calumet.
Copp.—Arnold Mining Co.
Copp.—Garden City Copper Co.
Copp.—Meadow Mining Co.

EAST TAWAS, Iosco Co. Pop. 2,480. M.O. Tel. Ry. 255.
Salt—Holland & Emery.
Salt—Iosco Brine Supply Co.

EATON RAPIDS, Eaton Co. Pop. 2,158. M.O. Tel. Ry. 451; 520.
Iron—Promontono Mining Co.

ELK RAPIDS, Antrim Co. Pop. 1,250. M.O. Tel. Ry. 164.
B.Fur.—Elk Rapids Iron Co.

ESCANABA, Delta Co. Pop. 8,150. M.O. Tel. Ry. 160.
C.E.Sur.—D. A. Brotherton, civil engineer and surveyor. 810 S. Charlotte st.
Iron—Lincoln Iron Mining Co. Edw. Erickson, pres.; J. B. Schwartz, v. pres.; F. H. Brotherton, secy., treas., gen. mgr. and buyer. Cap. stk., $500,000; $150,000 pd. up. Mine at Crystal Falls.

ESSEXVILLE, Bay Co. Pop. 1,800. M.O. Tel. Banking town and Ry. Bay City, 306; 520.
Salt—W. B. Rouse.

FOSTER CITY, Dickinson Co. M.O. Tel. Ry. 160. Banking town Escanaba.
Marb.—Northern Michigan Marble Co.

FRUITPORT, Muskegon Co. Pop. 320. M.O. Tel. Ry. 164. Banking town Muskegon.
B.Fur.—Spring Lake Iron Co.

GLADSTONE, Delta Co. Pop. 2,140. M.O. Tel. Ry. 533.
Roll.M.—Cleveland Cliffs Iron Co.

GRANDLEDGE, Eaton Co. Pop. 2,220. M.O. Tel. Ry. 257.
B.Coal—F. Boyle.
B.Coal—Thos. M. Jenkins, 307 Mineral st. Thos. Jenkins, gen. mgr. Rising Sun mine. Tunnel, 30 ft. 300 days; 3 employes. Horse. (Local.)

GRAND RAPIDS, Kent Co. Pop. 82,420. M.O. Tel. Ry. 164; 256; 257; 343; 520.
Stone—Alabastine Co., 39-41 N. Division st.
C.E.—Geo. M. Ames, civil engineer, 350 Crescent ave. Assistant city engineer.
C.E.—H. A. Collar, civil engineer. Engineer of Board of Public Works and city surveyor. City Hall.
Plast.—Didmond Wall Plaster Co., Builders' Exchange.
Stone—F. Godfrey & Co., 100 Monroe st.
Gyp.—Grand Rapids Gypsum Works, 433 Michigan Trust bldg.
Stone—Grand River Quarries.
Stone—Kent Stone Co., Front st. M. Morris, pres. Limestone. 1,000 cords; 210 days; 10 employes.

GRAND RAPIDS—Continued.
Plast.—Michigan & Ohio Plaster Co., 401 Pythian Temple. B. W. McCausland, pres.; W. McBain, v. pres.; A. C. Torrey, secy. and treas. Represent Grand Rapids Plaster Co., Grand Rapids Gypsum Works, Alabastine Co., Gypsum Plaster & Stucco Co., Western Plaster Works and F. Godfrey & Bro.
Gyp.—Noble & Co.
Stone—A. C. Senell, 112 N. College ave.
Plast.—Union Wall Plaster Co.

GRANDVILLE, Kent Co. Pop. 450. M.O. Tel. Ry. 164, 451. Banking town Grand Rapids.
Gyp.—Loren Day.

GREENLAND, Ontonagon Co. Pop. 330. Tel. Ry. 174. Banking town Ontonagon.
Copp.—Aztec Mining Co.
Copp.—Belt Copper Mines Mining Co.
Copp.—Belt & Ridge (stamp mill).
Copp.—Evergreen Bluff Mining Co.
Copp.—Knowlton Mining Co.
Copp.—Mass Mining Co.
Copp.—Ridge Copper Mine.

GREENVILLE, Montcalm Co. Pop. 3,120. M.O. Tel. Ry. 257, 886.
Sur.—H. M. Caukin, land and railroad surveyor.

HANCOCK, Houghton Co. Pop. 1,700. M.O. Tel. Ry. 361; 531.
Copp.—Franklin Mining Co. Franklin mine. Shaft, 2,230 ft.
Cop.—Hancock Copper Mining Co. Edward Ryan, pres.; August Mette, sec.-treas.; John C. Ryan, mine supt.
Iron—Northern Land Mining Co.
Copp.—Peninsular Mining Co.
Copp.—Quincy Mining Co., New York.

HASTINGS, Barry Co. Pop. 3,028. M.O. Tel. Ry. 173; 520.
C.E.Sur.—Lee S. Cobb, civil engineer and county surveyor.

HOLLAND, Ottawa Co. Pop. 8,220. M.O. Tel. Ry. 164.
Stone—Waverly Stone Co. H. D. Post, pres.; H. H. Pope, v. pres.; W. J. Garrod, secy.; J. C. Post, treas.; F. C. Hall, gen. mgr. and buyer. Cap. stk., $25,000. Waverly quarry. Sandstone. 3,134 cords; 233 days; 24 employes. John Stroop, quarry supt.

HOUGHTON, Houghton Co. Pop. 2,270. M.O. Tel. Ry. 267; 361; 531.
Copp.—Atlantic Mining Co., 11 and 13 William st., New York. Atlantic mine. Shafts, 1,620, 1,845, 2,015 and 2,100 ft. 320,000 tons; 310 days; 425 employes. Steam, water and electricity. Operate 13 miles of ry., 4 locomotives, 110 cars. F. McM. Stanton, mine supt.
Salt—Jos. Croze.
Copp.—Huron Copper Mining Co.
Copp.—Isle Royale Mining Co.
M.E.E.—Edgar Kidwell, A. M., M. E. Professor of mechanical and electrical engineering, Michigan Mining School. Consulting engineer. Graduate Georgetown University, Washington, D. C., A. B., '86, A. M., '89. University of Pennsylvania, M. E., '89. Member Lake Superior Mining Institute.
Chem.Met.—George A. Koenig, Professor of chemistry and mining engineering, Michigan Mining School.
Roll.M.—Lake Superior Steel Co.
Sch.—Michigan Mining School. M. E. Wadsworth, Ph. D., Director. Technical school. Elective system. Summer courses. Degrees of S. B., E. M., and Ph. D. Address Secretary Michigan Mining School, Houghton, Mich.
C.M.E.—Frederick W. Speer, E. M. Professor of civil and mining engineering, Michigan Mining School.
M.E.—M. E. Wadsworth, A.M., Ph.D. Director Michigan Mining School. Professor mineralogy, petrography and geology.

IDA, Monroe Co. Pop. 250. M.O. Tel. Ry. 451. Banking town Monroe.
Stone—N. Davis. Limestone quarry. (Local.)

IRON MOUNTAIN, Dickinson Co. Pop. 8,000. M.O. Tel. Ry. 160; 174.
Iron—Antoine Ore Co.
An.Ch.—Edward E. Brewster, analytical chemist. 316 C st., east. Specialty, iron ores.
Iron—Chapin Mining Co.
Iron—Millie Iron Co.
Iron—Pewabic Co., 116 New Insurance bldg., Milwaukee, Wis. Pewabic mine. First and second-class Bessemer and non-Bessemer ore. 300,000 tons; 500 employes. E. F. Brown, mine supt.
Iron—Ruth Mining Co.
M.E.—Linton B. Sutton, mining engineer. Iron and gold ores.

IRONTON, Charlevoix Co. Ry. 164. Banking town Charlevoix.
Fur.—Pine Lake Iron Co.

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IRONWOOD, Gogebic Co. Pop. 9,480. M.O. Tel. Ry. 160; 957.
Iron—Ashland Iron Mining Co.
Iron—East Norrie Mine.
Iron—Metropolitan Iron & Land Co., 148 New Insurance bldg., Milwaukee, Wis. Norrie mine. Shaft, 700 ft. Hematite ore. 900,000 tons.
Pabst Mine. Shaft, 700 ft. Hematite.
Iron—Newport Mining Co., Steubenville, Ohio. Newport mine. Shafts. Hematite ore. 150,000 tons; 175 employes.
Iron—Norrie Iron Mining Co.
M.E.—Jas. R. Thompson, mining engineer. Asst. gen'l manager Newport Mining Co.
Iron—Tilden Mine.
Iron—Vaughan Mine.

ISHPEMING, Marquette Co. Pop. 12,000. M.O. Tel. Ry. 160; 267; 452.
Iron—William Allen. Ogden mine.
Iron—Barnum Mining Co.
M.E.Ch.—E. F. Bradt, mining engineer and chemist.
Iron—Cleveland Iron Mining Co.
B.Fur.—Deer Lake Co.
Iron—East New York Iron Co.
B.Fur.—Excelsior Furnace. Blast furnace.
Iron—Foxdale Iron Mining Co.
Gold—Gold Lake Mining Co.
Iron—Harvey Iron Co.
Iron—Iron Cliffs Co.
G.S.—Lake Angeline Mining Co. Gold and silver.
Iron—Lake Superior Iron Co.
Chem.—Mixer & Dubois, chemists, metallurgists and economic geologists.
Iron—New York Mining Co.
Iron—Pittsburg & Lake Angeline Iron Co. Jas. Laughlin, Jr., pres.; W. G. Pollock, secy. and treas.; Alfred Kidder, gen. mgr.; Thos. Walters, buyer. Cap. stk. $500,000, pd. up. Lake Angeline mine. Shaft, 500 ft. Bessemer ore. 400,000 tons; 300 days; 700 employes. Steam and electricity. Thos. Walters, mine supt.
G.S.—Ropes Gold & Silver Mining Co. Shaft. 40-stamp mill.
Iron—Salisbury Iron Mining Co.
B.Fur.—Chas. H. Schaffer. Wm. H. Nelson, supt. and buyer. Excelsior furnace. Charcoal. One stack, 50x9½ ft. Foundry, car wheel and Bessemer pig. Brand, "Excelsior."
Iron—Winthrop Iron Co.

JACKSON, Jackson Co. Pop. 23,540. M.O. Tel. Ry. 344; 451; 520.
B.Coal—Byrne Union Mining Co.
B.Coal—Robt. Gage Mining Co.
B.Coal—Jackson Coal Mining Co.
Stone—Jackson Pulp Co.
Stone—Jackson Stone Co.
B.Coal—New Coal Mining Co.
B.Coal—Trumbull Mining Co., 174 Chillock ave. L. B. Trumbull, pres.; F. J. Walker, v. pres.; W. F. Ward, secy. and buyer; Robt. Gage, treas. and gen. mgr. Cap. stk., $10,000; $6,000 pd. up. Trumbull No. 1 mine. Shaft, 75 ft. 60,000 tons; 100 employes. Steam. One mile of ry. W. F. Ward, mine supt.

JACOBSVILLE, Houghton Co. M.O. Tel. Ry. Newtonville, 267.
Stone—Portage Entry Quarries Co., 907 Security bldg., Chicago. Two quarries. Sandstone. Stone mill.

KEARSARGE, Houghton Co. Ry. 361.
Copp.—Kearsarge Mining Co.

LAKE LINDEN, Houghton Co. Pop. 3,550. M.O. Tel. Ry. 361.
Copp.—Calumet & Hecla Mining Co., Boston, Mass.
Copp.—Tamarack Mining Co., Boston, Mass.

LANSING, Ingham Co. Pop. 16,000. M.O. Tel. Ry. 157; 257; 451; 520.
Stone—Con Bros.
Slate—Michigan Slate Co.

LAWTON, Van Buren Co. Pop. 820. M.O. Tel. Ry. 520; 843.
M.E.—Chas. D. Lawton, M. E. Mining expert; will examine and report on mines, mineral lands, etc.

LORETTO, Dickinson Co. Ry. Vulcan, 160.
Iron—Appleton Mining Co., 119 and 121 La Salle st., Chicago. Appleton mine. Shaft, 250 ft. Bessemer ore.
Iron—Loretto Iron Co., 1040, 204 Dearborn st., Chicago. Loretto mine. Shaft, 250 ft. Bessemer ore. 50,000 tons; 300 days; 180 employes. Steam. H. Truscott, mine supt.

LUDINGTON, Mason Co. Pop. 8,300. M.O. Tel. Ry. 306.
Iron—Loretta Iron Co.

LUDINGTON—Continued.
Salt—T. R. Lyon.
Salt—Thomas Percy.
Salt—Pere Marquette Lumber Co.

LYONS, Ionia Co. Pop. 700. M.O. Tel. Ry. 257.
Stone—C. S. Marsh.

MANCELONA, Antrim Co. Pop. 1,235. M.O. Tel. Ry. 343.
B.Fur.—Antrim Iron Co.

MANISTEE, Manistee Co. Pop. 13,580. M.O. Tel. Ry. 306; 496.
Salt—Canfield & Wheeler Co.
C.E.—Donald A. McLeod, civil engineer.
Salt—J. O. Nessen.
Salt—Reitz Salt & Lumber Co.
Salt—Louis Sands.

MARINE CITY, St. Clair Co. Pop. 4,000. M.O. Tel. Ry. 754.
Salt—Davidson & Wonsey.
Salt—Marine City Salt & Brick Works.
Salt—Marine City Stave Co.
Salt—Toledo Salt Co.

MARQUETTE, Marquette Co. Pop. 9,960. M.O. Tel. Ry. 267.
Iron—Barassa Iron Co.
Stone—Butler Brownstone Co. Sandstone.
Iron—Davis Mining Co.
Iron—Dexter Iron Mining Co.
C.M.E.—James E. Jopling, civil and mining engineer.
Stone—Kerber-Jacobs Redstone Co. J. H. Jacobs, pres. and gen. mgr.; Carl Findeisen, v. pres.; S. W. Goodale, secy.; E. H. Towar, treas. Quarry at Redrock.
Iron—Alfred Kidder.
Stone—Lake Superior Redstone Co.
Gold—Michigan Gold Mining Co.
Iron—Michigan Land & Iron Co.
B.Fur.—Northern Furnace Co. Blast furnace.
Iron—Phoenix Iron Mining Co.
Stone—Portage Entry Quarries Co., 907 Security bldg, Chicago. Sandstone.
Stone—Daniel Powell. Red sandstone.

MASTODON MINE, Iron Co. Ry. Mastodon, 160.
Iron—E. S. Roberts.

MAYVILLE, Tuscola Co. Pop. 770. M.O. Tel. Ry. 306.
Sur.—George B. Fulton, surveyor.

METROPOLITAN, Dickinson Co. Pop. 310. M.O. Tel. Ry. 160. Banking town Escanaba.
Iron—Foster Iron Exploring Co.
Iron—Groveland Iron Mining Co.
Iron—Metropolitan Mining Co.
Iron—Sturgeon River Iron Mining Co.

MICHIGAMME, Marquette Co. Pop. 1,400. M.O. Tel. Ry. 160; 267. Banking town Ishpeming.
Iron—Michigamme Co.

MIDLAND, Midland Co. Pop. 2,490. M.O. Tel. Ry. 306; 520.
Salt—Midland Salt & Lumber Co.
Stone—Wm. Patrick.

MOUNT PLEASANT, Isabella Co. Pop. 3,180. M.O. Tel. Ry. 20a, 306.
C.E.Sur.—E. R. Coburn, civil engineer and surveyor.

MUSKEGON, Muskegon Co. Pop. 21,000. M.O. Tel. Ry. 164; 343; 451.
Stone—Goodall Bros. Stone Co.
Roll.M.—Muskegon Iron & Steel Co.

NATIONAL MINE, Marquette Co. M.O. Banking town and Ry. Ishpeming, 160; 267.
Iron—Green Creek Iron Co.

NEGAUNEE, Marquette Co. Pop. 5,950. M.O. Tel. Ry. 160; 267.
Iron—Blue Iron Mining Co.
Iron—Buffalo Mining Co.
Iron—Cambria Mining Co.
Iron—Escanaba River Land & Iron Co.
Iron—Finlay Mining & Exploring Association.
Iron—Hartford Mining Co.
B.Fur.—Iron Cliffs Co.
Iron—Jackson Iron Co.
Iron—Lillie Mining Co.
Iron—Wm. Puckinghorn. Primrose Valley mine.
Iron—Negaunee Mining Co.
Iron—Maitland & Rough. Richmond mine.

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NEWBERRY, Luce Co. Pop. 1,200. M.O. Tel. Ry. 267.
B.Fur.—Newberry Furnace Co.

NEWPORT, Monroe Co. Pop. 251. M.O. Tel. Ry. 451; 520. Banking town Wyandotte.
Stone—Adolphus LaBean.

NEWTONVILLE, Baraga Co. Pop. 50. Ry. 267. Banking town Houghton.
Stone—Martin Messner.
Stone—Portage Red Sandstone Co.

NORTH BRANCH, Lapeer Co. Pop. 670. M.O. Tel. Ry. 693.
C.E.—F. A. Sicklesteel, civil engineer.

NORWAY, Dickinson Co. Pop. 3,650. M.O. Tel. Ry. 174. Banking town Iron Mountain.
Iron—Cuff Iron Mining Co.
Iron—Curry Iron Mining Co.
Atty.—R. C. Flannigan, attorney. Commercial, corporation and land law. Compiler of the laws of Michigan for the RECORD.
Iron—S. S. High.
Iron—F. A. Johnson.
Iron—John Sewell.

ONTONAGON, Ontonagon Co. Pop. 3,076. Ry. 174.
Copp.—Atlantic Mining Co. J. E. Gay, pres.; John Stanton, sec.-treas.; Wm. Tonkin, supt. Eastern office, 76 Wall St., New York.
Copp.—Carp Lake Mining Co. M. Richardson, pres. and treas.; Isaac Yawger, sec. Local agent Alfred Meads. Eastern office 12 Maiden Lane, New York. Copper. 525 acres mineral lands.
Copp.—Central Mining Co., 76 Wall St., New York. Copper.
Copp.—Coulter Copper Co.
Copp.—Essex Copper Mining Co. Marmaduke Richardson, pres.-treas.; Isaac Yawger, sec.; local agent Alfred Meads. Eastern office 12 Maiden Lane, New York. 840 acres mining lands.
Copp.—International Mining Co., St. Lawrence Hall, Montreal. P. Q. Local agent, Alfred Meads. Copper. 400 acres mineral lands.
Copp.—Lafayette Mining Co. M. Richardson, pres.-treas.; Isaac Yawger, sec. Local agent, Alfred Meads. Eastern office 12 Maiden Lane, New York. Copper. 962 acres mineral lands.
Copp.—Lawrence Mining Co. M. Richardson, pres.-treas.; Isaac Yawger, sec. Local agent Alfred Meads. Eastern office 12 Maiden Lane, New York. Copper. 160 acres mineral lands.
Copp.—Jas. Mercer.
Copp.—Merrimack Mining Co.
Copp.—Minnesota Mining Co. 19 Congress St., Boston, Mass. Benj. Jeffs, supt.
Copp.—National Copper Co. J. C. Watson, pres.; D. L. Demmon, sec.-treas. Local agent, Capt. Johnson Vivian. Eastern office, 19 Congress St., Boston, Mass.
Copp.—Ogema Mining Co.
Copp.—Ridge Copper Co., 69 Devonshire St., Boston, Mass.

OPECHEE, Houghton Co. Pop. 1,360. M.O. Tel. Ry. 361. Banking town Calumet.
Copp.—Osceola Consolidated Mining Co. of Michigan, 69 Devonshire St., Boston, Mass.
Copp.—Tamarack Mining Co. of Lake Superior, Michigan, 69 Devonshire St., Boston, Mass. Copper.

OSCODA, Iosco Co. Pop. 2,078. M.O. Tel. Ry. 44; 255. Banking town Au Sable.
Salt—H. M. Loud & Sons Mining Co.
Salt—Oscoda Salt & Lumber Co.
Salt—Pack & Woods Co.

PALMER, Marquette Co. Pop. 1,100. M.O. Tel. Ry. 160. Banking town Negaunee.
Iron—Pittsburg & Lake Superior Iron Co., Pittsburg, Pa.
Iron—Platt Mining & Manufacturing Co., care Eddy Bros. & Co., Bay City. Platt mine. Shaft, 280 ft. Hematite ore. 40,000 tons; 300 days; 75 employes. Steam.
Iron—Starwest Mining Co. Mine at Richmond.
Iron—Volunteer Iron Co., Detroit. Volunteer mine. Shaft, 400 ft. Bessemer ore. 300,000 tons; 300 days; 500 employes. Steam.
Iron—Wheat Iron Mining Co.

PETOSKEY, Emmet Co. Pop. 3,649. M.O. Tel. Ry. 164; 343.
Lime—Petoskey Lime Co., Bay Shore. 15 employes.
Lime—H. O. Rose Lime Co. H. O. Rose, pres. Cap. stk., $50,000. 25 employes.

PHOENIX, Keweenaw Co. Tel. Ry. Allouez, 361. Banking town Calumet.
Copp.—Cliff Copper Co.
Smelt.—Phoenix Copper Co.

PORT AUSTIN, Huron Co. Pop. 557. M.O. Tel. Ry. 306.
Stone—Huron Grindstone Co.

PORT HOPE, Huron Co. Pop. 353. M.O. Tel. Ry. Sand Beach, 306.
Salt—R. C. Ogilvie.

PORT HURON, St. Clair Co. Pop. 18,140. M.O. Tel. Ry. 157; 306; 344.
Gold-S.—Ben Hur Mining Co. A. S. Martin, pres. and gen. mgr.; S. G. Martin, v. pres. and treas.; W. R. Chadwick, secy. and buyer. Cap. stk. $300,000, pd. up. Mine at Lovelock, Nev.

QUINNESEC, Dickinson Co. Pop. 332. M.O. Tel. Ry. 160. Banking town Iron Mountain.
Iron—Ruth & Rachael Mining Co.

RAMSAY, Gogebic Co. Pop. 134. Ry. 160. Banking town Bessemer.
Iron—Eureka Mining Co.

REDROCK, Houghton Co. Ry. Newtonville, 267.
Stone—Kerber-Jacobs Redstone Co., Marquette. Redrock quarry. Red sandstone. 125,000 cu. ft.; 110 days; 50 employes. Steam. W. J. Fales, quarry supt.

REPUBLIC, Marquette Co. Pop. 1,275. M.O. Tel. Ry. 174; 160; 267. Banking town Ishpeming.
Iron—Republic Iron Co., Cleveland, O.
Iron—West Republic Mining Co.

RICHMOND, Macomb Co. Pop. 1,049. M.O. Tel. Ry. Lenox, 520.
Iron—Platt Mining & Manufacturing Co. Bay City. Platt mine. Shaft, 300 ft. Hematite ore. 50,000 tons; 100 employes. Steam. John A. Redfirn, mine supt.
Iron—Starwest Mining Co., Palmer. Starwest mine. Shaft, 100 ft. Hematite ore. 50,000 tons; 100 employes. Steam. Sam'l Hoar, mine supt.

ROCKLAND, Ontonagon Co. Pop. 386. M.O. Tel. Ry. 174.
Sur.—B. F. Chynoweth. Surveyor and mine agent.
Copp.—National Mining Co.

SAGINAW, Saginaw Co. Pop. 44,650. M.O. Tel. Ry. 196; 257; 306; 520; 783.
Stone—Bayport Quarries. Limestone.
Salt—Brand & Hardin.
Salt—Briggs & Cooper.
Salt—Brown & Ryan.
Salt—Eastman Lumber Co.
Salt—Daniel Hardin.
Salt—Linton Manufacturing Co.
Salt—Michigan Dairy Salt Co.
Salt—Michigan Salt Co.
Salt—Mitchell & McClure.
Stone—N. B. Nease & Co.
Iron—Nells & Stone.
Salt—W. A. O'Donnell.
B.Coal—Saginaw Bay Coal Co.
Salt—Saginaw Salt & Lumber Co.
Salt—Jas. Stewart & Co.
Salt—Wells Stone Co.

ST. CLAIR, St. Clair Co. Pop. 2,275. M.O. Tel. Ry. 520.
Salt—Diamond Crystal Salt Co.

ST. IGNACE, Mackinac Co. Pop. 2,068. M.O. Tel. Ry. 267.
Sur.—E. B. Chamberlain. Surveyor and prospector. P.O. Box 54.
B.Fur.—Gailbraith & Plumer (W. A. Gailbraith and Arnold A. Plumer). W. B. Vance, agent. Cap. $200,000. Martel furnace. One stack, 54x10 ft. 23,000 tons pig.

SANDBEACH, Huron Co. Pop. 1,273. M.O. Tel. Ry. 306.
Salt—Huron Dairy Salt Co.

SANDSTONE, Jackson Co. Tel. Ry. 520.
B.Coal—Michael Bacon.
B.Coal—Black Diamond Coal Mines.
B.Coal—Wm. Webster.

SAULT DE SAINTE MARIE, Chippewa Co. Pop. 8,000. M.O. Tel. Ry. 267.
Gold—Ancient Diggings Co.

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SEBEWAING, Huron Co. Pop. 1,400. M.O. Tel. Ry. 783.
B.Coal—Sebewaing Coal Co. S. O. Fisher, pres.; James Talbert, v. pres.; W. T. Chappell, secy., treas., gen. mgr. and buyer. Cap. stk., $80,000; $50,000 pd. up. Sebewaing mine. Shaft, 128 ft. 80,000 tons; 150 days; 150 employes. Steam. W. T. Chappell, mine supt.

SOUTH HAVEN, Van Buren Co. Pop. 2,449. M.O. Tel. Ry. 520; 843.
C.E.—Geo. C. Monroe, civil engineer.

SPURR MINE, Baraga Co. P.O. and Ry. Michigamme, 160; 267.
Iron—Spurr Iron Mining Co., 39 Moffat bldg., Detroit, Spurr mine. Shaft. (Idle.)

STAMBAUGH, Iron Co. Pop. 750. M.O. Ry. 160. Banking town Florence.
Iron—Florence Iron River Co.

STONEVILLE, Marquette Co. P.O. Ishpeming. Ry. 267.
Iron—Wm. Wills.

STONYPOINT, Jackson Co. Pop. 112. Ry. 451. Banking town Hanover.
Stone—Michigan Stone Co.
Stone—L. J. Wolcott.

STRONACH, Manistee Co. Pop. 500. Tel. Ry. 306. Banking town Manistee.
Salt—Union Lumber & Salt Co. Well.

SWANZY, Marquette Co. Pop. 145. Ry. 160. Banking town Negaunee.
Iron—Escanaba Land and Iron Co.

TRENTON, Wayne Co. Pop. 980. M.O. Tel. Ry. 451; 520. Banking town Detroit.
Stone—Sibley Quarry Co. Albert Stearns, secy. and treas.; E. D. Church, Jr., gen. mgr. Limestone.

VULCAN, Dickinson Co. M.O. Tel. Ry. 160. Banking town Iron Mountain.
Iron—Penn Iron Mining Co. Mines at Vulcan and Norway. East Vulcan mine. Shaft, 900 ft. West Vulcan mine. Shaft, 1,000 ft. Curry mine. Shaft, 800 ft. Norway mine. Open pit. Bessemer ore. 350,000 tons; 300 days; 450 employes. Steam.

WAKEFIELD, Gogebic Co. Pop. 809. M.O. Tel. Ry. 160.
Iron—Brotherton Iron Mining Co., Bessemer. Shaft, 350 ft. Bessemer ore. Steam.
Iron—J. H. Finlay, Chicago. Shaft, 304 ft. Hematite and Bessemer ores. 50,000 tons; 300 days; 50 employes. Steam.
Iron—Pike Mining Co., Bayfield. Pike mine. Shaft, 260 ft. Steam. A. S. Johns, mine supt.
Iron—Pipe Option Mining Co.
Iron—P. H. Putnam. Kingman mine. Hematite and Bessemer ores. (Developing.)
Iron—Sparta Iron Mining Company.

WELLS—Delta Co. Pop. 67. Tel. Ry. 160. Banking town Escanaba.
Stone—Peter Groos. Flat Rock quarry. Limestone. 600 cords; 150 days; 5 employes.

WEST BAY CITY, Bay Co. Pop. 12,337. M.O. Tel. Ry. 196; 520.
Salt—Carpenter & Co.
Salt—Theo. Hine.
Coal—Monitor Coal Co.
Salt—H. W. Sage & Co., Ithaca, N. Y. Well.

WILLIAMSTON, Ingham Co. Pop. 1,120. M.O. Tel. Ry. 257.
Stone—Wm. F. Atkinson.

WILMOT, Tuscola Co. Pop. 58. Ry. 693. Banking town Cass City.
C.E.Sur.—John A. Teskey & Sons, civil engineers and surveyors.

MINNESOTA

BENSON, Swift Co. Pop. 1,121. M.O. Tel. Ry. 346.
G.S.—Minnesota & Lake Manitou Gold & Silver Co.

BIWABIK, St. Louis Co. Pop. 365. M.O. Tel. Ry. 263; 265.
Iron—Biwabik Bessemer Co. John Tod, pres.; A. M. Byers, v. pres.; Henry B. Shields, secy.; Robt. McCurdy, treas.; J. D. Shilling, buyer and supt. Open pit. 156 days; 100 employes. Steam.
Iron—Canton Iron Co., 506 Ellsworth Bldg., Chicago. Canton mine. Shafts. Hematite ore.

CLOQUET, Carlton Co. Pop. 2,662. M.O. Tel. Ry. 264; 779.
Slate—Cloquet Slate Quarries.

DODGE CENTER, Dodge Co. Pop. 872. M.O. Tel. Ry. 160; 171.
Stone—Wasioja Stone Co. Frank A. Day, Duluth, pres.; John A. Green, Stone City, Iowa, v. pres. and gen. mgr.; W. B. Parsons, secy. and treas. Cap. stk. $60,000, pd. up. Limestone. Quarry at Wasioja. Dimension, flagging and rubble stone. Steam.

DRESBACH, Winona Co. Pop. 350. Ry. 174. Banking town La Crosse, Wis.
Stone—J. S. Tostavon, Jr.

DULUTH, St. Louis Co. Pop. 60,000. M.O. Tel. Ry. 263; 264; 265; 267a; 267b; 346; 617; 779.
Iron—David T. Adams, 306-309 Providence Bldg.
Copp.—Agate Copper & Mining Co., 409 Woodbridge Bldg. Taye Walker, pres.; R. H. Harris, secy. and treas.
Atty.—Alford & Hunt, Attorneys at Law, 330, 331 Chamber of Commerce Bldg. Attorneys for Commercial Bank, D. H. Moon Lumber Co., C. S. Murray Lumber Co., Adamant Manufacturing Co. Compilers of the laws of Minnesota for the RECORD.
Iron—Anderson Iron Co. Cap. stk. $1,000,000. Mine at Ely.
Iron—Bessemer Iron Co., 33 Exchange Bldg. G. H. Claypool, pres.; L. J. Hopkins, v. pres.; E. C. Jones, secy.; W. B. Silvey, treas. Cap. stk. $3,000,000. Mine at Merritt.
Iron—H. M. Bradley, 204 Palladio Bldg.
Iron—Chicago Iron Co. Cap. stk. $5,000,000. 703 Palladio Bldg. Mine at Merritt.
Iron—Cincinnati Iron Co., 414 Torrey Bldg. A. E. Humphreys, pres.; Frank Cox, secy.; J. D. Howard, treas. Cap. stk. $3,000,000. Mine at Merritt.
Iron—Clark Iron Co., 405 First National Bank Bldg. M. J. Clark, pres.; M. W. Bates, secy.; J. G. Williams, treas. Cap. stk. $3,000,000. Clark mine. Shaft.
Iron—Cleveland Iron Co., 414 Torrey Bldg. A. E. Humphreys, pres.; S. W. Eckman, secy. and treas.
Iron—Consolidated Missabe Iron Co., 615 Lyceum Bldg. N. J. Olcott, pres.; G. D. Swift, secy. and treas.
N.I.—Consolidated Nickel and Iron Co., 106 Palladio Bldg. J. O. Milne, pres.; B. G. Segog, v. pres.; Geo. P. Tredt, secy. and treas. Cap. stk. $3,000,000, $1,550,000 pd. up. (No mines in operation.)
As.Ch.—H. B. Crowl, Assayer and Chemist. Metallurgist in iron and steel. 1006 Torrey Bldg.
Stone—J. C. Crowley, 617 24th ave. w.
Silv.—Crown Point Mining Co., 931 E. 7th st. H. R. Tinkham, pres.; A. D. Cummings, v. pres., gen. mgr. and buyer; E. A. Tinkham, secy.; C. E. Shannon, treas. Cap. stk. $600,000, pd. up. Mine at Port Arthur, Ont.
C.E.—Frederick Davis, C. E. Engineer for St. Louis County.
Bary.—Duluth Barytes Co. Chas. Brent, pres. and gen. mgr.; W. P. Lardner, secy. and treas. Cap. stk. 500,000, $37,500 pd. up. Mine at Port Arthur, Ont. Barytes.
Stone—Duluth Brown Stone Co., 8 Exchange Bldg. J. H. Crowley, pres. and buyer; J. H. Davis, secy. and treas. Cap. stk. $30,000, pd. up. Sandstone. Quarry at Fond du Lac, Wis.
Roll.M.—Duluth Manufacturing Co., Redruth and 55th Ave. W.
G.S.—Duluth & Nova Scotia Mining Co. Gold and silver.
Stone—Flag River Blue Stone Co.
Stone—Friedman & Wilson.
Iron—Hale Iron Co., 208 Herald Bldg. J. T. Hale, pres.; Jesse Norton, secy.; B. T. Hale, treas. Cap. stk. $3,000,000. Mine at Merritt.
Iron—Frank Hibbing. See Lake Superior Iron Co.
G.S.—Higgins Wildcat Co., 410 Chamber of Commerce. F. S. Smith, New York City, pres.; Giles Gilbert, v. pres.; F. W. Higgins, Olean, N. Y., secy.; Frank L. Bartlett, treas.
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DULUTH—Continued.
Iron—Horton Mining Co., 409 Woodbridge Bldg. G. W. Horton, pres.; R. H. Harris, treas. and gen. mgr.
Stone—M. T. Hulet.
Iron—A. E. Humphreys, 413-414 Torrey Bldg.
Iron—Iron Belt Mining Co. Mine at Masaba.
Iron—Iron Chief Mining Co., 414 Torrey Bldg. N. D. Moore, v. pres.; Frank Cox, secy. and treas.
Iron—Iron Cliff Mining Co., 202 Palladio Bldg. Cap. stk. $3,000,000. Mine at Merritt.
Stone—Iron River Red Sandstone Co., 541 Lake ave. A. C. Titus, pres.; August Broman, v. pres.; A. McG. McDonald, secy.; W. G. Crosby, treas. Cap. stk. $100,000. Sandstone. Quarry at Orienta, Wis.
R.M.—Ironton Structural Steel Co., 313 Lyceum Bldg. R. T. McCabe, pres.; James E. York, v. pres and gen. mgr.; W. R. Heath, secy. and treas. Works at Ironton.
Iron—Kanawha Iron Co., 414 Torrey Bldg. E. G. Swanstrom, v. pres.; Frank Cox, secy. and treas.
Iron—Keewatin Iron Co., 218 W. Superior st. Cap. stk. $3,000,000. Keewatin mine. Red hematite ore. Shaft. Steam.
Iron—Keystone Iron Co., 200 Chamber of Commerce. Clinton Markell, pres.; E. R. Brace, secy.; H. W. Pearson, treas. Cap. stk. $3,000,000.
Iron—John L. Labby, 325 Chamber of Commerce.
Iron—Lackawanna Iron Co., 200 Chamber of Commerce. M. J. Davis, pres.; E. F. Clark, secy. and treas.
Stone—Lake Superior Brown Stone Co., 229 Lake ave. S. Francis Omeis, pres. and gen. mgr.; J. B. Howard, v. pres.; A. H. Davis, secy. and treas.
Iron—Lake Superior Consolidated Iron Mines, 615 Lyceum Bldg. Geo. D. Swift, secy. and treas.; W. J. Olcott, supt.
Iron—Lake Superior Iron Co., 420 Lyceum Bldg. Frank Hibbing, pres.; W. D. Vernam, v. pres.; A. J. Trimble, secy.; Peter Deao, treas. Cap. stk. $5,000,000. Mines at Masaba and Hibbing.
Iron—Lone Jack Iron Co., 615 Lyceum Bldg. W. J. Olcott, pres.; G. D. Swift, secy. and asst. treas.
Iron—McKinley Iron Co. Cap. stk. $5,000,000. Mine at McKinley.
Iron—P. H. Martin, 324 Chamber of Commerce.
Nick.—A. R. Merritt, 518 Chamber of Commerce. Nickel.
Nick.—F. W. Merritt, 41st ave. W. and 4th st. Nickel.
Nick.—Merritt Nickel Mining Co., 518 Chamber of Commerce. N. B. Merritt, pres.; A. E. McManus, secy. and treas.
Iron—Mesabi Chief Iron Co., 24 & 25 Exchange Bldg. J C. Mishlen, pres.; Clinton Markell, v. pres.; A. T. Crossley, secy. and treas. Mine at Hibbing.
Iron—Mesabi Iron Co.
Iron—Mesabi Land Co., 11 Exchange Bldg. A. G. McKinley, v. pres. and treas.; D. McKinley, Jr., secy.
Misabi Mountain Iron Co., 615 Lyceum Bldg. W. J. Olcott, pres.; G. D. Swift, secy. and asst. treas.
Misabi and Northern Townsite Co., 615 Lyceum Bldg. W. J. Olcott, pres.; G. D. Swift, secy. and asst. treas.
Iron—N. D. Moore. (See Iron Chief Mg. Co.)
Iron—New England Iron Co., 414 Torrey Bldg. Frank Cox, pres.; S. W. Eckman, secy. and treas.
Iron—Oneota Iron Mining Co., Palladio Bldg. Cap. stk. $1,500,000. Mine at Masaba.
Nick.—Pipe Lake Nickel Mining Co.
G.S.—Rainy Lake Mining & Improvement Co., 317 Burrows Blk. Gold and silver. J. H. Nordby, v. pres.; A. R. Anderson, secy.; C. W. Ericson, treas.
Iron—Rouchleau-Ray Iron & Land Co., 216 W. Superior st. Louis Rouchleau, pres. and gen. mgr.; W. B. Ardoun, v. pres.; R. C. Ray, secy. and treas.
Iron—G. A. St. Clair, 515 E. 2nd st.
Stone—A. M. Shearns.
Silver—Silver Lake Mining Co., 216 E. 14th st. Silver.
Iron—Standard Ore Co., 41 Exchange Bldg. F. A. Bates, pres. and gen. mgr.
Iron—Sullivan Iron Co., 208 Herald Bldg. J. F. Hale, pres.; C. P. Craig, v. pres.; S. F. Snively, secy.
Nick.—Trilla Belle Nickel Mining & Con. Co.
Iron—A. J. Trimble. See Lake Superior Iron Co.
Iron—Virginia Iron Co., 414 Torrey Bldg. A. E. Humphreys, pres.; S. W. Ericson, secy. and treas.
Iron—Vulcan Iron Co., 409 Woodbridge Bldg. Faye Walker, pres.; J. H. Harris, gen. mgr. and treas.
Iron—Wahkoorah Mining Co., 615 Lyceum Bldg. W. J. Olcott, pres.; G. D. Swift, secy. and asst. treas.
Iron—Grant Wyatt, 200 Trust Co. Bldg.
Iron—Wyoming Iron Co., 414 Torrey Bldg. E. A. Humphreys, pres.; Frank Cox, secy. and treas.
Iron—Zenith Iron Co., 204 Palladio Bldg. A. W. Bradley, pres.; E. L. Bradley, secy. and treas.

ELY, St. Louis Co. Pop. 2,260. M.O. Tel. Ry. 263.
Iron—Chandler Iron Co., 506 Ellsworth Bldg., Chicago. Chandler mine. Shaft, 500 ft. Hematite ore. Steam.
Gold—A. W. Dutton.
Iron—Anderson Iron Co., Duluth. Anderson mine. Shaft. Bessemer ore.
Iron—North Western Iron Co., 47 Loan and Trust Bldg., Milwaukee, Wis. North Western mine. Open pit. Bessemer ore.
Iron—Pioneer Iron Co. Thos. Bardon, pres.; W. H. Phipps, treas.; Thos. Wilson, gen. mgr.; H. B. Sturtevant, buyer and supt. Pioneer mine. Shaft, 750 ft. Soft hematite ore. 240 employes. Steam.
Iron—Pioneer Vermilion Iron Works. Pioneer mine. Open pit. Red hematite, bessemer ore. Steam.

EVELETH, St. Louis Co. Pop. 764 Ry. 263; 265.
Iron—Fayal Iron Co., 506 Ellsworth Bldg., Chicago. Fayal mine. Shaft. Hematite ore.

FARIBAULT, Rice Co. Pop. 7,616. M.O. Tel. Ry. 174; 532.
Stone—Dennis Bebault.
Stone—C. E. Carver.
Stone—P. Cromer.
Stone—M. Farvican.
Stone—Christian Roell.

FOND DU LAC, St. Louis Co. Tel. Ry. 267a; 779.
Stone—Krause & Hulett. Cap. $20,000. Fond du Lac brownstone quarry. Sandstone. 1,000 cars; 30 employes. Stone mill, 1 gang. Steam.

GRAND MARAIS, Cook Co. Pop. 55. Ry. 447. Banking town Two Harbors.
Silv.—North Shore Mining Co., 54 Henry st., Detroit, Mich. North Shore mine. Silver. Shaft and open cuts. (Developing.)

GRANITE FALLS, Yellow Medicine Co. Pop. 927. M.O. Tel. Ry. 174; 346.
G.S.—Ben Harrison Gold & Silver Mining Co.
Stone—Granite Falls Stone Quarry.
G.S.—Minnesota Valley Gold & Silver Mining Co.

HADER, Goodhue Co. Pop. 51. Banking town and Ry. Kenyon, 171.
Stone—T. P. Skorsatta.

HIBBING, St. Louis Co. Pop. 1,090. Tel. Ry. 265; 265a.
Iron—Lake Superior Iron Co., Duluth.
Iron—Longyear Iron Mining Co.
M.E.—E. J. Longyear, Mining Engineer. Specialty: Exploring iron lands. Graduate Michigan Mining School, 1888.
Iron—Mesabi Chief Iron Co., 24 & 25 Exchange Bldg., Duluth. Mesabi Chief mine. Shaft, 82 ft. Mesabi ore. Steam.
Iron—Sellers Ore Co., Pittsburg, Pa. Sellers mine. Shaft, 125 ft. C. H. Munger, mine supt.

IRONTON, St. Louis Co. P.O. Duluth. Ry. 267a.
Roll.M.—Iron Structural Steel Co., 313 Lyceum Bldg., Duluth. John L. Stevenson, supt.

JACKSON, Jackson Co. Pop. 1,356. M.O. Tel. Ry. 174.
B.Coal—R. H. Emerson.
B.Coal—Standard Mining Co.

JASPER, Pipestone Co. Pop. 523. M.O. Tel. Ry. 102; 346.
Stone—Blue Stone Quarry Co. Bluestone.
Gran.—Dakota & Minnesota Stone Co. Granite.
Gran.—Sioux Valley Stone Co. Jasper, Pipestone, Garretson and Bayfield quarries. Grey granite. Polishers and crushers. Steam.

JORDAN, Scott Co. Pop. 1,459. M.O. Tel. Ry. 180; 532.
Gold—Jordan Mining Co.

KASOTA, Lesueur Co. Pop. 739. M.O. Ry. 160; 180. Banking town St. Peter.
Stone—C. W. Babcock & Co. Limestone. 1,600 car loads. Stone mill, 300 ft. daily capacity.
Stone—Breen Stone Co., Germania Life Bldg., St. Paul. Kasota quarry. Limestone. 200,000 ft.; 200 days; 50 employes. Stone mill, 600 ft. daily capacity. Steam. M. Mulligan, supt.
Stone—Kasota Quarry Co. Limestone.

KETTLE RIVER, Pine Co. P.O. and Ry. Willow River, 779.
Stone—Kettle River Quarries. Sandstone.

LA PRAIRIE, Itasca Co. Pop. 610. M.O. Tel. Ry. 264.
Iron—Buckeye Mining Co., St. Paul. Buckeye and Diamond mines. Bessemer ore. Steam.
Iron—Hoch Hoching Iron Co., St. Paul. Lancaster mine. Bessemer ore. Steam.

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LITCHFIELD, Meeker Co. Pop. 2,044. M.O. Tel. Ry. 346.
Sur.C.E.—N. Y. Taylor, Surveyor and Civil Engineer.

LITTLEFALLS, Morrison Co. Pop. 5,116, M.O. Tel. Ry. 617.
Gran.—F. Averill. Granite. 100 cords. Horse.

LUVERNE, Rock Co. Pop. 1,890. M.O. Tel. Ry. 102; 180.
Stone—Blue Mound Quarry.

McKINLEY, St. Louis Co. Pop. 136. Ry. 263. Banking town Biwabik.
Iron—McKinley Iron Co., Duluth. McKinley mine. Shaft. Bessemer and soft hematite ore.

MANKATO, Blue Earth Co. Pop. 11,000. M.O. Tel. Ry. 160; 174; 180; 532.
Stone—T. R. Coughlin. Limestone.
Stone—W. B. Craig. Limestone.
Stone—Fowler & Pay. Limestone. 4,000 cars; 40 employes. Lime works, 45,000 barrels. Cement works at Austin, 65,000 barrels. Steam.
C.E.—M. B. Haynes, C. E. City Engineer.
Stone—Adam Jefferson.
Stone—Wheeler & Bennett.
Stone—Widell & Co.

MANTORVILLE, Dodge Co. Pop. 551. M.O. Ry. Kasson.
Stone—F. P. McDonough. Limestone. 300 cars; 12 employes. Stone mill. Steam.
Stone—Williard & Polchow. Limestone.

MASABA, St. Louis Co. M.O. Ry. Mesaba, 263.
Iron—Iron Belt Mg. Co., Duluth.
Iron—Oneota Iron Mining Co., Duluth. Oneota mine. Shaft. Red hematite ore.

MERRITT, St. Louis Co. P.O. and Ry. Biwabik, 263; 265.
Iron—Bessemer Iron Co. Bessemer mine. Shaft.
Iron—Chicago Iron Co., Duluth.
Iron—Cincinnati Iron Co., Duluth. Cincinnati mine. Open pit. Bessemer ore.
Iron—Hale Iron Co., Duluth. Open pit. Bessemer ore.
Iron—Iron Cliff Mining Co., Duluth. Iron Cliff mine. Red hematite ore. Shafts. Steam.

MINNEAPOLIS, Hennepin Co. Pop. 193,000. M.O. Tel. Ry. 166; 174; 346; 533; 535; 617; 779.
Iron—Allegheny Iron Mining & Milling Co., 442 Boston Blk.
Gold—Amer Gold Mining & Smelting Co.
Stone—Anderson & Larson, 1716 Buchanan st.
Met.M.E.—William R. Appleby, B. A., Professor of Mining and Metallurgy, University of Minnesota, 911 5th St. S. E.
Iron—Ashland Iron & Steel Co., 36 Chamber of Commerce.
Gran.—Wm. C. Baxter, 2845 Aldrich ave. S. Cap. $50,000. Quarry at Ortonville.
Gold—Birch Coulee Placer & Gold Co., 609 Boston Blk. W. M. Adrain, gen. mgr. Quartz mining.
S.L.—Canadian Pacific Mining & Milling Co., 322 New York Life Bldg. Elias Fitterling, pres.; Dr. W. H. Mitchell, v. pres.; J. C. Blodgett, secy. and buyer; E. F. Vennum, treas.; A. D. Westby, gen. mgr. Cap. stk. $500,000. Mine at Ainsworth, B. C.
Met.M.E.—Peter Christianson, B. S., Instructor in Mining and Metallurgy, University of Minnesota.
Gold—Columbia Placer Co., 560 Temple Ct. H. C. Truesdale, pres.; R. G. Anderson, v. pres.; H. L. Woodburn, secy.; Lucian Swift, Jr., treas.
C.E.—Geo. W. Cooley, Civil Engineer, 642 Boston Blk.
Stone—J. F. Crichton, 23rd & River.
Attys.—Cross, Hicks, Carleton & Cross, 632 Boston Blk. (Judson N. Cross, Henry G. Hicks, Frank H. Carleton and Norton M. Cross.) Attorneys at Law.
C.M.E.—F. W. Denton, Professor of Civil and Mining Engineering, University of Minnesota.
Iron—Diamond Iron Mining Co., 18th ave. & 1st st.
U.S.Sur.—Geo. K. Dike, U. S. Land Surveyor, 2323 James ave., North.
C.E.—Rennie B. Fanning, Civil Engineer, 602 Kasota Bldg.
Stone—Fleetham & Son, 37th ave. & Main st. Columbia Heights quarry. Limestone. 50,000 ft.; 250 days; 35 employes. Steam.
G.S.—Forest Hill Mining and Milling Co., 407 Sykes Blk. L. Cavnah, pres. and gen. mgr.; H. L. Shepard, v. pres.; P. P. Stoltzman, secy.; W. D. Butterfield, treas. Cap. stk. $2,000,000, pd. up. Mine at Tin Cup, Colo.
Silv.—Guaranty Silver Claim, 4629 Tremont ave.
Stone—Hastings Cut Stone Co., Main & 7th S. sts. Thos. Hastings, pres. and gen. mgr.; Samuel Hastings, secy.
Stone—Hill, Parry & Co.
Gr.Mb.—Minneapolis Granite & Marble Wks., 411 W. 26th st. D. O. Bircher, propr.
Gran.—Minneapolis Gran. & Polishing Co., 535 Boston Blk.
Roll.M.—Minneapolis Rolling Mills, 120 Temple Ct. J. F. Conklin, pres.; O. C. Merriman, v. pres.; F. G. James, secy.; E. S. Barring-Gould, treas.

MINNEAPOLIS—Continued.
L.Z.—Minneapolis & Webb City Mining Co. Lead and zinc. Mine at Webb City, Mo.
Stone—Minnesota Sandstone Co., 331 Hennepin ave. Geo. W. Bestor, pres.; E. C. Cooke, v. pres.; Clarkson Lindley, secy. Cap. stk. $250,000, $50,000 pd. up. Quarry at Sandstone.
Stone—John Nelson, 720 New York Life Bldg.
Gold—Northwestern Mining & Milling Co., 301 Berry Blk. J. B. Flanigan, pres.; John Grimes, v. pres.; S. S. Johnson, secy.
Cemt.—Portland Cement Co., 256 First ave.
Gold—Riverside Mining & Milling Co., Com. Exch.
Gran.—Rock Valley Granite Co. Quarry at Smedes Forest. (P.O. Belview.)
Met.M.E.—Sharpless and Winchell (F. F. Sharpless, H. V. Winchell), 809, 811 Wright Block. Analytical Chemists, Assayers and Geologists. Consulting Mining Experts and Metallurgists.
Met.—Frederick Fraley Sharpless, Analytical Chemist and Metallurgist, 811 Wright Block.
Gold—Stillwater Mining Co.
Gold—Washburn Mining & Milling Co.
Geol.Exp't.—Horace V. Winchell, Geologist and Mining Expert, 811 Wright Blk. Graduate University of Michigan, 1889.
G.S.—Winston & Kendrick, 2 Union Depot.

MONTICELLO, Wright Co. Pop. 828. M.O. Tel. Ry. 346.
Gold—Minnesota Mining Co.
Iron—J. N. Stacy & Co. Monticello mine. Manganese ore.

MORGAN, Redwood Co. Pop. 358. M.O. Tel. Ry. 160.
Stone—F. Meyerding.

MORSE, St. Louis Co. P.O. and Ry. Ely, 263.
Iron—Central Vermilion Iron Co., St. Paul. Central Vermilion mine. Shaft. Steam.

NEW ULM, Brown Co. Pop. 4,790. M.O. Tel. Ry. 160.
Stone—New Ulm Stone Co. Redstone quarry. Granite.

NORTH REDWOOD, Redwood Co. Ry. name Redwood, 532. Banking town Redwood Falls.
Stone—Chas. Fleischer. North Redwood quarry. Sandstone. 450 cords; 70 days; 6 employes.

OAK CENTER, Wabasha Co. Banking town and Ry. Lake City, 174.
Sur.—Geo. H. Beaty, County Surveyor.

ORTONVILLE, Bigstone Co. Pop. 1,180. M.O. Tel. Ry. 174.
Gran.—Wm. C. Baxter, 2845 Aldrich ave., S. Minneapolis. Ortonville quarry. Red granite. 50,000 cords; 240 days; 80 employes. Steam.

PINE ISLAND, Goodhue Co. Pop. 732. M.O. Tel. Ry. 160.
Stone—Chas. Hamlin.

PIPESTONE, Pipestone Co. Pop. 1,668. M.O. Tel. Ry. 102; 174; 180; 346.
C.E.Sur.—Francis J. Bowne, Civil Engineer and County Surveyor.
Stone—Pipe Stone Quarry Co. Stone quarry. Horse.
Stone—Sioux Valley Stone Co.

RICHMOND, Stearns Co. Pop. 339. P.O. Forah. Tel. Ry. 346.
Gold—Sauk River Mining Co.

ROCHESTER, Olmsted Co. Pop. 6,430. M.O. Tel. Ry. 160.
Stone—Geo. Jenkins.

ST. CHARLES, Winona Co. Pop. 1,416. M.O. Tel. Ry. 160; 963.
Stone—H. A. Palmer.

ST. CLOUD, Stearns Co. Pop. 9,200. M.O. Tel. Ry. 346; 617.
Gran.—Anderson & Co. Gray granite. Horse.
Gran.—Walter Arnold. Granite. 25,000 cords; 200 days; 40 employes. Steam.
Stone—Ashworth & Co.
Gran.—Berwick & Anderson. Granite.
Gran.—Carlston Bros. & Co. Granite.
Gran.—Cox & Hennessey. Granite.
Gran.—Drake & Co., St. Paul. Drake's quarry. Red granite. Steam.
Stone—Frost & Ashworth.
Gran.—A. Gustafson. Granite. Horse.
Gran.—G. J. Hilder. Granite. Steam.
Gran.—Holes Bros., 1117 St. Germain st. Red Rock quarry.
Gran.—Jones Bros. Granite Co. S. A. Jones, gen. mgr. and buyer. Cap. $3,000. Dark red granite. 275 days; 30 employes. Granite mill. Steam.
Gran.—Larson Bros. & Johnson. Granite.

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ST. CLOUD—Continued.
Gran.—Minnesota State Reformatory. Red and gray granite.
Gran.—Nelson & Larson. Granite.
Gran.—North Western Granite Co. Granite.
Gran.—Northern Granite Co. Granite.
Gran.—J. B. Robinson. Granite.
Gran.—St. Cloud Granite Co. St. Cloud quarry. Pink granite. Horse.
C.E.—Frank A. Smith, City Engineer, McClure & Seaile Blk. Graduate Maine State College, 1888.
Gran.—Standard Granite Co. Granite.

ST. PAUL, Ramsey Co. Pop. 140,300. M.O. Tel. Ry. 166; 171; 174; 180; 346; 532; 533; 535; 617; 779; 957.
Gold—Alaska-Mexican Gold Mine Co.
Stone—Charles Alberg, 112 Lyton st. Fort quarry. Limestone. 50,000 perch; 200 days; 10 employes. Steam.
Stone—W. H. Almer, 118 Douglas st. Sandstone. Quarry at Dunnville, Wis.
Gran.—Walter Arnold. Granite.
Stone—Bayfield Brownstone Development Co., 201 Drake Blk. A. M. Drake, pres.; R. D. Pike, v. pres., gen. mgr. and buyer; H. T. Drake, secy. and treas. Cap. stk. $50,000, pd. up. Quarry at Bayfield, Wis.
Stone—John Bergstrom, ft. of Palmer st.
Stone—Breen Stone Co., Germania Life Bldg. John T. Young, pres., gen. mgr. and buyer; T. E. Mulligan, secy. and treas. Cap. stk. $50,000. Limestone. Quarry at Kasota.
Iron—Buckeye Iron Co. Cap. stk. $3,000,000. 601 Pioneer Press Bldg. Mine at La Prairie.
Stone—Butler Ryan Co., 138 E. 6th st. Walter B. Butler, pres.; M. P. Ryan, v. pres.; John Butler, secy.; Wm. Butler, treas.
Iron—Campbell Iron Co., 601 P. P. Bldg.
Iron—Central Vermillion Iron Co. Mine at Morse.
G.S.—Clancy Creek Mining Co., 540 Endicott Bldg. Gold and silver. A. S. Morton, pres.; E. H. C. Taylor, v. pres.; Chas. P. Johnson, secy.
Gold—Coeur d'Alene, Nellie Mining Co.
Gran.—Drake & Co., 359 Drake Blk. James H. Drake, pres.; A. M. Drake, secy. Quarry at St. Cloud.
Stone—Hennessey Bros. & Co., 205 New York Life Bldg.
Iron—Hoch-Hoching Iron Co., 601 P. P. Bldg. Mine at La Prairie.
Nick.—Johnson Nickel Mining Co., 518 Manhattan Bldg. Frank Johnson, pres. and treas.; Otto Monson, secy.
Stone—Paul Kolasse, Stewart ave. nr. Victoria st.
Stone—Jacob Lauer, 252 Erie st.
C.E.—Chas. F. Loweth, Consulting Civil Engineer, 94 E. Fourth st.
Stone—McMullen & Morris, 428 and 430 Endicott Bldg.
Iron—Mill Creek Mining Co., 713 Pioneer Press Bldg. James Smith, Jr., pres.; John Niven, v. pres.; Ralph Martin, secy.
G.St.—J. D. Moran Mfg. & Cons. Co., 817 W. 7th st. J. D. Moran, pres. and treas.; P. J. Ryan, v. pres. and secy. Cap. stk. $600,000, $112,000 pd. up. Clay Street quarry. Limestone. 20,000 yards; 200 days; 40 employes. Stone crusher, 125 yards daily capacity. Steam. D. J. Ryan, quarry supt. Operate 1 mile ry., 1 locomotive and 30 cars.
Gold mine at Eau Claire, Wis. (Developing.)
Gran.—St. Paul Granite and Marble Works, 941 Jackson st.
B.Coal—Sandcoulee Coal Co., G. N. R. R. Bldg.
Stone—Chas. Stone, Joy ave. nr. Omaha R. R. bridge.
G.S.—E. M. Tillotson, 547 Carroll st. Gold and silver. Mines at Dumont, Colo.
Stone—Rudolph Vollmer, Roberts and George sts.
Stone—Wenisch and Bourgault, foot Market st.
Stone—T. P. Wilson, 50 Gilfillan Blk.
Stone—Jas. A. Young & Sons, foot Chestnut st.

SANDSTONE, Pine Co. Pop. 1,054. M.O. Tel. Ry. 346.
Stone—Minnesota Sandstone Co., 331 Hennepin ave., Minneapolis. Sandstone. 30,000 yds.; 260 days; 275 employes. Stone mill, 600 ft. daily capacity. Water.

SAUK RAPIDS, Benton Co. Pop. 1,313. M.O. Tel. Ry. 617. Banking town St. Cloud.
Stone—Allen Cameron.
Stone—Coates & Cross.

SOUDAN, St. Louis Co. M.O. Tel. Ry. Tower Junction, 263.
Iron—Minnesota Iron Co., Chicago.

STILLWATER, Washington Co. Pop. 12,004. M.O. Tel. Ry. 174; 180; 779.
Gold—Lumbermans Mining Co.
G.S.—Mineral Point Mining & Lumber Co.

TOWER, St. Louis Co. Pop. 1,110. M.O. Tel. Ry. 263.
Iron—Minnesota Iron Co., 506 Ellsworth Bldg., 355 Dearborn st., Chicago. Minnesota mine. Shafts. Hematite ore.
Iron—Vermillion Iron Mg. Co., 47 Loan and Trust Bldg., Milwaukee, Wis. Vermillion mine. (Undeveloped.)

VERMILLION LAKE, St. Louis Co. P.O. and Ry. Duluth, 263; 264; 265; 267a; 267b; 346; 617; 779.
Iron—Clingstone Iron Mining Co., 204 Grand ave., Milwaukee, Wis. Clingstone mine. Bessemer ore.
Iron—Inter Ocean Iron Mg. Co., 47 Loan and Trust Bldg., Milwaukee, Wis. Inter Ocean mine. Open pit, 60 ft. Bessemer ore. (Idle.)

VIRGINIA, St. Louis Co. Pop. 3,647. M.O. Tel. Ry. 263; 265.
Iron—Auburn Iron Co., 506 Ellsworth Bldg., Chicago. Auburn mine. Hematite ore.
C.M.E.—C. E. Bailey, Civil and Mining Engineer.
Iron—Norman Iron Mining Co., Chicago.
Iron—Ohio Iron Mining Co., Chamber of Commerce, Duluth. Soft hematite ore. Steam.
Iron—Oliver Mining Co., Pittsburg Pa. Missabe Mt. and Lone Jack mines. Open pits. Soft hematite ore. 500,000 tons; 150 days; 110 employes.

WABASHA, Wabasha Co. Pop. 2,545. M.O. Tel. Ry. 174.
G.S.—Home Gold & Silver Mining Co.

WASIOJA, Dodge Co. Pop. 120. M.O. Ry. 171. Banking town Dodge Center.
Stone—W. E. Osborne. Limestone.
Stone—Wasioja Stone Co., Dodge Center. Limestone. 400 cars; 200 days; 15 employes. Horse.

WYOMING, Chisago Co. M.O. Tel. Ry. 779. Banking town North Branch.
Gyp.—Laurin Day. Gypsum.

MISSOURI

ALBANY, Gentry Co. Pop. 1,334. M.O. Tel. Ry. 167.
Marb.—J. W. Kenyon. Marble.

AMITY, Dekalb Co. M.O. Tel. Ry. 177.
B.Coal—C. H. Hade. (Local.)
B.Coal—H. G. Jones. (Local.)

AMORET, Bates Co. M.O. Tel. Ry. 418. Banking town Amsterdam.
B.Coal—Bates Co-operative Coal Co. (Local.)
B.Coal—Hocker Co. Open pit. (Local.)
B.Coal—C. W. Field. Black Diamond mine. Drift. 1,860 tons; 117 days; 5 employes.
B.Coal—Mascott Coal Mining Co.
B.Coal—S. D. Rowland. Open pit. 200 tons.
B.Coal—J. A. Vance. (Local.)

AMSTERDAM, Bates Co. M.O. Tel. Ry. 418.
B.Coal—B. Cooper. Open pit. (Local.)
B.Coal—Flansburg & Son. Open pit. 150 tons.

ANNAPOLIS, Iron Co. Pop. 690. M.O. Tel. Ry. 771. Banking town Piedmont.
Gran.—J. S. Benson. Granite.

APPLETON CITY, St. Clair Co. Pop. 1,081. M.O. Tel. Ry. 540.
Stone—Henry Leid.

ARDMORE, Macon Co. Ry. Excello, 913.
B.Coal—Kansas & Texas Coal Co., Laclede Bldg., St. Louis. Mine No. 33. Slope; 105,400 tons; 160 days; 230 employes. Mine No. 43. Shaft, 130 ft.; 43,000 tons; 90 days; 225 employes. Mine No. 46. Shaft, 168 ft.; 125,000 tons; 250 days; 260 employes. Mine No. 48. Shaft, 60 ft.; 17,300 tons; 90 days; 100 employes. Ferris mine. Drift; 25,000 tons; 210 days; 50 employes. Steam.
Marb.—C. L. Miller. Marble.

ARGO, Crawford Co. Banking town and Ry. Cuba, 31.
Marb.—John Stewart. Marble.

ARROWROCK, Saline Co. Pop. 350. M.O. Ry. Napton, 541.
B.Coal—F. Alexander. Open pit. (Local.)
B.Coal—Wm. Norvell.

ARTHUR, Vernon Co. Pop. 100. Ry. 541. Banking town Nevada.
B.Coal—Arthur Coal Mining Co. S. J. Hudson, pres.; Frank Williams, v. pres., treas. and gen. mgr.; Wm. F. Hudson, secy. and buyer. Cap. stk. $20,000, pd. up. Arthur mines. Open pit. 16,000 tons; 200 days; 30 employes. Horse.
B.Coal—N. Ingram. Open pit. 120 tons. Local.)
B.Coal—Frank Williams & Co. (Local.)

ASHGROVE, Greene Co. Pop. 1,350. M.O. Tel. Ry. 414.
Lead—Golden Eagle Mining Co. Golden Eagle mine.
Marb.—H. B. Kellogg. Marble.
L.Z.—North & Murray. Lead and zinc.
B.Coal—Pennsylvania Coal Co.
L.Z.—Pennsylvania Mining Co. Lead and zinc.

ATLANTA, Macon Co. Pop. 400. M.O. Tel. Ry. 913.
B.Coal—F. Barnham. (Local.)

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AULLVILLE, Lafayette Co. Pop. 300. M.O. Tel. Ry. 541. Banking town Higginsville.
B.Coal—S. J. Fitzgerald. Slope. (Local.)
B.Coal—R. Graham. (Local.)

AURORA, Lawrence Co. Pop. 3,482. M.O. Tel. Ry. 414; 766.
L.Z.—M. M. Apple & Sons. Lead and zinc.
L.Z.—Franklin Berry. Shafts, 35 ft. 25 tons; 7 employes.
L.Z.—Berry Land Mining Co. Lead and zinc.
L.Z.—Berry & Co. B. A. Berry, mgr. Shaft, 38 ft. 80 tons; 225 days; 4 employes.
L.Z.—Blackland Mining Co. Shafts, 80 ft. 540 tons; 8 employes. Crusher. Steam. Lead and zinc.
Zinc—Brinkerhoff Zinc Co. F. H. Brinkerhoff, pres., treas., gen. mgr. and buyer; Geo. Dick, v. pres.; A. Brinkerhoff, secy. Cap. stk. $50,000, $25,000 pd. up. Nickel Plate mine. Shaft, 100 ft. Blende ore. 1,500 tons; 300 days; 35 employes. Steam. G. E. Maxwell, mine supt.
Lead—Casey & Co.
L.Z.—Campbell & Co. Shafts, 108 ft. 3,600 tons; 66 employes. Crushers. Steam. Paul Schmook, mine supt.
L.Z.—Cleveland Aurora Mining Co. Shafts, 95 ft. 5,000 tons; 60 employes. Crushers. Steam. C. F. Johnson, mine supt. Lead and zinc.
Zinc—Wm. Coats. Shaft. Zinc. Steam.
L.Z.—Dayton Land Co. Lead and zinc.
L.Z.—Dayton Mining Co. Shafts, 35 ft. 250 tons; 10 employes. C. M. Dayton, mine supt.
L.Z.—Decatur Lead & Zinc Co. Lead and zinc.
L.Z.—Dillard & Co. Shaft and tunnel. Horse.
L.Z.—Eaton & Co. Shaft. Lead and zinc.
L.Z.—Elliott Land Co. Lead and zinc.
L.Z.—Goodman & Co. Lead and zinc.
Lead—Hauk & Co. Shaft, 28 ft. B. A. Berry, mine supt.
L.Z.—Johnson Bros. Turkey Track mine. Shaft, 50 ft. Lead and zinc. Free ore. 240 tons; 10 employes. E. K. Johnston, mine supt.
Marb.—Wm. Kelley. Marble.
L.Z.—Kentueky Land Mining Co. Lead and zinc.
L.Z.—Kentucky Mining Co. Shafts, 65 ft. 500 tons; 36 employes. Steam. Geo. Van Riper, mine supt.
Lead—T. J. Liles. Shafts, 70 ft. 1,700 tons; 37 employes. Crushers.
Zinc—Little Rustler Mining Co. Zinc.
L.Z.—Louisville Lead & Zinc Co.
L.Z.—Midland Mining Co. Lead and zinc.
L.Z.—Minor & Rogers. Lead and zinc.
L.Z.—E. Nathan. Lead and zinc.
L.Z.—P. M. Pfau. E. K. Johnston, supt. and buyer. Cap. $50,000. Elliott Orchard mines. Shafts, 80 ft. 15,000 tons; 300 days; 35 employes. Steam and horse.
L.Z.—Plumb, Minor & Rogers. Lead and zinc.
Lead—Jas. Ratcliff. Shaft. Horse.
L.Z.—G. W. Rinker. (See Rinker Lead & Zinc Co.)
L.Z.—Rinker Lead & Zinc Co. G. W. Rinker, pres.; S. H. Minor, v. pres., treas., gen. mgr. and buyer; K. A. Minor, secy. Cap. stk. $60,000, pd. up. Shafts. 30 to 125 ft. 945,556 tons. J. L. Rinker, supt.
Zinc—Robertson & Co. Zinc.
Zinc—Rogers Zinc Co. Gold Dust mine. Shaft, 110 ft. Blende ore. 600 tons; 200 days; 20 employes. Steam. C. C. Mathey, mine supt.
L.Z.—H. C. Ruly. Lead and zinc.
L.Z.—St. Louis-Aurora Mining Co., 317 No. 4th st., St. Louis. St. Louis-Aurora mines. Shafts. 30 employes. L. W. Hubbell, mine supt.
L.Z.—John Schmook. Shafts, 105 ft. Lead and zinc. 620 tons; 40 employes. Steam.
L.Z.—Schmook Land Mining Co. Lead and zinc.
Zinc—Silver Plume Mining Co. Budweiser mine. Shaft.

AURORA— Continued.
100 ft. Blende ore. 300 tons. 200 days; 10 employes. Steam.
L.Z.—Smith & Co. Lead and zinc. Shaft, 32 ft. Silicate ore.
L.Z.—Spell & Scott. Lead and zinc.
L.Z.—Terre Haute Land Mining Co. Lead and zinc. Shafts, 110 ft. 2,050 tons; 85 employes. Crusher. Steam.
L.Z.—Union Lead & Zinc Co. Shaft, 90 ft. 1,935 tons; 10 employes. Crusher. Steam.
L.Z.—Valley Queen Mining Co. Lead and zinc.

AUXVASSE, Callaway Co. Pop. 520. M.O. Tel. Ry. 154.
B.Coal—Henderson & Reynolds. (Local.)

BARNARD, Nodaway Co. Pop. 427. M.O. Tel. Ry. 419.
B.Coal—Jolie Bros. (Local.)

BARNETT, Morgan Co. Pop. 94. Banking town and Ry. Versailles, 541.
B.Coal—I. N. Crane. (Local.)

BEBRA, Morgan Co. Ry. Syracuse, 541. Banking town Tipton.
Lead—Mono Lead Mining & Smelting Co.

BELLAMY, Vernon Co. Banking town and Ry. Sheldon, 541.
B.Coal—Edward Green. (Local.)

BERTHA, Pettis Co. Ry. Sedalia, 540; 541; 814.
B.Coal—Frank Kenoyer. (Local.)

BEVIER, Macon Co. Pop. 876. M.O. Tel. Ry. 362.
B.Coal—Bevier Black Diamond Coal Co. Bevier mine. Shaft, 50 ft. 51,000 tons; 140 days; 220 employes. Steam.
B.Coal—Gronaway & Lewis. Shaft, 40 ft. 200 tons.
B.Coal—James & Son. Shaft, 50 ft. 500 tons; 100 days; 3 employes. Horse.
B.Coal—Loomis Coal Co. Mines Nos. 1, 4 and 7. Two shafts, 64 ft. and one shaft, 50 ft. 80,000 tons; 119 days; 275 employes. Steam.
B.Coal—Watson Coal Mining Co. Watson mine No. 1. Shaft, 75 ft. 22,000 tons; 130 days; 40 employes.
Watson mine No. 2. Shaft, 85 ft. 25,000 tons; 170 days; 75 employes. Steam.

BISMARCK, St. Francois Co. Pop. 837. M.O. Tel. Ry. 771. Banking town Farmington.
Gran.—Wm. Garrett. Granite.

BLACKBIRD, Putman Co. Ry. 167. Banking town Unionville.
B.Coal—Blackbird Coal Co. C. W. Lane, pres.; Geo. W. Jordan, secy. and treas. Shaft, 53 ft. 11,000 tons; 135 days; 50 employes. Steam. Wm. Love, mine supt.

BLACKWELL, St. Francois Co. Pop. 50. Tel. Ry. 771. Banking town Desota.
Bary.—Hawkins & McGready. Barytes.
Lead—Thos. Welch. Barytes and lead

BLENDSVILLE, Jasper Co. M.O. Banking town and Ry. Joplin, 414; 418; 541; 760.
L.Z.—Mahaska Mining Co., Joplin. 2 shafts, 40 ft. 235 tons; 6 employes.
L.Z.—Josiah Sturn. Lead and zinc.

BLOOMINGTON, Macon Co. Banking town and Ry. Macon, 167; 913.
B.Coal—Cook & Matherly. (Local.)

BLUEMOUND, Livingston Co. Banking town and Ry. Dawn, 174.
B.Coal—G. McAleer. (Local.)

BONNETERRE, St. Francois Co. Pop. 3,719. M.O. Tel. Ry. 538.
B.Coal—W. E. Fite. (Local.)
Lead—St. Joseph Lead Co. Shafts, 250 ft. 20,430 tons; 284 employes. Crushers. Steam.

BOONVILLE, Cooper Co. Pop. 4,145. M.O. Tel. Ry. 540; 541.
B.Coal—P. J. Back & Co. (Local.)
B.Coal—Hazel Springs Coal Co. Drift. 300 tons; 100 days; 2 employes.
B.Coal—Missouri Valley Coal & Mining Co. Shaft, 40 ft. 600 tons; 150 days; 3 employes. Horse.
B.Coal—Martin Tucker. Drift. 600 tons; 250 days; 3 employes.
C.E.—S. W. Ravenel, Civil Engineer and Architect.

BOSTON, Barton Co. Pop. 150. Tel. Ry. 541. Banking town Lamar.
B.Coal—J. W. Bell. Slope. 540 tons.
B.Coal—Chas. Holmstrom. Slope. 320 tons.

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BOSTON—Continued.
B.Coal—John Laws. (Local.)
B.Coal—W. H. & J. A. Still. Open pit. 160 tons.

BOURBON, Crawford Co. Pop. 100. M.O. Tel. Ry. 766.
Stone—M. O. Taylor. Sandstone.

BOWLING GREEN, Pike Co. Pop. 1,564. M.O. Tel. Ry. 154; 764.
Marb.—G. W. Chapple. Marble.

BRONAUGH, Vernon Co. Pop. 148. M.O. Tel. Ry. 541.
B.Coal—W. C. Burton. Open pit. 480 tons; 4 employes. (Local.)
B.Coal—Larkin Coal Co. Open pit. 120 tons.
B.Coal—J. C. Lucas. Open pit. 600 tons; 50 days; 3 employes. (Local.)
B.Coal—T. H. W. Reed. Open pit. 100 tons.
B.Coal—L. H. Saggs. (Local.)
B.Coal—Peter Smith. (Local.)
B.Coal—John Stoll. Open pit. 400 tons; 60 days; 3 employes.
B.Coal—J. W. Webb. Open pit. 40 tons.

BROOKFIELD, Linn Co. Pop. 4,550. M.O. Tel. Ry. 362.
B.Coal—J. C. Bottomly. Yellow Creek mine. Shaft, 150 ft. 10 employes. Horse.
B.Coal—Brookfield Coal Co. Shaft, 155 ft. 6,000 tons; 200 days; 25 employes. Steam.
B.Coal—Clark Coal Co. Shaft, 140 ft. 2,000 tons; 140 days; 10 employes. Horse.
B.Coal—J. W. Morris. (Local.)
B.Coal—Bernard Schaefer. Shaft, 150 ft. 3,570 tons; 160 days; 13 employes. Horse.
Marb.—Stewart & Legitt. Marble.
B.Coal—John Ziehr. (Local.)

BROWNINGTON, Henry Co. Pop. 329. M.O. Tel. Ry. 417. Banking town Clinton.
B.Coal—Black Diamond Coal Co.
B.Coal—D. C. Blanchard & Son. Shaft, 85 ft. 10,000 tons; 230 days; 40 employes. Steam.
B.Coal—Co-operative Coal Co. Shaft, 75 ft. 4,000 tons; 180 days; 20 employes. Steam.
B.Coal—Henry Hobbs. (Local.)
B.Coal—J. Hobbs. (Local.)
B.Coal—H. H. Stevens. (Local.)
B.Coal—John Thompson & Co. (Local.)
B.Coal—R. L. Thompson. Shaft, 50 ft. 5,000 tons; 195 days; 30 employes. Horse.

BROWNS STATION, Boone Co. Pop. 55. M.O. Ry. 913. Banking town Columbia.
B.Coal—Isaac Davis. Open pit. 300 tons.
B.Coal—Walter Jones.
B.Coal—Henry Rogers. Shaft, 20 ft. 500 tons; 240 days; 3 employes. Horse.

BUNCETON, Cooper Co. Pop. 500. M.O. Tel. Ry. 541.
B.Coal—A. Palmberg. Stevens mine. Shaft, 100 ft. Tunnel, 400 ft. 200 days. Horse.

BURLINGTON JUNCTION, Nodaway Co. M.O. Tel. Ry. 167; 419; 634.
B.Coal—Thomas Howard. Potts mine. Shaft, 35 ft. 1,000 tons; 225 days; 6 employes.
B.Coal—C. J. Rees. (Local.)

CABOOL, Texas Co. Pop. 360. M.O. Tel. Ry. 414. Banking town Houston.
Onyx—J. A. Simpson & Co., S. W. Cor. Square, Mountain Grove. Onyx quarry.

CADET, Washington Co. Pop. 117. Tel. Ry. 771. Banking town De Soto.
L.Z.—Shibboleth Lead Mining Co. Shafts, 30 ft. 264 tons. J. B. Lathey, mine supt.

CAIRO, Randolph Co. M.O. Tel. Ry. 913. Banking town Moberly.
B.Coal—J. M. Cooley. (Local.)

CALHOUN, Henry Co. Pop. 630. M.O. Tel. Ry. 540.
B.Coal—Calhoun Coal Co.
B.Coal—B. F. Mundy. Slope. 15,000 tons; 290 days; 5 employes. Horse.

CALIFORNIA, Moniteau Co. Pop. 1,782. M.O. Tel. Ry. 541.
Marb.—Handley & Yarnell. Marble.

CAMDEN, Ray Co. Pop. 660. M.O. Tel. Ry. 31; 913. Banking town Richmond.
B.Coal—B. Brown. (Local.)
B.Coal—Wm. Hensley. (Local.)
B.Coal—Mosby Coal Co. Mine No. 10. Slope. 1,000 tons; 120 days; 6 employes. Horse.
B.Coal—Richmond Coal Co.

CANTON, Lewis Co. Pop. 2,250. M.O. Tel. Ry. 774.
Marb.—Wm. Dillon. Marble.
Stone—Thompson & Gray Quarry Co., 202 Wainwright Bldg., St. Louis. Canton quarry. Limestone. 50,000 yards; 250 days; 50 employes. Steam.

CAPE GIRARDEAU, Cape Girardeau Co. Pop. 5,000. M.O. Tel. Ry. 769.
Marb.—R. W. Barber. Marble.
Gran.—Cape Girardeau Granite Co. Granite.
Marb.—Cape Lime & Marble Co. Marble. Lime kilns.
Marb.—M. J. Fagan. Marble.
Marb.—Henry Henze. Marble.
Marb.—Wm. Regenhardt. Marble.
Marb.—H. T. Roehl. Marble.

CARBON CENTER, Vernon Co. Pop. 210. M.O. Tel. Ry. 414. Banking town Richhill.
B.Coal—Carbon Center Coal Co.
B.Coal—G. S. Hass. (Local.)
B.Coal—E. N. Hurst. (Local.)
B.Coal—Wm. O'Brien. (Local.)

CARROLLTON, Carroll Co. Pop. 3,890. M.O. Tel. Ry. 31; 165; 913.
Marb.—W. & P. Bidstrup. Marble.

CARTERVILLE, Jasper Co. Pop. 2,890. M.O. Tel. Ry. 541.
L.Z.—G. W. Beasley. Lead and zinc.
L.Z.—Chatham Mining Co. Lead and zinc.
L.Z.—Cherokee Mining Co. Lead and zinc.
L.Z.—Daugherty, Davey & Daugherty. Shafts, 120 ft. 900 tons; 40 employes. Steam. Lead and zinc.
L.Z.—Daugherty & Davey. Shaft, 120 ft. 92 tons; 8 employes. Crusher. Steam.
L.Z.—Davey, Tower & Co. Shafts, 135 ft. 1,600 tons; 25 employes. Crushers. Steam.
L.Z.—W. G. Davison, Webb City. Lead and zinc. Shafts, 115 ft. to 185 ft. Refractory ore. 3,000 tons; 250 days; 35 employes. Steam.
L.Z.—Ealor Land & Cornfield Mining Co. Lead and zinc.
L.Z.—Easton Star Mining Co. Lead and zinc.
L.Z.—S. C. Edgar. Shafts, 150 ft. 400 tons; 10 employes. Steam.
L.Z.—Eleventh Hour Mining Co., Webb City. Shafts, 130 to 225 ft. Tunnels, 10 to 400 ft. 300 days; 300 employes. 13 concentrating plants. Ore cleaners. 5 steam drainage pumps. Steam. J. S. Thombs, mine supt.
L.Z.—Get There Mining Co, Webb City. Lead and zinc. Shafts, 160 ft. 580 tons; 20 employes. Steam.
L.Z.—Grasshopper Mining Co. Lead and zinc.
L.Z.—Grubb & Stamp. Lead and zinc.
L.Z.—M. L. Hardin. Lead and zinc.
L.Z.—Hardin Mining Co. Mine at Webb City.
L.Z.—Homestead Zinc & Lead Co. Shaft, 180 ft. 500 tons; 5 employes. Steam.
L.Z.—Kane & Davey. Lead and zinc.
L.Z.—Keller Mining Co. Lead and zinc.
L.Z.—Lamar Mining Co. Lead and zinc.
L.Z.—Motley Mining Co. Lead and zinc.
L.Z.—Mound City Mining Co., Webb City. Shaft, 185 ft. 1,400 tons; 14 employes. Crushers. Steam.
L.Z.—B. D. Mowry. Lead and zinc.
L.Z.—North Carterville Draining Co. Lead and zinc.
Lead—D. M. Page. Lead.
L.Z.—E. N. Perry, Joplin. Perry mines. Lead and zinc. Shafts, 175 ft. 3,170 tons; 45 employes. Crushers. Steam.
L.Z.—Richland Mining Co., Mansfield, Ohio. Richland mine. Lead and zinc. Shaft, 170 ft. 670 tons lead, 2,000 zinc; 312 days; 40 employes. Breaker. Steam. J. M. Waugh, supt.
L.Z.—Schoenberger & Zogg Mining Co. Lead and zinc.
L.Z.—Tenderfoot Mining Co., Webb City. Lead and zinc. Shaft, 200 ft. 670 tons; 19 employes. Crusher. Steam.
L.Z.—Troup Mining Co., Webb City. Lead and zinc. Shafts, 200 ft. 3,000 tons; 80 employes. Crushers. Steam.
L.Z.—Blanton Wyatt. Lead and zinc.
Zinc—Victor Mining Co., Webb City. Shaft, 213 ft. 2,920 tons; 30 employes. Crushers. Steam.

CARTHAGE, Jasper Co. Pop. 7,790. M.O. Tel. Ry. 541; 766.
L.Z.—Alba Co. Lead and zinc.
Lead—American Zinc Co.
Stone—Carthage Quarry and Construction Co. G. M. Viernow, pres.; M. F. Viernow, v. pres.; J. R. S. Nichols, secy.; L. McLaughlin, treas. Limestone. 300 cars; 300 days; 22 employes. Stone sawmill. Steam. M. F. Viernow, quarry supt.
Marb.—Griffith & Co. Marble.
B.Coal—Hamilton & Burch. (Local.)
L.Z.—Jas. Herrin. Lead and zinc.
B.Coal—Chas. Hubb. (Local.)
L.Z.—Ihlsing Mining Co. Lead and zinc. Shafts, 75 ft. 1,955 tons; 15 employes. Crushers. Steam.
Lead—Jacobs Bros., care 1st Nat'l Bank.
B.Coal—Koontz & Stafford. (Local.)
B.Coal—G. W. Lawrence. (Local.)
Marb.—F. B. Long. Marble.

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CARTHAGE—Continued.
Zinc—Meyers & Jennison. Zinc.
L.Z.—Ozark Mineral Land & Mining Co. Lead and zinc.
Lead—Pacific Mining Co.
L.Z.—John Ruhl. Lead and zinc.
B.Coal—Sanders & Kelly. (Local.)

CEDARVILLE, Dade Co. Pop. 80. Ry. Lockwood, 414. Banking town Greenfield.
B.Coal—Wm. Brown. Open pit. (Local.)

CENTRALIA, Boone Co. Pop. 1,280. M.O. Tel. Ry. 154; 913.
B.Coal—Henry Oldman. Shaft. (Local.)
B.Coal—Wiley & Sons. (Local.)

CENTROPOLIS, Jackson Co. Pop. 510. M.O. Tel. Ry. 417; 541. Banking town Kansas City.
B.Coal—N. J. Israel. (Local.)

CHARLESTON, Mississippi Co. Pop. 3,190. M.O. Tel. Ry. 771.
Marb.—Morris & Pratt. Marble.

CHILLICOTHE, Livingston Co. Pop. 6,000. M.O. Tel. Ry. 174; 362; 913.
B.Coal—W. A. Cox. Eagle mine. 3 employes. (Local.)
Silv.—Elk Mountain Silver Mining Co.
Marb.—Fitzpatrick & Son. Marble.
Marb.—Huff & Seiser. Marble.

CLARKSVILLE, Pike Co. Pop, 1,190. M.O. Tel. Ry. 774.
Marb.—Samuel Williams. (Marble.)

CLINTON, Henry Co. Pop. 4,737. M.O. Tel. Ry. 414; 417; 540.
B.Coal—Wm. England. Shaft, 25 ft. 125 tons.
B.Coal—Hancock Coal Co. Shaft, 35 ft. 17,000 tons; 220 days; 6 employes. Horse.
Marb.—E. S. McNichols. Marble.
B.Coal—B. F. Monday. (Local.)
B.Coal—Morris & Bogart. Shaft, 75 ft. 13,000 tons; 120 days; 40 employes. Steam.
B.Coal—B. L. Owen. (Local.)
B.Coal—Stockton Bros. Shaft, 30 ft. 10,500 tons; 246 days; 30 employes. Horse.
Roll.M.—Weber Bros.

COATSVILLE, Schuyler Co. Pop. 127. M.O. Tel. Ry. 913. Banking town Glenwood.
B.Coal—W. F. James. Slope. (Local.)
B.Coal—A. Mack & Bro. (Local.)

COLUMBIA, Boone Co. Pop. 4,000. M.O. Tel. Ry. 913.
B.Coal—Black Foot Coal Co. Shaft, 127 ft. 2,400 tons; 240 days; 15 employes. Horse.
B.Coal—W. J. Carter. Shaft, 40 ft. 2,200 tons; 220 days; 18 employes. Horse.
B.Coal—Carter & Smith. (Local.)
B.Coal—Columbia Coal Mining Co. Shaft, 112 ft. 10,000 tons; 300 days; 30 employes. Horse.
Marb.—Edward Farley. Marble.
B.Coal—W. A. Gooding. Shaft. (Local.)
B.Coal—T. A. Gordon. (Local.)
B.Coal—Geo. Lowry. (Local.)
B.Coal—Mitchell Spear. Drift. 600 tons; 150 days; 4 employes.
B.Coal—T. T. Sublett. Slope. (Local.)
B.Coal—N. B. Zaring. Slope. 450 tons.

CONCORDIA, Lafayette Co. Pop. 715. M.O. Tel. Ry. 541.
B.Coal—Henry Bartels. Drift. 320 tons; 96 days; 3 employes.
B.Coal—A. F. Fresse. Slope. 400 tons.
B.Coal—J. P. Hendrick. (Local.)

CORDER, Lafayette Co. Pop. 1,145. M.O. Tel. Ry. 154.
B.Coal—W. H. Bell. Shaft, 25 ft. 500 tons; 120 days; 4 employes.
B.Coal—Corder Coal & Coke Co. P. M. Graw, pres.; H. G. Smith, secy., gen. mgr. and buyer; A. E. Asbury, treas. Shaft, 100 ft. 25,000 tons; 200 days; 80 employes. Steam.
B.Coal—W. P. Morgan. Drift. 1,200 tons; 128 days; 5 employes.
B.Coal—Saltfork Coal Co. Shaft, 45 ft. 600 tons; 170 days. Horse.

CORRY, Dade Co. P.O. Dadeville. Banking town and Ry. Greenfield, 414.
B.Coal—A. J. Smith. (Local.)

COWGILL, Caldwell Co. Pop. 500. M.O. Tel. Ry. 174.
B.Coal—H. W. Sater, Georgeville. Climax mine. Shaft. 300 tons; 6 employes. (Local.)

CRAIG, Holt Co. Pop. 503. M.O. Tel. Ry. 419.
B.Coal—T. K. Allen. (Local.)

CRETCHER, Saline Co. Banking town and Ry. Sweetsprings, 541.
B.Coal—Esther Pitman. Slope. (Local.)
B.Coal—A. Van Bushkirk. Tunnel. (Local.)

DEEPWATER, Henry Co. Pop. 1,102. M.O. Tel. Ry. 414.
B.Coal—H. B. Hobbs. (Local.)
B.Coal—Hobbs & White. (Local.)
B.Coal—John Hurst. Slope. 1,500 tons; 100 days; 8 employes. Horse.
B.Coal—J. W. Hurst. Shaft, 30 ft. 1,500 tons; 120 days; 12 employes. Horse.
B.Coal—H. B. McFadden. Slope. 4,000 tons; 200 days; 15 employes. Horse.
B.Coal—Wm. Rusk. (Local.)

DESLOGE, St. Francois Co. Tel. Ry. 538.
Lead—Desloge Consolidated Lead Co. Shaft, 325 ft. 4,200 tons; 75 employes. Crushers. Steam. J. M. Desloge, mine supt.

DESOTO, Jefferson Co. Pop. 3,960. M.O. Tel. Ry. 771.
Stone—George Boyer. Limestone.

DOERUN, St. Francois Co. Pop. 956. M.O. Tel. Ry. 538. Banking town Farmington.
Lead—Doe Run Lead Co. Shafts, 436 ft. 5,700 tons; 101 employes. Crushers. Steam. F. P. Gravis, mine supt.

DONIPHAN, Ripley Co. Pop. 609. M.O. Tel. Ry. 771.
Sur.—James McKenzie. County Surveyor.

DOVER, Lafayette Co. M.O. Ry. 541. Banking town Lexington.
B.Coal—Dover Coal Co.

DUNKSBURG, Pettis Co. Pop. 52. Banking town and Ry. Lamonte, 541.
B.Coal—John Park.
B.Coal—Grant Rumley.
B.Coal—J. S. Serany.
B.Coal—Thos. Sereau & Son. Brush Hill mine. Open pit. 200 tons; 50 days; 2 employes. (Local.)
B.Coal—G. Strickland. (Local.)

ECCLES, Chariton Co. Ry. Salisbury, 913. Banking town Keytsville.
B.Coal—M. J. Farr. (Local.)
B.Coal—J. N. Jaco. (Local.)
B.Coal—T. Kinzle & Co. (Local.)

EDINA, Knox Co. Pop. 1,480. M.O. Tel. Ry. 717.
Marb.—J. Corcoran. Marble.

ELLIOTT, Randolph Co. Pop. 215. Tel. Ry. 540. Banking town Moberly.
B.Coal—Elliott Coal Co. Shaft, 145 ft. 65,000 tons; 150 days; 190 employes. Steam.
B.Coal—Thos. Flemming. (Local.)

ELSTON, Coal Co. Pop. 360. Ry. 541. Banking town Jefferson City.
B.Coal—Edwards & Caspari. (Local.)
B.Coal—Jas. Elston. (Local.)
B.Coal—G. H. Leach & Co. (Local.)

ELVINS, St. Francois Co. Tel. Ry. 538. Banking town Bonneterre.
L.Z.—Central Mining Co. Lead and zinc.
Lead—Derby Lead Co., 3rd & Pine sts., St. Louis. Derby mine. Shaft, 113 ft. Sinking to 490 ft. Steam.

ENTERPRISE, Shelby Co. Banking town and Ry. Clarence, 167.
B.Coal—Wirt & Grubb. (Local.)

ESROM, Barton Co. Ry. Boston, 541. Banking town Lamar.
B.Coal—O. C. Blacker. Open pit. (Local.)

EXETER, Barry Co. Pop. 250. M.O. Tel. Ry. 766. Banking town Cassville.
B.Coal—Lucky Bros. (Local.)

FARBER, Augrain Co. Pop. 280. M.O. Tel. Ry. 154.
B.Coal—Farber Coal Co. Shaft, 105 ft. 3,000 tons. Steam.

FARMINGTON, St. Francois Co. Pop. 1,590. M.O. Tel. Ry. Delassus, 541.
Lead—Flat River Lead Co. Wm. R. Taylor, pres. and treas.; John Dryden, secy., gen. mgr. and buyer. Cap. stk. $350,000, pd. up. Mine at Flat River.
Stone—J. B. Mueller.
Marb.—Spaugh & Westcoat. Marble.

FAYETTE, Howard Co. Pop. 2,250. M.O. Tel. Ry. 540.
B.Coal—Fayette Mining Co. Drift. 3,000 tons; 300 days; 14 employes.

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FAYETTE—Continued.
B.Coal—Joseph Howard. (Local.)
Marb.—S. B. Kenepp. Marble.

FERGUSON, St. Louis Co. M.O. Tel. Ry. 540. Banking town St. Louis.
B.Coal—D. P. Thomas. (Local.)
B.Coal—J. D. Waters. (Local.)

FERTILE, Washington Co. Ry. Blackwell, 541. Banking town Desoto.
Lead—Z. T. Higginbothan. Shafts, 35 ft. 558 tons; 40 employes.

FILLEY, Cedar Co. Ry. Nevada, 540; 541. Banking town Stockton.
B.Coal—C. Ward & Co. (Local.)

FLAT RIVER, St. Francois Co. Tel. Ry. 538.
Lead—Central Lead Co., 420 Poe Bldg., St. Louis. Shaft, 370 ft. Galena ore. 300 days; 100 employes. Furnace, 30 tons daily capacity. Operate 1 and ¼ miles ry., 1 locomotive. Steam. Arthur Thatcher, mine supt.
Lead—Flat River Lead Co., Farmington. Shaft, 332 ft. 300 days; 100 employes. Steam.

FLEMING, Ray Co. Tel. Ry. 30.
B.Coal—Kansas & Texas Coal Co., St. Louis. No. 30 mine. Shaft, 70 ft. 25,000 tons; 100 days; 120 employes. Steam.

FLORISANT, St. Louis Co. Pop. 1,100. M.O. Ry. 775a. Banking town Clayton.
Stone—John B. Warren, Musicks Ferry. Limestone. 200 days; 10 employes. Steam.

FOREST CITY, Holt Co. Pop. 428. M.O. Tel. Ry. 419.
Stone—O. C. Plummer. Sandstone. 4,000 ft.; 150 days; 2 employes. Horse.

FOREST HOME, Lawrence Co. Ry. Mt. Vernon, 414. Banking town Pierce City.
L.Z.—Spring River Mg. Co. W. G. Craig, Jr., secy., treas., gen. mgr. and buyer. Cap. stk. $150,000, pd. up. Lead and zinc. Shaft, 165 ft. Tunnel, 700 ft. 37 employes. Steam.
L.Z.—E. Hallenback & Co. Lead and zinc. Shaft, 155 ft. 10 employes. W. G. Craig, Jr., mine supt.

FOSTER, Bates Co. Pop. 513. M.O. Tel. Ry. 541.
B.Coal—J. Anderson. Slope. 100 tons.
B.Coal—Borin & Co. Walnut mine. Drift. 1,680 tons; 144 days; 6 employes.
B.Coal—E. C. Dabney. Open pit. 700 tons; 90 days; 4 employes.
B.Coal—Doke & Drysdale. Open pit. 1,000 tons; 200 days; 3 employes.
B.Coal—L. D. Eastman. Open pit. 500 tons.
B.Coal—H. Etterman. (Local.)
B.Coal—T. J. & W. Farrell. Open pit. 320 tons. (Local.)
B.Coal—W. B. Gaflay. Open pit. 220 tons. (Local.)
B.Coal—J. G. McPeak. (Local.)
B.Coal—W. H. Mace. Drift. 250 tons. Horse. (Local.)
B.Coal—Wm. Rickey. Open pit. 900 tons; 150 days; 4 employes.
B.Coal—M. D. Russell. Open pit. 323 tons. (Local.)
B.Coal—A. Skillman. Shaft.. 6 employes.
B.Coal—Wallace Bros. Slope. 300 tons. (Local.)

FRANKFORD, Pike Co. Pop. 662. M.O. Tel. Ry. 764.
Marb.—Weatherford & Fields. Marble.

FREDERICKTOWN, Madison Co. Pop. 917. M.O. Tel. Ry. 771.
Stone—Rufus Beard.
B.Coal—Canton Mining & Exploration Co.
Marb.—L. M. Hebener. Marble.
Gran.—La Motte Granite Co. Granite.
Stone—Richard Thompson.

FULTON, Callaway Co. Pop. 4,314. M.O. Tel. Ry. 154.
B.Coal—R. L. Bishop & Co. (Local.)
B.Coal—Wm. Castle. Slope. 1,400 tons; 250 days; 3 employes.
Marb.—E. Donkelberg. Marble.
B.Coal—E. L. Edwards. (Local.)
Marb.—C. A. Fisher. Marble.
F.B.—Fulton Fire Brick & Fuel Co. Fire clay. Shaft, 100 ft. 10,000 tons; 260 days; 30 employes. Steam.
B.Coal—John Harris. Shaft, 40 ft. 500 tons; 90 days; 4 employes.
B.Coal—A. Holmes. (Local.)
B.Coal—R. Lamers. (Local.)
B.Coal—Samuel Maycock. Slope. 800 tons; 250 days; 6 employes.
B.Coal—J. Morsenkoff. Shaft, 50 ft. 160 tons.
B.Coal—Jas. Smith. (Local.)

GAINES, Henry Co. Banking town and Ry. Clinton, 414; 417; 540.
B.Coal—Ritter & Weaver. (Local.)

GAINESVILLE, Ozark Co. Pop. 175. M.O. Ry. West Plains, 414.
Marb.—Hogard & Miller. Marble.

GALLATIN, Daviess Co. Pop. 1,849. M.O. Tel. Ry. 177; 913.
Marb.—E. J. Dee. Marble.

GEORGEVILLE, Ray Co. Ry. Cowgil, 174. Banking town Braymer.
B.Coal—H. W. Sater. Cap. $3,500. Mine at Cowgill.

GLASGOW, Howard Co. Pop. 1,781. M.O. Tel. Ry. 154; 913.
Marb.—H. B. Simmons. Marble.

GLENDALE, St. Louis Co. P.O. Webster Groves. Ry. 541; 766.
Stone—Grant Quarry Co., 1024 Old Manchester Road, St. Louis.

GLENSTED, Morgan Co. Pop. 60. Ry. 541. Banking town Versailles.
B.Coal—W. G. Radcliff.

GOODLOE, Taney Co. Ry. Chadwick, 31.
C.E.—W. R. Adams, Civil Engineer.

GRANBY, Newton Co. Pop. 1,400. M.O. Tel. Ry. 766. Banking town Neosho.
L.Z.—Benjamin F. Butler Mining Co. Lead and zinc.
Lead—Cupps, Wood, et al. Lead.
L.Z.—Frost & Co. Lead and zinc.
L.Z.—Granby Mining and Smelting Co., St. Louis. Lead and zinc. Shafts, 90 ft. 7,135 tons; 225 employes. Crushers. Steam.
L.Z.—Johnson & Mesplay. Lead and zinc.

GRANITEVILLE, Iron Co. Pop. 721. M.O. Ry. 541. Banking town Desota. Ship Iron Mtn., St. L., I. M. & S. Ry.
Gran.—Schneider Granite Co., 1832 So. 8th st., St. Louis. 250 days; 125 employes. Granite crusher, 200 tons daily capacity. Polishing mill. Operate 3½ miles ry., 1 locomotive. Steam.
Stone—Schreen Bros.
Gran.—Syenite Granite Co., 125 S. 4th st., St. Louis. Red granite. 29,261 cu. ft.; 240 days; 76 employes. Granite mill, 122 cu. ft. daily capacity. Steam. Operate 3 miles ry., 1 locomotive and 4 cars. W. Martin, mine supt.

GRATIOT, St. Louis Co. P.O. St. Louis. Ry. 766.
Stone—Harlan Quarry & Construction Co.

GREENFIELD, Dade Co. Pop. 998. M.O. Tel. Ry. 414.
Marb.—Martin Hundt. Marble.

GREGG, Newton Co. Banking town and Ry. Joplin, 31; 414; 541.
L.Z.—Roaring Springs Lead & Zinc Co., Joplin. Shaft, 60 ft. 200 tons; 40 employes. Steam. D. C. Hoover, mine supt.

GUTHRIE, Callaway Co. Pop. 100. Tel. Ry. 154.
B.Coal—Warner Griswold. (Local.)
B.Coal—R. M. Henderson. (Local.)

HAMILTON, Caldwell Co. Pop. 1,641. M.O. Tel. Ry. 360; 362.
B.Coal—Caldwell Coal Co.
B.Coal—E. B. Hayden & Co. Shaft, 500 ft. 11,000 tons; 223 days; 100 employes. Steam.
B.Coal—Hamilton Coal Co. Shaft, 300 ft. 3,200 tons; 127 days; 30 employes. Steam.

HAMS PRAIRIE, Callaway Co. Pop. 45. Banking town and Ry. Fulton, 154.
B.Coal—J. A. Litel. Slope. 150 tons; 2 employes. Horse.

HANNIBAL, Marion Co. Pop. 12,857. M.O. Tel. Ry. 362; 540; 774; 764; 913.
Marb.—Alex. Chipley. Marble.
Lime—Empire Lime Co.
Stone—Hannibal Lime Co. John H. Garth, pres.; L. P. Munger, secy. and treas.; Wm. A. Munger, supt. Cap. stk. $50,000, pd. up. White limestone. 22,000 yds.; 250 days; 120 employes. Stone mill, 400 ft. daily capacity. 10 lime kilns. 1,200 barrels daily capacity. Steam.
Stone—Munger Bros. See Hannibal Lime Co., which they own and operate.
Stone—William T. Owen, 415 Jefferson st. White limestone. 20,000 yards; 150 days; 20 employes. Hand.
Lime—Star Lime Co.
Lime—Waller Lime Co.

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HARDIN, Ray Co. Pop. 656. M.O. Tel. Ry. 31; 913.
B.Coal—H. A. Dickson. (Local.)
B.Coal—L. D. Evans. Shaft, 80 ft. 450 tons; 3 employes.
B.Coal—Joseph Huston. Hardin mine. Drift, 325 ft. 500 tons; 180 days; 2 employes. (Local.)
B.Coal—R. A. King. Drift. 250 tons.
B.Coal—Rob't Osborn. (Local.)
B.Coal—Wm. Phillips. Tunnel, 300 ft. 746 tons; 200 days; 2 employes.

HARRISBURG, Boone Co. Pop. 135. M. O. Ry. Sturgeon, 913. Banking town Columbia.
B.Coal—T. H. Blakeman. Open pit. (Local.)
B.Coal—W. A. Goodwin. (Local.)
B.Coal—T. B. Ford. Open pit, 60 ft. 120 tons; 60 days; 1 employe. (Local.)
B.Coal—J. B. Short. (Local.)
B.Coal—W. A. Stidham. Tunnel. 500 tons; 2 employes.

HAWLEY, Wright Co. Ry. Mountain Grove, 414.
Lead—Inman, Short & Co.

HAZELRUN, St. Francois Co. Pop. 250. Ry. Bonneterre, 538.
L.Z.—J. Bess. Lead and zinc.
L.Z.—Andrew James. Lead and zinc.
L.Z.—Francois Janis. Lead and zinc.

HENRY, Ray Co. M.O. Tel. Ry. 31; 913. Banking town Richmond.
B.Coal—W. D. Rankin & Co. (Local.)

HERMANN, Gasconade Co. Pop. 1,410. M.O. Tel. Ry. 541.
Marb.—Geo. Lang. Marble.

HIGBEE, Randolph Co. Pop. 1,093. M.O. Tel. Ry. 154; 540.
B.Coal—Geo. Bain & Co. (Local.)
B.Coal—Higbee Coal & Mining Co. (See Interstate Mining Co.)
B.Coal—Interstate Mining Co. Wm. Walton, pres. and buyer; John S. Elliott, v. pres.; John Cosgrove, secy. and treas.; E. H. Walton, gen. mgr. Interstate mine. Slope, 80 ft. 180,000 tons; 268 days; 26 employes. Wm. Walton, mine supt.

HIGGINSVILLE, Lafayette Co. Pop. 2,342. M.O. Tel. Ry. 154; 541.
B.Coal—Beatty & Taylor. Shaft, 45 ft. 5,000 tons; 90 days; 30 employes. Horse.
B.Coal—Bonanza Coal Co. Shaft, 70 ft. 7,000 tons; 145 days; 40 employes. Horse.
Marb.—J. H. Burgan. Marble.
B.Coal—Consolidated Farmers Coal Co. A. E. Asbury, pres.; J. B. Scroggs, v. pres.; Geo. W. Staley, secy.; Grove Young, treas.; W. J. Ballew, gen. mgr. and buyer. Cap. stk. $80,000, pd. up. Nos. 1, 2, 3, 4, 5, 6 and 7 mines. Slope, drifts and shafts. 37,960 tons; 165 employes. W. J. Ballew, M. E., mine supt.
B.Coal—Chas. E. Duncan. Slope. 800 tons; 120 days; 4 employes.
B.Coal—Hagood Coal Co. Shaft. Horse.
B.Coal—Hawkins & Smith. Shaft. Horse. (Local.)
B.Coal—E. Huffman. (Local.)
B.Coal—Jackson & Taggart. (Local.)
B.Coal—E. B. Powell. (Local.)
B.Coal—J. W. Tate. (Local.)
B.Coal—M. Waskoski. Slope. 700 tons; 200 days; 3 employes.
B.Coal—J. E. Wilks. (Local.)

HODGE, Lafayette Co. Ry. name Edwards, 541. Banking town Waverly.
B.Coal—Riverside Coal & Mining Co.

HOPKINS, Nodaway Co. Pop. 846. M.O. Tel. Ry. 167; 419.
B.Coal—H. Hicks. (Local.)

HOWLAND, Putnam Co. Ry. 165.
B.Coal—Skinner & Atkins. Shaft, 27 ft. 500 tons; 4 employes.

HUME, Bates Co. Pop. 486. M.O. Tel. Ry. 414; 418.
B.Coal—Farrar & Armstrong. (Local.)
B.Coal—W. R. Johnson & Co. Open pit. 18,000 tons; 75 days; 22 employes.
B.Coal—Thos. Manchester & Son. Shaft, 70 ft. 400 tons. Horse.
B.Coal—E. H. Thurman. Open pit. (Local.)
B.Coal—C. S. Wood. (Local.)

HUNTSVILLE, Randolph Co. Pop. 1,836. M.O. Tel. Ry. 913.
B.Coal—John Breckenridge. Two shafts, 95 and 65 ft. 35,000 tons; 200 days; 165 employes. Steam.
B.Coal—J. S. Burk. (Local.)
B.Coal—Caffery-Baker Coal Co. Nos. 20, 25 and 30 mines. Drifts. 50,000 tons; 180 days; 195 employes.
B.Coal—Emanuel Edwards. Slope. 600 tons; 150 days; 3 employes.

HUNTSVILLE—Continued.
B.Coal—T. M. Elmore. Shaft. Steam.
B.Coal—Eureka Coal Mining Co.
B.Coal—Huntsville Coal & Mining Co.
B.Coal—George W. Jones. (Local.)
B.Coal—John Lowes. (Local.)
B.Coal—Thos. Madden. (Local.)
B.Coal—Wm. E. Mitchell. See Mitchell & Sanderson.
B.Coal—Mitchell & Sanderson. Drift. 3,000 tons; 100 days; 15 employes. Horse.
B.Coal—Mutual Coal Mining Co.
B.Coal—Pryor & Pickett. Drift. 800 tons; 130 days.
B.Coal—Randolph County Coal Co. Shaft. Steam.
B.Coal—J. Robinson. Drift. 700 tons; 140 days; 4 employes.
B.Coal—H. L. Rutherford & Son. (Local.)
B.Coal—J. N. Stewart. Drift. 800 tons; 125 days; 4 employes.
B.Coal—M. Strieff. Central mine. Slope. 900 tons; 175 days.
B.Coal—Wm. Vaughn. Drift. 700 tons; 170 days; 4 employes.
B.Coal—Woodward Coal & Mining Co. Shaft. Steam.

IANTHA, Barton Co. Pop. 206. M.O. Tel. Ry. 414. Banking town Lamar.
B.Coal—W. A. Brown. Slope. 150 tons.

INDEPENDENCE, Jackson Co. Pop. 6,380. M.O. Tel. Ry. 154; 412; 412a; 541.
Marb.—Wm. McDonald. Marble.
B.Coal—C. W. Wolverton. (Local.)
B.Coal—Woodson & Lewis. (Local.)

IRONTON, Iron Co. Pop. 965. M.O. Tel. Ry. 771. Banking town Farmington.
Gr.—Baldwin Bros.
Stone—Lopes & Son.
Marb.—Spaugh & Co. Marble.

IUKA SPRINGS, St. Clair Co. Ry. Appleton City, 540.
B.Coal—Joseph Barnett. Drift. 360 tons.

JACKSONVILLE, Randolph Co. Pop. 200. M.O. Tel. Ry. 913. Banking town Moberly.
B.Coal—H. M. Dean. Slope, 300 ft. 400 tons; 2 employes. (Local.)
Marb.—C. Denham. Marble.

JEFFERSON CITY, Cole Co. Pop. 6,742. M.O. Tel. Ry. 541.
B.Coal—Chas. Hess.
Marb.—Victor Zuber. Marble.

JERICO, Cedar Co. Pop. 486. M.O. Ry. Lamar, 414; 541.
B.Coal—John S. Cole. (Local.)
B.Coal—Mathew Cole. (Local.)
B.Coal—Lee Daniels. Shaft. 200 tons. (Local.)
B.Coal—A. B. Davis.
B.Coal—Jerico Mining & Prospecting Co.

JERICO SPRINGS, Cedar Co. P.O. Jerico. Ry. Lamar, 414; 541.
B.Coal—W. B. Packard. Picket mine. Tunnel, 150 ft. (Idle.)
B.Coal—G. M. Poague. Drift, 270 ft. 100 tons; 5 employes. (Local.)

JOHNSON CITY, St. Clair Co. Pop. 251. Banking town and Ry. Appleton City, 540.
B.Coal—Frank Richmond. Shaft, 36 ft. 1,000 tons; 160 days; 4 employes. Horse.

JOPLIN, Jasper Co. Pop. 10,000. M.O. Tel. Ry. 414; 418; 451; 766.
L.Z.—A. P. B. Mining Co. Two shafts, 60 ft. 30 tons; 6 employes.
B.Coal—American Fuel Co.
L.Z.—American Mining Co. Lead and zinc.
L.Z.—Barber Mining Co., 6th and Virginia ave. James Campbell, pres.; J. L. Briggs, secy., gen. mgr. and buyer. Cap. stk. $100,000, pd. up. Steam. (Mine subleased.)
L.Z.—Bishop Mining Co. Lead and zinc.
L.Z.—Blend Mining Co. Lead and zinc. Shaft, 175 ft. 10 tons; 4 employes. Steam.
Lead—Brewer bros. & Parks.
L.Z.—Burlington Mining Co. R. Allen, pres. and treas.; E. Hedburg, M. E., v. pres., secy. and gen. mgr. Cap. stk. $5,000, pd. up. Burlington mine. Shaft, 100 ft. Free ore. 1,000 tons; 300 days; 20 employes. Steam. P. Hedburg, mine supt.
B.Coal—A. Campbell & Son.
L.Z.—Carlisle, Gobar & Tomlinson, 930 W. 2nd st. Lead and zinc.
L.Z.—Cave Spring Mining Co. Lead and zinc.
Zinc—Chestnut Zinc Mining Co.
L.Z.—Columbian Lead and Zinc Co.
L.Z.—Columbian Mining Co. Lead and zinc.
L.Z.—Cophine Mining Co. Lead and zinc.
Lead—Cottonwood Mining Co.
L.Z.—Crossman Mining Co. Lead and zinc.
L.Z.—P. L. Crossman. Lead and zinc.
L.Z.—Diamond Mining Co. Lead and zinc.

JOPLIN—Continued.
L.Z.—H. M. Drury. Lead and zinc.
Zinc—Empire Zinc Co., 925 Chestnut st., Philadelphia. Eagle and Kohinoor mines. Shafts. Empire works, 6 Belgian furnaces. 70 employes. Brand "Joplin."
L.Z.—Five Mile Mining Co. Lead and zinc.
C.M.E.—F. C. Florance, Civil and Mining Engineer. Zinc, lead and coal.
L.Z.—Granby Mining Co., St. Louis. Shafts, 80 ft. 2,000 tons; 85 employes. Crushers. Steam.
L.Z.—H. H. Gregg. Lead and zinc.
L.Z.—Guinn & Lloyd. Lead and zinc.
M.E.—Eric Hedburg, Mining Engineer, P.O. Box 41. Manager of Burlington Mining Co. and Chicago Consolidated Mining Co.
L.Z.—M. & M. Hedders S. Co. Lead and zinc.
Marb.—J. Holt & Son. Marble.
L.Z.—M. E. Hubbard. Lead and zinc.
Zinc—Illinois Zinc Co., Peru, Ill.
L.Z.—Imperial Mining & Smelting Co. Lead and zinc.
B.Coal—Indian Territory Coal Co.
L.Z.—Indiana & Missouri Mining Co. Five shafts, 75 ft. 600 tons; 35 employes. Steam. Lead and zinc.
L.Z.—Jacobs Bros. Lead and zinc.
B.Coal—W. E. Johnson & Son.
B.Coal—Joplin Syndicate Mining Co.
Lead—Lee, Taylor & Co.
Lead—B. Lichliter.
Zinc—Lichliter, Lear & Co. Shaft, 140 ft. 60 tons; 10 employes. Crusher. Steam.
Lead—Lichliter & Page.
Lead—D. C. McConey.
L.Z.—McCoy Mining Co. Lead and zinc.
L.Z.—Mahaska Mining Co. Mine at Blendeville. Lead and zinc.
L.Z.—Maupin Mining Co. Lead and zinc.
L.Z.—Moffett Mining Co. Lead and zinc.
Lead—Monkey Hill Mining Co.
Lead-Z.—Moonshine Mining Co. Shaft, 100 ft. 100 tons; 2 employes. Steam.
Lead—Morning Star Mining Co., 306 Sargent.
L.Z.—P. Murphy. Lead and zinc. Mine at Zincite.
L.Z.—Murphy & McCracken. Lead and zinc.
Zinc—Nicholasville Mining Co. Nicholasville mine. Shaft, 150 ft. Free ore. 2,000 tons; 300 days; 14 employes. Steam.
Lead—Noble Mining Co., 816 Pearl st.
L.Z.—North Joplin Mining Co. Lead and zinc.
L.Z.—Oswego Lead & Zinc Co. Lead and zinc.
L.Z.—W. S. Paul. Lead and zinc.
L.Z.—Paul & Parish. Lead and zinc.
L.Z.—E. N. Perry. Mine at Carterville.
Lead—Pitcher Lead Co.
L.Z.—E. B. Porter Mg. Co. Lead and zinc.
Lead—Randall & Co.
L.Z.—C. A. Rees. Lead and zinc.
L.Z.—E. C. Reid. Lead and zinc.
L.Z.—Reed Mining Co. Shafts, 126 ft. 140 tons; 88 employes. Crusher. Steam.
L.Z.—Rex Mining Co. Shaft, 100 ft. 7,000 tons; 150 employes. Crusher. Steam. Lead and zinc.
Lead—Rice & James.
L.Z.—Rising Sun Mining Co. Lead and zinc.
L.Z.—J. Roach & Co. Lead and zinc. Shaft, 40 ft. 120 tons; 2 employes.
L.Z.—Roaring Springs Land & Mining Co. Mine at Gregg. Lead and zinc.
L.Z.—Chas. E. Rose. Lead and zinc.
L.Z.—Ruby Mining Co. Lead and zinc.
L.Z.—Scotia Mining Co. Lead and zinc. Shafts, 60 ft. 485 tons; 13 employes. Steam.
L.Z.—South Joplin Lead & Zinc Mining Co., Kansas City. Shafts, 140 ft. 1,500 tons; 11 employes. Crusher. Steam.
L.Z.—A. C. Spring. Lead and zinc.
L.Z.—Standard Lead & Zinc Mining Co.
L.Z.—Swartz Mining Co.
L.Z.—P. L. Swartz. Swarland mines. Lead and zinc. Shafts, 50 ft. 40 tons; 5 employes. Crusher. Steam.
L.Z.—John H. Taylor. Lead and zinc. 400 tons; 10 employes. Crusher. Steam.
L.Z.—Taylor Land & Mining Co. Lead and zinc. Shaft, 70 ft. 80 tons; 2 employes.
L.Z.—E. C. Tyler.
B.Coal—Watkins Coal Co.
Zinc—Western Zinc Co. Shafts, 80 ft. 2,300 tons; 50 employes. Crusher. Steam.
L.Z.—West Joplin Lead & Zinc Co. Shaft, 126 ft. 1,000 tons; 12 employes. Crusher. Steam.
Lead—E. G. Williams.
L.Z.—W. H. Wilson. Lead and zinc.
L.Z.—Wright Mining Co. Lead and zinc. Shafts, 110 ft. 145 tons; 20 employes. Steam.

KAHOKA, Clark Co. Pop. 1,425. M.O. Tel. Ry. 426.
Stone—G. F. Boone.
Marb.—Butler & Humphrey. Marble.
Marb.—P. N. Dixon. Marble.
B.Coal—Kahoka Lumber & Coal Co.
Stone—Chas. McCullah. Casey's quarry. Limestone and sandstone. 500 ft.
Stone—W. T. McKee. Limestone.

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KANSAS CITY, Jackson Co. Pop. 132,716. M.O. Tel. Ry. 31; 154; 174; 362; 410; 412; 412a; 414; 417; 418; 419; 419a; 541; 913; 899.
B.Coal—Anglo-American Cot. Mining & Coal Co.
Stone—Bandera Quarry Co., 12 W. 9th.
Marb.—H. E. Barker. Marble.
B.Coal—Barkley Bros.
B.Coal—Beatty & Jones.
B.Coal—Bolen Coal Co.
B.Coal—Bonanza Coal Co.
B.Coal—Bradley Vernon Coal Co.
B.Coal—Brighton Coal Co. L. V. Harkness, pres.; F. Jarvis, secy.; L. D. H. Russell, gen. mgr. Cap. stk. $300,000. Mine at Leavenworth, Kans. (Idle during 1895.)
B.Coal—Brown, Bowers Coal Co.
B.Coal—Brush Creek Coal & Mg. Co. Shaft, 300 ft. 14,000 tons; 169 days; 75 employes. Steam.
B.Coal—Central Coal & Coke Co. Shaft, 60 ft. 13,000 tons; 37 days; 50 employes. Steam.
G.S.—Columbian Cons. Separator & Mining Co. Gold and silver.
Marb.—J. P. Daly. Marble.
B.Coal—W. S. Dickey Clay Manufacturing Co., 800 N. Y. Life Bldg.
B.Coal—T. P. Dickson.
Stone—J. W. Drinkwater.
Stone—George Dugan.
B.Coal—J. H. Durkee Coal Co.
G.S.—Ehrenburg Mining Co. Gold and silver.
B.Coal—A. M. Fellows, Jr.
Phos.—Fort White Phosphate Co. Mine at Fort White, Fla.
B.Coal—Fuller Coal & Mg. Co., Armour Bldg. Chas. D. Fuller, pres.; F. A. Fuller, v. pres. and treas.; F. D. Fuller, secy. Cap. stk. $50,000, pd. up. Mine at Fuller, Ks.
Chem.As.—Claude C. Hamilton, Analytical Chemist and Assayer, 913 E. 10th st.
Stone—M. M. Holmes.
Stone—Ingram Stone Co., 23rd & Charlotte sts. Limestone. 210 days; 10 employes. Horse.
B.Coal—Kansas City Clay & Coal Co.
B.Coal—Keith & Perry Coal Co., 906 Walnut st. Mines at Scammon, Kas., Richhill and Deepwater, Mo.
Lead—King Solomon Mg. Co., 568 Sheidley Bldg.
Gran.—La Motte Granite Co., 325 Exchange Bldg.
B.Coal—Laning, Harris & Co.
Atty.—T. H. McNeil, Attorney at Law, 515 Main st. Graduate University of Michigan Law, 1886. Member of Missouri State Bar Association and Kansas City Bar Association. Notary in office. Depositions a specialty. Compiler of Laws of Missouri for the RECORD.
B.Coal—Henry Macey, 1619 Baltimore ave. Cap. $20,000. Mine at Lexington.
G.S.—Mexican Ore Co. Gold and silver.
B.Coal—North Kansas City Coal & Mining Co.
Stone—Ozark Stone and Lime Co., 204 W. 7th st. Geo. Muttums, pres. and gen. mgr. Quarry at Neosho.
G.S.—Pelican Mining Co., 515 Amer. Bank Bldg. Gold and silver.
G.S.—A. P. Ponda, 707 N. Y. Life Bldg. Gold and silver.
B.Coal—Provident Association.
Marb.—M. H. Rice. Marble.
Marb.—Rice & Co. Marble.
Stone—S. B. Root.
Lead—Rusk Mining Co., 802 N. Y. Life Bldg.
B.Coal—J. M. Seawell & Co. Mine at Lexington.
Gold—Silver Monument Mining & Milling Co., N. E. Building.
L.Z.—South Joplin Lead & Zinc Mining Co., 2407 E. 12th st. Mine at Joplin.
B.Coal—Southwestern Coal Co., 210 Hall Bldg. M. W. Serat, pres.; M. E. Serat, v. pres. and treas.; S. S. Serat, secy. Cap. stk. $75,000, pd. up. Mines at Yale, Kans., and Lexington, Mo.
Lime—Western White Lime Co.
Phos.—Whitaker Phosphate Co. H. C. Crowell, pres.; Ed. Turner, v. pres.; J. A. Moninger, secy.; R. M. Snyder, treas.; M. S. Dowden, gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Mine at Homeland, Fla.
B.Coal—C. S. Whitney.
Lead—Windsor Mining Co., 16 E. 16th.
B.Coal—Woods & North Coal Co., 20th & Lydia av.
B.Coal—Wyandotte Coal & Lime Co.
C.E.—Wynkoop Kiersted, Civil Engineer, 58 Water Works Bldg. Specialty: Hydraulic work.

KEYTESVILLE, Chariton Co. Pop. 819. M.O. Tel. Ry. 913.
B.Coal—E. W. Price. (Local.)

KINGSTON, Caldwell Co. Pop. 465. M.O. Ry. 360.
B.Coal—Kingston Coal Co. Shaft, 242 ft. 26,000 tons; 200 days; 20 employes. Steam.

KIRKSVILLE, Adair Co. Pop. 3,510. M.O. Tel. Ry. 717; 913.
Marb.—Baird & Grassie. Marble.
B.Coal—W. C. Ditmar. Imbody mine. Shaft, 50 ft. 250 tons.
B.Coal—H. C. McCahan. Stahl mine. Drift. 18,000 tons; 150 days; 60 employes. Horse.

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KIRKSVILLE—Continued.
B.Coal—John F. Madden. Drift. 800 tons; 8 employes.
B.Coal—D. C. Scott. Scott mine. Shaft, 40 ft. 3,000 tons; 150 days; 10 employes.

KNOBLICK, St. Francois Co. M.O. Ry. 771. Banking town Farmington.
Gran.—W. R. Allen. Granite.
Gran.—Missouri Granite Co. Granite.

KNOBNOSTER, Johnson Co. Pop. 851. M.O. Tel. Ry. 541.
B.Coal—Jas. Boyd. (Local.)
B.Coal—Thos. H. Boyd & Sons. Shaft. Steam.
B.Coal—John F. House. Slope. (Local.)
B.Coal—Knobnoster Coal Co. Shaft, 200 ft. 3,000 tons; 120 days.
Marb.—W. M. Vannata. Marble.

LABELLE, Lewis Co. Pop. 702. M.O. Tel. Ry. 717.
Marb.—Wilson & Scroggin. Marble.

LACROSSE, Macon Co. Ry. name Oliver, 31. Banking town Macon.
B.Coal—Powell & Vase. (Local.)

LADDONIA, Audrain Co. Pop. 520. M.O. Tel. Ry. 154.
B.Coal—J. D. Anderson. Shaft, 35 ft. 250 tons.
B.Coal—G. W. Day. (Local.)
B.Coal—O. J. Detienne. Shaft, 55 ft. 1,000 tons; 130 days; 6 employes. Horse.
B.Coal—C. P. Eastham. (Local.)
B.Coal—James Lynch. (Local.)
B.Coal—Owen Lynch. (Local.)
B.Coal—J. D. Montague. (Local.)
B.Coal—Robertson Bros. Shaft, 40 ft. (Local.)

LAKEVIEW, Ray Co. Ry. Norborne, 31; 913.
B.Coal—Bryan & Co. Drift. 600 tons; 100 days; 3 employes.
B.Coal—James Collins. Drift. 800 tons; 100 days; 4 employes.
B.Coal—Hartwell, Arnold & Co. Slope. 400 tons.
B.Coal—Joseph Huston. Drift. 500 tons; 3 employes.

LAMAR, Barton Co. Pop. 2,860. M.O. Tel. Ry. 414; 541.
B.Coal—Henry Becker. Slope. 880 tons; 3 employes.
B.Coal—Becker & Dickey. Drift. 500 tons.
B.Coal—Wilson Clark.
B.Coal—M. Cole. Tunnel, 150 ft. 50 tons. Horse. (Local.)
B.Coal—C. C. Daubin. Open pit. 4,800 tons; 15 days; 11 employes.
Marb.—J. Ellis. Marble.
B.Coal—Geo. Glaze. Open pit. (Local.)
B.Coal—Thos. Gregory & Sons. (Local.)
B.Coal—Basil D. Hays. (Local.)
B.Coal—C. Lape. Open pit. 1,200 tons; 120 days; 4 employes.
B.Coal—B. F. Mann. Slope. 150 tons. (Local.)
B.Coal—J. A. Martin. Drift. 100 tons. (Local.)
B.Coal—Mrs. J. C. Parry. Open pit. 360 tons. (Local.)
Lead—Rhoades Barrett Mining Co.
B.Coal—M. M. Spear. Open pit. 212 tons. (Local.)
B.Coal—J. C. Sturtevant.

LAMONTE, Pettis Co. Pop. 638. M.O. Tel. Ry. 541.
B.Coal—Robert Drumon. (Local.)

LAPLATA, Macon Co. Pop. 1,169. M.O. Tel. Ry. 31; 913.
B.Coal—David Vose. Shaft, 140 ft. 450 tons; 20 days; 8 employes. Horse.
Marb.—Z. T. Durham. Marble.

LATHROP, Clinton Co. Pop. 1,082. Ry. 31; 362.
Marb.—Maret Bros. Marble.

LEADINGTON, St. Francois Co. P.O. and Ry. Flat River, 538.
Lead—Donnelly Lead Co., 302 Oriel Bldg., St. Louis. Donnelly mine. Shaft, 308 ft. 10,000 tons; 300 days. Steam.
Lead—Leadington Lead Co. Shaft, 300 ft. 345 tons; 40 employes. Crusher. Steam. S. P. Reynolds, mine supt.

LEADMINE, Dallas Co. Ry. Lebanon, 31.
L.Z.—Spring City Mining Co. Lead and zinc.
B.Coal—Todd & Co. (Local.)

LEBANON, Laclede Co. Pop. 2,218. M.O. Tel. Ry. 776.
Marb.—Reagan & Williamson. Marble.

LEHIGH, Jasper Co. P.O., Banking Town and Ry. Carl Junction, 766.
L.Z.—Franklin Zinc Co. Lead and zinc.
L.Z.—J. R. Thomas. Lead and zinc.

LEWIS STATION, Henry Co. Pop. 262. M.O. Tel. Ry. 540. Banking town Clinton.
B.Coal—Co-operative Coal & Mining Co. Shaft, 75 ft. 4,000 tons; 182 days; 20 employes. Steam.

LEWIS STATION—Continued.
B.Coal—D. B. Pigg Coal Co. Drift. 2,400 tons; 140 days; 12 employes. Horse.
B.Coal—Tebo Coal Mining Co. Shaft, 35 ft. 10,000 tons; 200 days; 30 employes. Steam.

LEXINGTON, Lafayette Co. Pop. 4,537. M.O. Tel. Ry. 541.
B.Coal—Bell & Green.
Marb.—Jac. Egert. Marble.
B.Coal—W. H. Greer. Slope. 1,600 tons; 180 days; 30 employes.
B.Coal—Frank Hayes. Drift. 13,500 tons; 200 days; 60 employes.
B.Coal—John Holwell. Shaft, 60 ft. 600 tons; 90 days; 4 employes. Horse.
B.Coal—Kelly Coal Co.
B.Coal—Joseph Kist. Slope. 150 tons. (Local.)
B.Coal—Lafayette Coal Co.
B.Coal—Lexington Coal Mining Co. Granby mine. Drift. 29,000 tons; 186 days; 90 employes. Hartman mine. Shaft, 28 ft. 3,000 tons; 84 days; 40 employes. McDowell mine. Shaft, 43 ft. 10,000 tons; 54 days; 90 employes. Riverton mine. Drift. 36,000 tons; 120 days; 100 employes. Steam and horse.
B.Coal—J. C. McGrew. Drift. 12,800 tons; 150 days; 100 employes. Horse.
B.Coal—Henry Macey, 1619 Baltimore ave., Kansas City. Drift. 18,000 tons; 240 days; 60 employes. Hand.
B.Coal—Missouri River Coal Mining Co. J. B. Silver, pres.; H. W. Winsor, secy. and treas. Cap. stk. $30,000, pd. up. Mine at Napoleon.
B.Coal—Morrison Bros. Drift. 1,220 tons; 90 days; 5 employes.
B.Coal—Andrew O'Malley. Shaft, 20 ft. 249 tons. (Local.)
B.Coal—James Rosewell. Drift. 600 tons; 120 days; 3 employes. Horse.
Marb.—Sanding & Co. Marble.
B.Coal—J. M. Seawell & Co., Kansas City. Shaft, 40 ft. 3,300 tons; 140 days; 30 employes. Horse.
B.Coal—Southwestern Coal Co., 210 Hall Bldg., Kansas City. Lexington mine. Shaft, 110 ft. 30,000 tons; 50 employes. Steam. Ed Aull, mine supt.
B.Coal—Thos. Walton.
C.E.Sur.—B. D. Weedin, Civil Engineer and Surveyor.

LIBERAL, Barton Co. Pop. 800. M.O. Tel. Ry. 414; 541.
B.Coal—Frank L. Allen. Drift. 1,250 tons; 120 days; 5 employes.
B.Coal—Betz Coal Co. (Jacob Betz, propr.) Slope, 150 ft. 600 tons; 150 days; 4 employes.
B.Coal—P. G. Boulware. (Local.)
B.Coal—John Brasser. Slope. 200 tons.
Stone—Wm. Ceurless.
B.Coal—Daveny Bros. (Local.)
B.Coal—Philip Foulk. (Local.)
Stone—Gietky Stone Co.
B.Coal—H. C. Hatfield. (Local.)
B.Coal—Lavery Bros. (Local.)
B.Coal—John Lavery. Open pit. 291 tons.
B.Coal—Liberal Coal Co. Drift. 2,800 tons; 112 days; 12 employes.
B.Coal—John Perkins. (Local.)
B.Coal—Joseph Travis. Slope. 540 tons.
B.Coal—H. J. Whitesell. Open pit. 3,170 tons; 235 days; 7 employes.
B.Coal—J. G. Wilson. (Local.)

LINGO, Macon Co. Pop. 152. Ry. 362. Banking town Macon.
B.Coal—Little Pittsburg Coal Co. Shaft, 130 ft. 38,000 tons; 220 days; 110 employes. Steam.

LOCKWOOD, Dade Co. Pop. 633. M.O. Tel. Ry. 414.
Marb.—E. P. Helms. Marble.

LOGAN, Lawrence Co. Pop. 120. Ry. 766. Banking town Marionville.
Marb.—G. W. Logan. Marble.

LOUGHBORO, St. Francois Co. Ry. 771. Banking town Desoto.
Stone—John Rotherly.

LOUISANA, Pike Co. Pop. 5,100. M.O. Ry. 167; 774.
Marb.—W. Case. Marble.
Stone—H. L. Hart.
Marb.—M. A. Rosengreen. Marble.

LOWRY CITY, St. Clair Co. Pop. 368. M.O. Tel. Ry. 414; 417.
B.Coal—W. G. Browning. Slope. 120 tons. (Local.)
B.Coal—John Chinn. (Local.)

LUCAS, Henry Co. Banking town and Ry. Urich, 414.
B.Coal—S. B. Price. Tunnel, 50 ft. 1,200 tons; 4 employes.

McCREDIE, Callaway Co. Pop. 50. M.O. Tel. Ry. 154. Ry. Auxvasse.
B.Coal—James S. Henderson. Shaft, 30 ft. Tunnel, 100 ft. 700 tons; 150 days; 4 employes. Alex. Renfro, mine supt.
B.Coal—Reynolds & Allen. (Local.)

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McDOWELL, Barry Co. Ship. Pop. 45. Banking town and Ry. Verona, 31.
L.Z.—McDowell Mining Co. (Jacob Thielen, E. A. Thielen and Albert Johnson, owners.) Cap. $3,000. Shaft, 140 ft. Galena and Blende ores. 10 employes. Steam. Jacob Thielen, mgr. and mine supt.
L.Z.—Jacob Thielen (lessee). McDowell mines. Shaft, 140 ft. 4 tons daily; 10 employes. Steam.

MACON, Macon Co. Pop. 3,371. M.O. Tel. Ry. 362; 913.
B.Coal—Geo. Batchelder. (Local.)
B.Coal—John Harold. Drift. 600 tons; 150 days; 3 employes.
B.Coal—Macon Coal Co.
B.Coal—P. F. Rowland. Drift. 160 tons.
B.Coal—R. S. Terrill. Drift. 400 tons.
B.Coal—T. E. Wardell. (Local.)
Marb.—Wisdom & Reed. Marble.

MADISONVILLE, Ralls Co. Pop. 73. Ry. Vandalia, 154. Banking town Center.
Marb.—Jas. Levey. Marble.

MAITLAND, Holt Co. Pop. 484. M.O. Tel. Ry. 419.
Stone—John Bishop. Cap. $12,000. Nodaway Valley quarry. Limestone. 2,000 ft.; 50 days; 2 employes. Horse.
Marb.—J. E. Oldfield. Marble.

MALDEN, Dunklin Co. Pop. 943. M.O. Tel. Ry. 775.
Marb.—C. H. Mason. Marble.

MANSFIELD, Wright Co. Pop. 300. M.O. Tel. Ry. 414. Banking town Mountaingrove.
L.Z.—Dobson Lead & Zinc Co. Shafts, 120 ft. 97 tons; 43 employes. Crushers. Steam. Lead and zinc.

MAPLETON, Putnam Co. Ry. Unionville, 167.
B.Coal—A. J. Barnhart. Drift. 300 tons.
B.Coal—P. H. Beach. Drift. 150 tons.

MARCELINE, Linn Co. Pop. 1,977. M.O. Tel. Ry. 31.
B.Coal—M. Clark.
B.Coal—Landreth & Son. Shaft, 130 ft. 1,200 tons; 200 days; 7 employes. Horse.
B.Coal—Marceline Coal Co. Shaft, 180 ft. 85,000 tons; 240 days; 250 employes. Steam.

MARIONVILLE, Lawrence Co. Pop. 1,159. M.O. Tel. Ry. 766.
Marb.—T. J. Forbes. Marble.
Lead—McCullough Mining Co.

MARSHALL, Saline Co. Pop. 4,297. M.O. Tel. Ry. 154; 541.
B.Coal—Colvert & Bro. (Local.)
Marb.—J. A. Tipping. Marble.

MARSHFIELD, Webster Co. Pop. 980. M.O. Tel. Ry. 766.
Marb.—McAdams & Amos. Marble.

MARTINSBURG, Audrain Co.
B.Coal—W. W. McCowan. Shaft, 28 ft. 2,500 tons; 250 days; 8 employes. Horse.
B.Coal—Samuel McGuire. Shaft, 26 ft. 150 tons. (Local.)
B.Coal—W. F. Taylor Coal Co. Shaft, 107 ft. 5,000 tons; 160 days; 20 employes. Steam.

MARYVILLE, Nodaway Co. Pop. 4,037. M.O. Tel. Ry. 419; 634.
Met.M.E.—Curtis Alexander. Metallurgist and Mining Engineer.
Marb.—Boyer Bros. Marble.
Marb.—R. M. Simmons. Marble.
B.Coal—Marysville Mining Co.

MAYVIEW, Lafayette Co. M.O. Tel. Ry. 154.
B.Coal—Matthews Coal Co. Shaft, 102 ft. 4,500 tons; 210 days; 70 employes. Steam.
B.Coal—Mayview Coal Co. Shaft. Steam.
B.Coal—T. C. Wilson.

MENDOTA, Putnam Co. Pop. 851. M.O. Tel. Ry. 165.
C.E.—B. H. Johnston, Civil Engineer. Supt. Mendota Coal & Mining Co.
B.Coal—Mendota Coal and Mining Co. F. H. Ketcham, pres.; B. H. Johnston, buyer and supt. Mendota mine. Shaft and slope. 150,000 tons.
B.Coal—Pearl Coal & Mining Co., St. Joseph. Shaft. Horse.

MEXICO, Audrain Co. Pop. 4,789. M.O. Tel. Ry. 154; 913.
B.Coal—C. C. Davis. Davis mine. Shaft, 40 ft. 3,500 tons; 200 days; 10 employes. Horse.
Marb.—A. K. Luckie. Marble.

MIAMI, Saline Co. Pop. 674. M.O. Ry. 913.
B.Coal—J. W. Phillips. (Local.)
B.Coal—Mark Whitaker. (Local.)

MIDDLEBROOK, Iron Co. Pop. 200. Tel. Ry. 771. Banking town Farmington.
Iron—Iron Mountain Co.

MIDLAND, Crawford Co. Pop. 300. Tel. Ry. 766. Banking town Steelville.
Iron—Metcalf, Evans & Walbridge.

MILAN, Sullivan Co. Pop. 1,234. M.O. Tel. Ry. 165; 717.
Locust Valley Coal Co. Shaft, 200 ft. 1,000 tons; 120 days; 6 employes. Steam.
B.Coal—Milan Land & Coal Mining Co.
Marb.—J. A. Niblo. Marble.

MILFORD, Barton Co. Pop. 145. M.O. Banking town and Ry. Lamar, 414; 541.
B.Coal—J. W. Dixon. Drift. (Local.)
B.Coal—W. H. Perry. Drift. (Local.)
B.Coal—G. G. Ryan. Drift. (Local.)

MILO, Vernon Co. Pop. 100. M.O. Tel. Ry. 541. Banking town Nevada.
B.Coal—W. T. & B. E. Ferry.
B.Coal—A. D. Lightner. Open pit. 80 tons.

MINDENMINES, Barton Co. Pop. 219. M.O. Ry. name Minden, 414; 541.
B.Coal—S. H. Lanyon. Mine operated by Minerd Bros.
B.Coal—Minerd Bros. Shaft, 45 ft. 8,407 tons; 72 days; 22 employes. Steam.
B.Coal—C. H. Morgan. (Local.)
B.Coal—A. F. Pike. (Local.)

MINE LAMOTTE, Madison Co. Pop. 800. M.O. Tel. Ry. 771. Banking town Frederickfown.
M.E.—J. T. Monell, Mining Engineer.
Lead—Rowland Hazard. J. D. Sanders, mgr. Shafts, 100 to 130 ft., and open pits. Galena ore. Steam. Samuel Jose, mine supt.
Stone—M. A. Hornbeck. (Local.)

MINERALPOINT, Washington Co. Pop. 200. Tel. Ry. 771. Banking town Potosi.
Min.Pt.—Mrs. L. D. Bone. Mineral paint.

MISSOURI CITY, Clay Co. Pop. 422. M.O. Tel. Ry. 913.
B.Coal—Missouri City Coal Co. Shaft, 150 ft. 4,000 tons; 120 days; 20 employes. Steam.

MOBERLY, Randolph Co. Pop. 8,215. M.O. Tel. Ry. 540; 913.
B.Coal—Wm. Branon. Drift. 400 tons; 2 employes.
B.Coal—D. T. Bradey. Shaft, 60 ft. 800 tons; 7 employes.
B.Coal—Eagle Coal Co. Shaft, 125 ft. 2,000 tons; 120 days; 10 employes. Steam.
Marb.—English, Read & Wisdom. Marble.
B.Coal—W. T. Rutherford. Drift. 1,400 tons; 170 days; 3 employes.
B.Coal—D. Skinner. Drift. 700 tons; 125 days; 3 employes.
B.Coal—Harry Ward. Shaft, 88 ft. 350 tons.
B.Coal—J. B. Williams. Shaft, 96 ft. 600 tons.

MONETT, Barry Co. Pop. 1,699. M.O. Tel. Ry. 766.
L.Z.—Famous Mining Co. Lead and zinc.

MONROE CITY, Monroe Co. Pop. 1,830. M.O. Tel. Ry. 362; 540.
Stone—J. Dirgo.

MONTGOMERY CITY, Montgomery Co. Pop. 2,199. M.O. Tel. Ry. 913.
Marb.—Montana Marble & Mining Co. Marble.

MONTSERRAT, Johnson Co. Pop. 350. M.O. Tel. Ry. 541. Banking town Warrensburg.
B.Coal—P. D. Fitch. (Local.)
B.Coal—Murley, Fitch & Harder.
B.Coal—Jos. Murley. Slope. 800 tons; 120 days; 4 employes.
Gran.—Otter Creek Granite Co.
B.Coal—H. H. Penrod. Drift. 200 tons. (Local.)

MORRELLTON, Franklin Co. Ry. name Anaconda, 31.
Min.P.—Rob't Heyms. Mineral paint.
Min.P.—Hibbard & Pickles. Mineral paint.

MOUND CITY, Holt Co. Pop. 1,193. M.O. Tel. Ry. 419.
Marb.—Hagloch Bros. Marble.

MOUNDVILLE, Vernon Co. Pop. 219. M.O. Tel. Ry. 541. Banking town Nevada.
B.Coal—L. W. Angel. Slope. 900 tons; 105 days; 3 employes. Horse.
B.Coal—John Brown. (Local.)
B.Coal—A. H. Franks. (Local.)
B.Coal—J. F. Gill. (Local.)
B.Coal—John Moore. (Local.)
B.Coal—W. T. Powers. (Local.)
B.Coal—W. D. Robinson. (Local.)
B.Coal—J. W. Shaw. Shaft, 35 ft. 876 tons; 115 days; 3 employes. Horse.

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MT. CARMEL, Audrain Co. Ry. Vandalia, 154.
B.Coal—O. J. Dietienne. (Local.)

MT. VERNON, Lawrence Co. Pop. 782. M.O. Tel. Ry. 414.
Marb.—A. E. Davis. Marble.
L.Z.—Mt. Vernon Mining Co. Lead and zinc. Shaft, 160 ft. 800 tons; 30 employes. Crusher. Steam.

MOUNTAIN GROVE, Wright Co. Pop. 830. M.O. Tel. Ry. 414.
Onyx—J. A. Simpson & Co. Cap. $500. Quarry at Cabool.

MUMFORD, Greene Co. Ry. 414. Banking town Springfield.
L.Z.—R. P. Bowyer. Cap. $15,000. Lead and zinc. Mine at Springfield.
L.Z.—Gumbo Mining Co. Gumbo mine. Lead and zinc. Shaft. Steam.
L.Z.—Nathalie Lead & Zinc Mining Co. Lead and zinc.
L.Z.—John E. Phelps Mining Co. Lead and zinc.
L.Z.—Suffolk Lead & Zinc Co. Lead and zinc.

MUSIC FERRY, St. Louis Co. P.O. and Ry. St. Louis, 154; 167; 479; 482; 541; 545; 766; 767; 771; 772; 774; 775a; 870; 913.
Stone—John B. Warren. Limestone. Quarry at Florissant.

NAPOLEON, Lafayette Co. Pop. 106. Tel. Ry. 541. Banking town Wellington.
B.Coal—Missouri River Coal Mining Co., Lexington. Silver mine. Shaft, 65 ft. 10,000 tons; 250 days; 50 employes. Steam. (Leased to Mack Warriner for term of years.)
B.Coal—Napoleon Coal & Mining Co. Gates mine. Shaft. Horse.

NASHVILLE, Barton Co. Pop. 120. M.O. Ry. Boston, 541. Banking town Lamar.
B.Coal—John Ferguson Co. Open pit. Horse.

NEOSHO, Newton Co. Pop. 2,998. M.O. Tel. Ry. 418; 766.
Marb.—D. Markey. Marble.
Stone—Ozark Stone & Lime Co., 204 W. 7th st., Kansas City.

NEVADA, Vernon Co. Pop. 7,262. M.O. Tel. Ry. 540, 541.
Marb.—Kling & Brophy. Marble.

NEW FLORENCE, Montgomery Co. Pop. 465. M.O. Tel. Ry. 913.
Marb.—J. Janssen. Marble.

NOAH, Henry Co. Banking town and Ry. Montrose, 540.
B.Coal—John Kalore. (Local.)

NORBORNE, Carroll Co. Pop. 1,005. M.O. Tel. Ry. 31; 913.
B.Coal—Arnold, Hartwell & Co. Rushville mine. Slope. (Local.)
B.Coal—John McCorkendale. (Local.)
B.Coal—Wm. Scrivens. (Local.)
B.Coal—J. W. Turner. (Local.)

NORTHVIEW, Webster Co. Pop. 60. Ry. 766. Banking town Marshfield.
L.Z.—W. W. Dunham. Lead and zinc.

NURSERY, St. Louis Co. Ry. St. Louis, 154; 167; 479; 482; 541; 545; 766; 767; 771; 772; 774; 775a; 870; 913.
Stone—John Steffor.
Stone—Stevenson & Gallehow.

OLD MINES, Washington Co. Ry. Cadet, 541. Banking town Potosi.
Lead—Union Mining & Smelting Co. Shafts, 40 ft. 542 tons. Alex. Harris, mine supt.

OREGON, Holt Co. Pop. 948. M.O. Ry. Forest City, 167.
Marb.—J. R. Collier. Marble.

ORONOGO, Jasper Co. Pop. 500. M.O. Tel. Ry. 766.
L.Z.—Granby Mining and Smelting Co., St. Louis. Lead and zinc. Shafts, 45 ft. 340 tons; 35 employes. Crusher. Steam.
L.Z.—Trio Mining Co. Lead and zinc.
L.Z.—Margerum Mining Co. Lead and zinc. Webb City. Shaft, 50 ft. 930 tons; 40 employes. Steam.
L.Z.—Royal Blue Mining Co., Webb City. Shafts, 105 ft. 955 tons; 8 employes. Crushers. Steam.

ORRICK, Ray Co. Pop. 370. M.O. Tel. Ry. 913.
B.Coal—Bissel Coal Co. Shaft, 64 ft. 4,000 tons; 110 days; 50 employes. Steam.

OSAGE CITY, Cole Co. Pop. 500. M.O. Tel. Ry. 541. Banking town Jefferson City.
Bary.—R. M. Marshall. Barytes.

OSCEOLA, St. Clair Co. Pop. 1,195. M.O. Tel. Ry. 414; 417.
B.Coal—John C. Collins. Slope. 1,250 tons; 120 days; 9 employes.
Marb.—W. D. Davis. Marble.
B.Coal—Johnson & Co. Slope. 170 tons. (Local.)
B.Coal—W. A. Seymore. Drift. 857 tons; 200 days; 3 employes.
B.Coal—Wm. Watkins. Johnson mine. Slope. (Local.)

PACIFIC, Franklin Co. Pop. 1,184. M.O. Tel. Ry. 541; 766.
L.Z.—Missouri Mineral & Manufacturing Co. Lead and zinc.

PALMER, Washington Co. Pop. 120. Banking town and Ry. Potosi, 541.
Lead—Palmer Lead Co. Shafts, 75 ft. 400 tons; 40 employes. Steam. T. F. Blount, mine supt.

PALMYRA, Marion Co. Pop. 2,515. M.O. Tel. Ry. 362.
Marb.—W. B. Moore. Marble.

PANAMA, Vernon Co. M.O. Tel. Ry. 541. Banking town Nevada.
B.Coal—Central Coal & Coke Co. Mine No. 7. Shaft, 140 ft. 42,300 tons; 84 days; 70 employes. Mine No. 8. Shaft, 168 ft. 18,300 tons; 132 days; 15 employes. Steam.

PARIS, Monroe Co. Pop. 1,847. M.O. Tel. Ry. 540.
Marb.—J. B. Bland & Son. Marble.

PEDRO, Barton Co. Pop. 260. Ry. Liberal, 414; 541. Banking town Lamar.
B.Coal—Fuller Coal & Mining Co.
B.Coal—M. H. Lucas. (Local.)

PERCHE, Boone Co. Ry. Columbia, 913. Banking town Sturgeon.
B.Coal—J. W. Stone. Open pit. (Local.)

PERRY, Ralls Co. Pop. 316. M.O. Tel. Ry. 764.
B.Coal—E. S. Boulware. Open pit. (Local.)
B.Coal—J. S. Evans. Tunnel. Open pit. Horse. (Local.)
B.Coal—Ralls Co. Coal Co. Shaft, 40 ft. 8,000 tons; 240 days; 27 employes. Horse.
B.Coal—John Russell. Russell mine. Open pit. (Local.)

PIERCE CITY, Lawrence Co. Pop. 2,501. M.O. Tel. Ry. 766.
Marb.—T. C. Bunnell. Marble.
L.Z.—Gross & Keene Bros. Lead and zinc.
L.Z.—Pierce City Mining Co. Lead and zinc.

PLEASANTHILL, Cass Co. Pop. 2,217. M.O. Tel. Ry. 414; 541.
Marb.—Parker, Earl & Co. Marble.

POPLARBLUFF, Butler Co. Pop. 2,187. M.O. Tel. Ry. 771.
Marb.—E. C. Bess. Marble.

POTOSI, Washington Co. Pop. 599. M.O. Tel. Ry. 771.
L.Z.—Wm. Long. Lead and zinc. Shafts, 20 ft. 11 tons; 6 employes.
L.Z.—McArthur Bros. Lead and zinc. Shafts, 60 ft. 415 tons. Hugh McGregor, mine supt.

PRINCETON, Mercer Co. Pop. 1,410. M.O. Tel. Ry. 177.
Marb.—Sams & Bowman. Marble.

PROSPERITY, Jasper Co. Ry. Webb City, 31; 414; 541. Banking town Carterville.
B.Coal—J. D. Warnack. (Local.)

PURDY, Barry Co. Pop. 325. M.O. Tel. Ry. 766.
Atty.—J. B. McGuffin, Attorney at Law and General Counselor.

QUEEN CITY, Schuyler Co. Pop. 377. M.O. Tel. Ry. 913.
B.Coal—Ira Golston. Shaft, 60 ft. 120 tons.

QUITMAN, Nodaway Co. Pop. 332. M.O. Tel. Ry. 419.
B.Coal—Corydon Bird. Slope. 600 tons; 250 days; 4 employes.
B.Coal—R. Harris. Shaft. Horse. (Local.)
B.Coal—W. R. Holt. Slope. Tunnel. Horse. (Local.)
B.Coal—Kessinger Co. Farmer mine. Shaft. Horse.
B.Coal—G. W. Nelson. Collins mine. Slope. (Local.)
B.Coal—Nicholas Bros. Shaft. Horse. (Local.)
B.Coal—Pearson Bros. Pearson mine. Slope.
B.Coal—N. Roberts. Quitman mine. Shaft. Horse.
B.Coal—Benj. Tarpley. (Local.)

RACINE, Newton Co. M.O. Ry. 766. Banking town Neosho.
Smlt.—Dayton Mining & Smelting Co.

RENICK, Randolph Co. Pop. 437. Ry. 913. Banking town Moberly.
B.Coal—Brown & Welsby. Shaft, 65 ft. 500 tons.
B.Coal—Enterprise Coal Co.

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RENICK—Continued.
B.Coal—Forest & Genola. (Local.)
B.Coal—J. L. Morris. Slope. 600 tons; 3 employes.
B.Coal—Renick Coal Co. Renick mine. Shaft. Steam.

REPUBLIC, Greene Co. Pop. 381. M.O. Tel. Ry. 766.
L.Z.—R. A. Sayers Mining Co. Lead and zinc.

REYNARD, Bates Co. Banking town and Ry. Appleton City, 540.
B.Coal—Pearce & Kennedy. (Local.)
B.Coal—D. Teeler. (Local.)

RICHHILL, Bates Co. Pop. 4,010. M.O. Tel. Ry. 414; 541.
B.Coal—Bedford Coal Co. Shaft, 50 ft. 27,400 tons; 158 days; 50 employes. Steam.
B.Coal—Borron Bros. Open pit. 13,000 tons; 200 days; 2 employes.
B.Coal—Wallace Bruce. Slope. Horse.
B.Coal—Bruce & Manville. Slope. 29,000 tons; 150 days; 40 employes. Horse.
B.Coal—Carbon Centre Coal Mining Co.
B.Coal—J. C. Griggs. Open pit. 540 tons; 60 days; 3 employes.
B.Coal—S. W. Hopkins. (Local.)
B.Coal—Kansas Line Coal Co. Slope. 13,000 tons; 70 days; 8 employes. Horse.
B.Coal—Keith & Perry Coal Co., 906 Walnut st., Kansas City. Shafts. Steam.
B.Coal—McComb Bros. & Co.
B.Coal—Martin-Gee Coal Co. Slope. 9,000 tons; 130 days; 20 employes. Horse.
B.Coal—Martinsburg Coal Co.
B.Coal—Peter Pearson. Open pit. 2,000 tons; 256 days; 3 employes.
B.Coal—Rich Hill Coal Mining Co. No. 15 mine. Shaft, 104 ft. 80,000 tons; 132 days; 270 employes. No. 18 mine. Shaft. 26,000 tons; 105 days; 70 employes. No. 19 mine. Shaft, 104 ft. 13,000 tons; 44 days; 20 employes. Steam.
Smltr.—Rich Hill Zinc Works (W. P. Coleman, propr.). Smelter, 12 tons daily capacity. 300 days; 130 employes. Steam.
B.Coal—H. P. Robinson. Open pit. 400 tons.
B.Coal—O. Spencer. (Local.)
B.Coal—Sullivan & Cheney. (Local.)
B.Coal—Sullivan & Miller. Slope. 2,000 tons; 150 days; 2 employes. Horse.
B.Coal—Vernon Coal & Mining Co. Slope. 30,000 tons; 60 days; 70 employes. Steam.
B.Coal—F. Williams. (Local.)
B.Coal—J. M. Wise Coal Co.
B.Coal—Woodson & Woodson. (Local.)

RICHMOND, Ray Co. Pop. 2,895. M.O. Tel. Ry. 31.
B.Coal—Black Diamond Coal Co. Shaft, 67 ft. 800 tons; 130 days; 4 employes. Horse.
B.Coal—Darneal Coal Co.
B.Coal—Dickson & Stewart. Shaft, 25 ft. 500 tons; 100 days; 3 employes. Horse.
B.Coal—J. W. Harrison. Shaft, 30 ft. 450 tons.
B.Coal—Hayson & Douglas. Shaft, 80 ft. 2,000 tons; 200 days; 7 employes. Horse.
B.Coal—Hubbell Coal Co.
B.Coal—Hubbell, Hyatt & Hubbell. Shaft, 100 ft. 9,000 tons; 90 days; 60 employes.
B.Coal—Hubbell & Fisher Coal Co. Shaft, 100 ft. 9,000 tons; 90 days; 50 employes. Horse.
B.Coal—Mosby & Dougherty. Shaft, 60 ft. 1,000 tons; 140 days; 6 employes. Horse.
B.Coal—Jesse Murray. Shaft, 65 ft. 800 tons; 160 days; 3 employes. Horse.
B.Coal—Pickering Coal Co. Mine No. 11. Shaft, 107 ft. 10,016 tons; 98 days; 12 employes. Steam.
B.Coal—Jas. Pickering. (Local.)
B.Coal—Pence & Anderson. Shaft, 83 ft. 2,650 tons; 200 days; 11 employes. Horse.
B.Coal—Pence & Calneir. Shaft, 80 ft. 4,233 tons; 150 days; 32 employes. Horse.
B.Coal—A. F. Rankin. Drift. 4,275 tons; 73 days; 40 employes.
B.Coal—Patrick Walsh. Shaft, 90 ft. 680 tons; 97 days; 4 employes. Horse.
B.Coal—Mrs. Mary Wilson. Wilson mine No. 8. Shaft, 105 ft. 4,880 tons; 122 days; 28 employes. Steam.

RICHWOODS, Washington Co. Pop. 180. Ry. Blackwell, 541. Banking town Desoto.
L.Z.—C. Stocking. Lead and zinc.
B.Coal—Cyclone Mining Co. Shafts, 50 ft. 300 tons; 15 employes. Steam.

ROANOKE, Howard Co. Pop. 207. M.O. Banking town and Ry. Armstrong, 154.
B.Coal—John Cross. (Local.)

ROLLA, Phelps Co. Pop. 1,592. M.O. Tel. Ry. 766.
F.Clay—J. L. Busket. Fire clay.
Stone—L. A. Livesay. Limestone and sandstone.

ROLLA—Continued.
Stone—A. S. Long. Limestone.
L.Z.—Seaman Mining Co. Lead and zinc.
Stone—Stanzell & Moore. Malcomb's quarry. Limestone.

ROTHVILLE, Charlton Co. Pop. 176. M.O. Tel. Ry. 31.
B.Coal—Z. T. Hollway. (Local.)

RUSSELLVILLE, Cole Co. Pop. 120. M.O. Tel. Ry. 541. Banking town Jefferson City.
Marb.—J. A. Newbald. Marble.

ST. CHARLES, St. Charles Co. Pop. 6,161. M.O. Tel. Ry. 540; 913.
L.Z.—Saginaw Lead & Zinc Co. Shafts, 40 ft.; 4 employes.
Marb.—R. F. Pouri. Marble.
Stone—Wm. Pundman.
L.Z.—St. Charles Lead & Zinc Co. Lead and zinc.
B.Coal—H. H. Steed. (Local.)
Stone—Thompson & Gray Quarry Co., 202 Wainwright Bldg., St. Louis. Jungs quarry. Oolitic limestone. 60,000 yds.; 300 days; 50 employes. Stone crusher, 300 yards daily capacity. Steam. C. P. O'Reilly, quarry supt.
Quarry No. 1. Limestone. 20,000 yards; 200 days; 35 employes. Stone crusher, 200 yards daily capacity. Steam. S. D. O'Neil, quarry supt.
Marb.—Julius Waye. Marble.

ST. CLAIR, Franklin Co. Pop. 208. M.O. Tel. Ry. 766. Banking town St. Louis.
Copp.—W. B. Shotwell. Copper.

ST. GENEVIEVE, St. Genevieve Co. Pop. 1,586. M.O. Tel. Ry. Chester, Ill., 153.
Stone—Chris. Boyer. Limestone.
Stone—Jules Boyer. Limestone.
Marb.—Egyptian Marble Co. Marble.
Stone—F. Mosser. St. Genevieve quarry. Oolitic limestone. Slope. Horse. Lime kiln.
Stone—A. A. Wilder. Limestone.

ST. JAMES, Phelps Co. Pop. 467. M.O. Tel. Ry. 766. Banking town Rolla.
L.Z.—James & Jones. Lead and zinc. (Idle.)

ST. JOSEPH, Buchanan Co. Pop. 52,324. M.O. Tel. Ry. 31; 167; 171; 177; 362; 419; 541; 760.
Marb.—J. B. Johnson. Marble.
Marb.—Nathaniel Lee. Marble.
Marb.—Sebastian Maier.
B.Coal—Oakdale Coal & Mining Co., 108 S. 7th st.
Stone—Pfeiffer Stone Co.
B.Coal—Thornberg, Roster & Co.
Roll.M.—Union Steel & Iron Works.
B.Coal—Williams Coal Co.

ST. LOUIS, St. Louis Co. M.O. Tel. Pop. 452,000. Ry. 154; 167; 479; 482; 541; 545; 766; 767; 771; 772; 774; 775a; 870; 913.
Stone—J. W. Allen, 4407 S. Broadway.
Gold—American Gold Mining Co., 24 N. 3d st.
Stone—American Lithograph Stone Co., 304 N. 8th st. Lithograph stone.
Trip.—American Tripoli Co., 904 Pine st. H. C. Stifel, pres.; E. S. Quignon, v. pres.; F. R. O'Neil, secy. and treas. Cap. stk. $100,000, pd. up. Quarry at Seneca.
L.Z.—Ash Grove Lead & Zinc Mining Co., 11th & Walnut sts. Lead and zinc.
B.Coal—Atoka Coal & Mining Co., Sixth and Locust sts.
Gold—Augusta Mining Co., 304 N. 8th st.
Stone—B. C. R. Quarry & Construction Co., 1016 Market st.
Lead—Banner Mining & Milling Co.
G.S.—Bimetallic Mining Co., 319 N. 4th st. Paul A. Fusz, pres.; Charles D. McLure, v. pres.; F. J. Casey, secy.; M. Rumsey, treas. Cap. stk. $5,000,000, pd. up. Gold and silver. Mine at Phillipsburg, Mont.
G.S.—Bondurant Gold Mining Co. (C F. Bruner, prop.) Mine at Coulterville, Cal.
Smlt.—Louis R. Bonehill & Co., Water & Haven sts.
Gran.—John Brien, Forriessand av. Granite.
Wire Rope—Broderick & Bascom Rope Co., 704 and 706 N. Main st. John J. Broderick, pres.; Joseph D. Bascom, secy. and treas. Manufacturers and dealers, Wire Rope, Manila Rope and Cordage, Tackle Blocks, Wire Rope Blocks, Iron Sheaves, Derrick Irons, Horse Powers, Crabs, Wire Rope Fastenings, etc.
B.Coal—R. B. Brown Coal Co., 512 Rialto Bldg.
Stone—Lawrence Bruce, Jefferson av. & Missouri Pacific R.R.
Gran.—Bruce & Sheahan. Granite. Jefferson ave. bridge & Mo. Pac. Ry.
As.Met.—Guy Bryan, M. E., Assayer and Metallurgist, 323 Market st. Assayer in charge United States Assay Office.
As.Met.—John G. Bryan, M. E., Assayer and Metallurgist, 323 Market st. Assistant Assayer United States Assay Office.
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ST. LOUIS—Continued.
Z.C.—Buffalo Zinc & Copper Co., 415 N. 4th.
Marb.—Carthage Marble & White Lime Co., Chateau av. Marble.
Stone—Carthage Stone Co., Theresa ave. & Gratiot st. Chas. O. Dorr, mgr.
Stone—T. E. Cavanaugh, Garrison ave.
Lead—Central Lead Co., 420 Poe Bldg. H. J. Cantwell, pres.; C. S. Rogers, secy. and treas.; Arthur Thacker, M. E., gen. mgr. and buyer. Cap. stk. $400,000, pd. up. Mine at Flat River.
Ch.M.E.—Regis Chauvenet & Brother, Chemists and Mining Engineers, 709 Pine st.
Stone—Cheltenham Quarry Co., 920 Olive st. Limestone.
Zinc—Cherokee-Lanyon Spelter Co., Laclede Bldg. Zinc.
Gold—Chestatee Co., 411 N. 11th st. J. D. Thompson, pres. and treas.; Alex. Ross, secy. Cap. stk. $100,000, pd. up. Gold mine at Dahlonega, Ga.
Gold—Combination Mining & Milling Co., 132 Laclede Bldg.
Gold—D. Conlan.
B.Coal—Consolidated Coal Co., Laclede Bldg. Chas. Ridgely, pres.; J. C. Simpson, v. pres., gen. mgr. and buyer; Geo. T. Cutts, secy. and treas. Mine at Fairmount, Ill.
G.S.—Consolidated Mining Co. Gold and silver.
B.Coal—Crown Coal Co., foot Carr st.
B.Coal—Wm. Crowson & Sons, 702 N. 7th st.
Stone—Crystal Springs Quarry Co., 410½ Market st. Limestone.
G.S.—Custer Mining Syndicate, 134 Laclede Bldg. Charles Clark, pres.; Harry P. Clark, gen. mgr. (Not incorporated.) Cap. $100,000. Mine at Winston, Mont. Gold and silver.
Smlt.—Union Mining & Smelting Co.
Lead—Derby Lead Co., 3rd and Pine sts. H. M. Noel, pres. and treas.; Geo. J. Cole, v. pres., gen. mgr. and buyer; H. G. Noel, secy. Cap. stk. $200,000, pd. up. Mine at Elvins.
Lead—Desloge Consolidated Lead Co., 322 Pine st.
Gold—J. B. Drury, 101 S. Main st.
B.Coal—Dutch Hollow Coal & Mining Co., 1720 Clark ave. Mines at Birkner and Freeburg, Ill.
Silv.—Eclipse Silver Mining Co., 421 Olive st.
Gold—El Oro Mining & Milling Co. Mine at Hillsboro, N. Mex.
L.Z.—Electric Lead & Zinc Co., 619 Chestnut st.
L.Z.—Elizabeth Mining Co., Security bldg. Lead and zinc.
L.Z.—Emile Zinc Co., 24 N. 3rd. Lead and zinc.
Gold—Eureka & Excelsior Gold Mining Co., 707 Oriel Bldg.
Roll.M.—Ewald Iron Co. Rolling mill.
Marb.—Eyerman Bros., Virginia ave., cor. Walch. Marble.
Stone—Fletcher & Barrett Construction Co.
Stone—John H. Fong, 3938 Fairboro ave.
Stone—Wm. J. Frein, Wilson, nr. Knox ave.
G.S.—Garnet Gold Mining Co., 226 Walnut. Gold and silver.
L.Z.—Gillman Mining Co., 417 Pine. Lead and zinc.
Asph.—Gilson Asphaltum Co., 7th & Chestnut sts.
B.Coal—Glendale Coal & Mining Co., 414 Market.
Stone—Glendale Quarry Co., Old Manchester rd.
Zinc—Glendale Zinc Works, cor. Blow & Water sts.
B.Coal—C. W. Goetz & Co., 11th, cor. Walnut st.
Stone—Wm. Goetz, 3253 Watson rd.
Gold—Gold Nugget Mining & Milling Co., 1017 Chestnut.
G.S.—Good Hope-Bonanza Mining Co. A. J. Gerhard, pres.; E. Schluter, secy.; O. J. Gerhard, treas.; R. C. Troeger, gen. mgr. Cap. stk. $500,000. Mine at Hillsboro, N. Mex. Gold and silver.
Stone—Grafton Dolomite Stone Co., 415 Locust st. John S. Roper, secy. (Not operating in 1895.)
Stone—Grafton Quarry Co., 415 Locust st. Jas. Black, pres.; Wm. McCully, v. pres.; John S. Roper, secy. and treas. Limestone. Quarry at Grafton, Ill.
Lead—Granby Mining & Smelting Co., 405 N. 6th st. Lead. Mines at Joplin, Orongo and Granby.
Gold—Grand Junction Mining & Milling Co.
Gran.—Granite Mountain Co., 319 N. 4th. Granite.
G.S.—Granite Mountain Mining Co., 319 N. 4th st. L. M. Rumsey, pres.; A. B. Ewing, v. pres.; Paul A. Fusz, secy. and treas. Cap. stk. $10,000,000, pd. up. Mine at Granite, Mont. Gold and silver.
Stone—Grant Quarry Co., 1024 Old Manchester road. Casper Stolle, pres.; S. H. Hoffman, v. pres.; F. W. Heimann, secy.; Wm. Stolle, treas.; T. J. Quinn, gen. mgr. Cap. stk. $50,000, pd. up. Quarry at Glendale.
Stone—Gratiot Brick & Quarry Co.
L.Z.—Gretchen Lead & Zinc Co., Bank of Commerce.
Gran.—C. C. Helmers, 904 Olive. Granite.
Stone—Heman Construction Co., Ashland ave.
G.S.—Highland Mining Co., 219 N. 4th st. Gold and silver.
Gran.—Hill & O'Meara Construction Co., rms. 7 & 8 Equitable Bldg. Granite.
Gran.—Hodges & McCarthy, Laclede Bldg. Granite.
Stone—Hogan & Moran, 2424 Garrison ave.
Chem.—H. Aug. Hunicke, Chemist and Consulting Engineer. Professor of Applied Chemistry, Washington University.
G.S.—Ingram Mining Co., 219 N. 4th. Gold and silver.
S.L.—Iron Clad Mining Co., 204 N. 3rd st. Silver and lead.
Stone—Iron Mountain Co., 319 N. 4th.
B.Fur.—Jupiter Furnace Co., 707 Olive st. Blast furnace.

ST. LOUIS—Continued.
B.Coal—Kansas & Texas Coal Co., Laclede Bldg. Mines at Ardmore and Fleming.
G.S.—J. W. Kaufman. Gold and silver.
Stone—C. Kempf & Co., Pennsylvania ave. & Meader st.
Stone—Kincaley Bros., Florissant ave.
Stone—King & Zesch, 4801 Minn ave.
Stone—Henry C. Leis, 6200 Gravois ave.
S.C.—Leo Mining & Milling Co. of Montana, 410 Commercial Bldg. Henry D. Laughlin, pres.; L. Freund, v. pres.; John P. Meyer, secy.; L. A. Coquard, treas. Cap. stk. $500,000, pd. up. Mine at Butte, Mont. Silver and copper.
Wire Rope—A. Leschen & Sons Rope Co., 920 and 922 N. Main st. Manufacturers of Tramways, Cableways, Transportation by wire rope, Wire Rope, Manila Rope, Tackle Blocks and Wire Rope Fittings.
Stone—F. W. Linn, 2300 Herbert st.
Zinc—Little Nellie Zinc Co., 619 Chestnut st.
B.Coal—Longmeyer & Rutledge, 621 Union Telegraph Bldg.
B.Coal—Madison Coal Co., 415 Locust st.
Gold—Manhattan Gold Mining Co., 821 Pine st.
Gold—Manhattan Gold Mining & Milling Co., Laclede Bldg.
Gran.—Henry Marquardt, 106 So. 8th st. Granite.
Gold—P. B. Mathiason, 5310 N. 2nd st. Gold.
Marb.—Jos. May. Marble.
B.Fur.—Midland Blast Furnace Co., 305 Olive st.
G.S.—Midnight Mining Co., 103 Granite Bldg. Leo Rassieur, pres.; F. W. Guerin, v. pres.; W. J. Althaus, secy.; J. C. Somerville, treas. Cap. stk. $50,000, pd. up. Mine at Chloride, N. Mex. Gold and silver.
Gran.—Milne & Gordon, Pine, cor. 19th. Granite.
B.Fur.—Missouria Furnace Co., 415 Locust st. Blast furnace.
Iron—Missouri Iron Co., 411 Olive.
Stone—Missouri Marble Co., Jefferson ave. and Pacific R.R. J. F. Hinckley, pres.; A. W. Scott, v. pres.; R. W. Jay, secy. and treas.; J. H. Hedges, gen. mgr.; J. T. Loudermilk, buyer. Quarry at S. Greenfield.
Marb.—Missouri Marble Quarry Co., 421 Olive st. Marble.
Stone—Missouri Stone Co., 904 Olive st.
L.Z.—Mittleberg Lead & Zinc Mining Co., 6 Seventh st.
Stone—C. Morschel, 2753 Cherokee.
Stone—National Brick & Quarry Co., 717 Chestnut.
G.S.—Noble Mining & Milling Co., 221 Chestnut. Gold and silver.
G.S.L.—Nogales & Bonito Mining & Milling Co. Fifty patented claims at Nogales, N. Mex. Gold, silver and lead.
B.Coal—Osage Coal & Mining Co., 405 N. 6th st.
Gold—Pacific Gold Co., 702 Oriel Bldg.
Stone—Perkinson Bros. Construction Co., 2044 E. Gravel ave.
Zinc—Petrie Zinc Mining Co., 16 N. 8th st.
G.S.—Petzite Mining & Milling Co. Gold and silver.
Stone—Pickle Stone Co., Old Manchester rd.
Stone—G. G. Prendergast, 2603 Belt ave.
B.Coal—Randolph Coal & Coke Co., Equitable Building.
Stone—J. G. Redemeyer, Angelica, cor. Blair st.
G.S.—St. James Mining & Mineral Paint Co. Gold and silver.
L.Z.—St. Louis-Aurora Mining Co., 317 N. 4th st. H. H. Wernse, pres.; Robert Ranken, v. pres.; H. G. Noel, secy.; H. M. Noel, treas.; L. W. Hubbell, gen. mgr. and buyer. Cap. stk. $100,000, pd. up. Mine at Aurora.
G.S.—St. Louis-Colorado Silver & Mining Co., 601 Fagin Bldg. Gold and silver.
Stone—St. Louis Cut Stone Co., 3535 Gratiot st.
B.Coal—St. Louis Fuel Co., 1626 Clark ave.
Asph.—St. Louis Gilsonite Asphaltum Co.
Mang.—St. Louis Manganese Co., 70 Gay Bldg.
G.S.—St. Louis Milling & Mining Co., 412 Temple Bldg. Gold and silver.
Gold—St. Louis Mining & Milling Co. of Montana, 219 N. 4th st.
Iron—St. Louis Ore & Steel Co., 4th & Market sts. Iron.
Stone—St. Louis Quarry & Construction Co., 920 Olive st.
Smlt.—St. Louis Smelting & Refining Co., McLind & Manchester ave.
Roll.M.—St. Louis Steam Forge & Iron Works, Main & Miller sts. Rolling mill.
G.S.L.—St. Louis & Argenta Mining Co., 1431 N. 15th st. Gold, silver and lead.
B.Coal—St. Louis & Big Muddy Coal Co., 214 N. 4th st.
Phos.—Saddle Creek Phosphate Co., 307 Chamber of Commerce. C. J. Searles, pres. Cap. stk. $300,000, $140,000 pd. up. Mine at Bartow, Fla.
B.Coal—Saint Clair Coal Co., 316 Olive st.
Gran.—Schneider Granite Co., 1832 S. 8th st. Ph. W. Schneider, pres.; Julius A. Schneider, v. pres.; P. W. Schneider, Jr., secy., gen. mgr. and buyer; S. Schneider, treas. Cap. stk. $150,000, pd. up. Quarry at Graniteville. Granite.
B.Coal—M. Schweitzer, 1401 N. 10th st.
B.Coal—Scruggs-McClure Coal Co., 526 Locust st.
B.Coal—J. C. Sickinger, 709 N. 10th st.
B.Coal—J. H. Siegrist, 219 N. 4th st.
Stone—Skrainka Construction Co., Granite Bldg.
Stone—So. St. Louis Stone & Construction Co., 1051 N. 7th st.
B.Coal—Southwestern Coal Co., 105 N. 7th st.
Coke—Standard Coke Co., Bremen ave.

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ST. LOUIS—Continued.
Stone—E. Stark, 1875 Madison st.
B.Coal—Stephen & Tanssig, 515 Pine st.
Stone—Stifel & Ruckert, 2324 Kosciusko st.
B.Coal—Superior Coal Mining Co., 24 Laclede Bldg.
Gran.—Syenite Granite Co., 125 S. 4th st. Wm. Russell Allen, pres.; E. M. Smith, v. pres. and gen. mgr.; J. W. Wallace, secy.; Thos. F. Walsh, treas. and buyer. Cap. stk. $300,000, pd. up. Quarry at Graniteville.
B.Coal—Sylvester Coal Co., 219 N. 4th st.
Stone—Tavern Rock Sand Co., 316 Commercial Bldg.
Stone—Thompson & Gray Quarry Co., 202 Wainwright Bldg. J. W. Thompson, pres.; Jno. Gray, v. pres.; A. T. Mispagel, secy. and treas.; Chas. T. Bray, buyer. Cap. stk. $10,000, pd. up. Quarries at St. Charles and Canton.
Roll.M.—Tudor Iron Works, 415 Locust st. T. A. Meysenburg, pres., gen. mgr. and buyer; B. S. Adams, secy.; F. W. Oliver, treas. Works at E. St. Louis, Ill. Rolling mill.
C.E.—R. L. Van Sant, Civil Engineer, 609 Commercial Bldg.
B.Coal—Vanderventer Coal Co., Chateau ave.
Gold—Virginia Mining & Milling Co., 816 Olive. Gold.
B.Coal—Walnut Hill Coal Co., 1718 Clark ave.
B.Coal—Walnut Land & Coal Co., 405 N. 6th st.
B.Coal—Walnut Valley Coal Co., 1718 Clark ave.
B.Coal—Western Anthracite Coal Co., 219 N. 4th st. Branch of Duquoin Union Coal Co., Duquoin, Ill.
B.Coal—Western Coal & Mining Co., 405 N. 6th st.
M.E.—H. A. Wheeler, Consulting Mining Engineer, 2700 Pine st.
Gold—White Oaks Mining Co., 509 Olive st. Rolla Wells, pres.; E. W. Parker, gen. mgr. and buyer. Cap. stk. $200,000, pd. up. Mine at White Oaks, N. Mex.
Slate—T. H. White, 812 S. 7th. Slate.
B.Coal—Willis Coal & Mining Co.
Geol.—Arthur Winslow, Geologist and Mining Expert, Roe Bldg.

ST. PETERS, St. Charles Co. Pop. 334. M.O. Tel. Ry. 774; 913. Banking town St. Charles.
Stone—Geo. Arnold.
Stone—Max Schultz.

SAGINAW, Newton Co. Ry. 418. Banking town Neosho.
L.Z.—Saginaw Lead & Zinc Co. Ch. Davis, Saginaw, Mich., pres.; W. G. Knowlton, Saginaw, Mich., secy.; W. H. Picher, treas.; John Reinmiller, buyer. Cap. stk. $50,000. Saginaw mine. Shaft. 10 employes.

SALEM, Dent Co. Pop. 1,315. M.O. Tel. Ry. 766.
B.Coal—A. C. & J. S. Cansey. (Local.)

SANDSTONE, Vernon Co. Banking town and Ry. Nevada, 540; 541.
B.Coal—A. S. Cook. (Local.)
B.Coal—F. C. Hart. (Local.)

SAVANNAH, Andrew Co. Pop. 1,288. M.O. Tel. Ry. 171; 419.
Stone—S. Huffman.
Marb.—J. R. McDermott. Marble.
B.Coal—Picket & Schwetzins. (Local.)
C.E.—Richard H. Sause, Civil Engineer.

SCHELL CITY, Vernon Co. Pop. 847. M.O. Tel. Ry. 540.
Marb.—G. A. Miller. Marble.
B.Coal—H. G. Mosher. Open pit. 120 tons. (Local.)

SEDALIA, Pettis Co. Pop. 15,000. M.O. Tel. Ry. 540; 541; 814.
Marb.—Clay & Heynen. Marble.
B.Coal—A. B. Cohen. (Local.)
Lead—John N. Dalby, care Third National Bank. (Local.)
B.Coal—Sedalia Mining & Prospecting Co.

SENECA, Newton Co. Pop. 1,101. M.O. Tel. Ry. 766.
Trip.—American Tripoli Co., St. Louis Mo. Tripoli quarry. 20,000 tons; 300 days; 25 employes. Mill, 90 tons daily capacity. Steam. W. A. Birdsall, quarry supt.
L.Z.—Lost Creek Mining Co. Lead and zinc.
L.Z.—Seneca Lead & Zinc Mining Co.

SERVICE, Crawford Co. Ry. Leasburg, 31.
L.Z.—Lead Mountain Mining Co. Lead and zinc.

SHELDON, Vernon Co. Pop. 396. M.O. Tel. Ry. 541.
B.Coal—W. G. Gonterman. Little Black Diamond mine. Slope. Horse. (Local.)
B.Coal—Kincaid & Co. (Local.)
B.Coal—L. J. Rowe. (Local.)

SIKESTON, Scott Co. Pop. 636. M.O. Tel. Ry. 771.
B.Coal—G. W. Henson & Co. (Local.)

SKIDMORE, Nodaway Co. Pop. 320. M.O. Tel. Ry. 419.
Stone—Jacob Conrad. Florida Creek quarry. Limestone. 3,000 ft.; 70 days; 3 employes. Horse.

SLATER, Saline Co. Pop. 2,400. M.O. Tel. Ry. 154.
B.Coal—J. F. Aure. (Local.)
B.Coal—W. N. Beard. (Local.)
B.Coal—Isaac Breggs. Slope. (Local.)
B.Coal—Wm. S. Hedger Open pit. (Local.)
B.Coal—Barney Hunter. Fish Creek mine. Tunnel. 500 tons. (Local.)
B.Coal—John W. Terrill. (Local.)
B.Coal—R. P. Thompson. Slope. (Local.)

SLIGO, Crawford Co. P.O. Wilson Mills. Ry. 766.
B.Fur.—Sligo Furnace Co. Blast furnace.

S. GREENFIELD, Dade Co. Pop. 430. M.O. Tel. Ry. 414. Banking town Greenfield.
Stone—Hinckley Stone Co. South Greenfield quarry. Limestone. Open pit. Mill. Lime kilns. Steam.
Stone—Missouri Marble Co., Jefferson ave. and Pacific R.R., St. Louis. S. Greenfield quarry. Limestone. 10,000 ft. 390 days; 20 employes. Stone mill, 50 ft. daily capacity. Plaster mill, 128 barrels daily capacity. Steam. J. T. Loudermilk, quarry supt.

SPRING CITY, Newton Co. Ry. Joplin, 31; 414; 541.
L.Z.—Spring City Mining Co. Lead and zinc. Shafts, 130 ft. 1,500 tons; 20 employes. Crushers. Steam. J. W. Allen, supt.

SPRINGFIELD, Greene Co. Pop. 21,550. M.O. Tel. Ry. 414; 766.
L.Z.—Armstrong Mining Co. Lead and zinc.
L.Z.—R. P. Bowyer, Mumford. Gumbo mines. Shaft and drifts, 130 ft. Free ore. Lead and zinc. 1,600 tons; 250 days; 20 employes. Steam.
Marb.—John Cullen. Marble.
Lead—Easley Mining Co., 19 Baker Block.
B.Coal—T. D. Halliwell. (Local.)
L.Z.—Nathalie Mining Co. Lead and zinc.
B.Coal—J. Owen & Co.
B.Coal—J. R. Roberts. (Local.)
Marb.—Shea & Cullen. Marble.

SPURGEON, Newton Co. Ry. Racine, 31.
B.Coal—Henderson & Co. (Local.)

STAHL, Adair Co. M.O. Tel. Ry. 717. Banking town Kirksville.
B.Coal—Harriot Bros. Drift. (Local.)
B.Coal—Jacob Ludford. Drift. (Local.)
B.Coal—J. B. Novinger. (Local.)

STANBERRY, Gentry Co. Pop. 2,035. M.O. Tel. Ry. 634.
Marb.—R. P. Hardin. Marble.

STEELVILLE, Crawford Co. Pop. 591. M.O. Tel. Ry. 766.
Stone—W. H. Ferguson.
Stone—W. A. Metcalf.
Lead—Star Mining Co. Lead.
B.Coal—Webb & Ferguson. (Local.)

STEPHENS' STORE, Callaway Co. Pop. 129. Ry. McCredie, 154. Banking town Fulton.
B.Coal—Wm. Guy. Shaft. Horse. (Local.)
B.Coal—Wm. Oldham. Shaft. Horse. (Local.)

STONEHILL, Dent Co. Banking town and Ry. Salem, 31.
I.B.Fur.—W. T. Daugherty. Iron. Steam. Blast furnace.

STURGEON, Boone Co. Pop. 713. M.O. Tel. Ry. 913.
B.Coal—D. A. Magee & Bros.

SWANWICK, Ray Co. Ry. 131. Banking town Richmond.
B.Coal—Williams Coal Co. Shaft, 90 ft. 7,500 tons; 175 days; 32 employes. Horse.

SWEETSPRINGS, Saline Co. Pop. 1,137. M.O. Tel. Ry. 541.
B.Coal—Lynch & Jackson. Shaft, 35 ft.
B.Coal—H. H. Marmaduke. Shaft. Horse.

SYLVANIA, Dade Co. Pop. 75. Ry. Lockwood, 414. Banking town Greenfield.
B.Coal—Thomas Allen. Slope. 11,000 tons; 120 days; 4 employes. Horse.
B.Coal—Thomas Gariner. (Local.)
B.Coal—Dade County Coal & Mining Co. Thos. Allen, pres.; Samuel Allen, v. pres.; James Henson, secy.; D. Green, treas.; H. Morrison, gen. mgr.; E. Zook, buyer. Operate 12 miles Ry., 60 cars and 1 locomotive.
B.Coal—B. Devine. (Local.)
B.Coal—F. Farmer. (Local.)
B.Coal—B. Lafferty. (Local.)
B.Coal—R. Lawrence. (Local.)
B.Coal—A. Leonard. McGarvey mine. Slope. Horse. (Local.)
B.Coal—Robt. McCluey. Slope. 1,000 tons; 90 days; 4 employes. (Local.)
B.Coal—O. Ramsey. Slope. 72 tons. (Local.)

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SYLVANIA—Continued.
B.Coal—J. R. Seaton. Slope. 800 tons; 90 days; 3 employes. Horse.
B.Coal—R. W. Sharp. Star mine. Slope. Horse. (Local.)
B.Coal—M. Swaringer. (Local.)
B.Coal—Eli Zook. (Local.)

TARKIO, Atchison Co. Pop. 1,156. M.O. Tel. Ry. 419.
B.Coal—Hall Bros. & Beckett.

THOMAS HILL, Randolph Co. Banking town and Ry. Huntsville, 913.
B.Coal—Jos. Milburn & Sons. Milburn mine. Shaft. Horse.

TIPTON, Moniteau Co. Pop. 1,253. M.O. Tel. Ry. 541.
L.Z.—Tipton Lead & Zinc Mining Co.

TRENTON, Grundy Co. Pop. 5,039. M.O. Tel. Ry. 177; 717.
B.Coal—Grundy County Coal Co. Shafts, 168 and 210 ft. 30,000 tons; 210 days; 203 employes. Steam.
Mb.Gr.—Trenton Granite & Marble Works.

UNION, Franklin Co. Pop. 610. M.O. Tel. Ry. 772.
Marb.—Aug. Bauer. Marble.

UNIONVILLE, Putnam Co. Pop. 1,118. M.O. Tel. Ry. 165.
B.Coal—Jefferson Andrews. Drift. 600 tons; 4 employes.
B.Coal—G. E. De Garmo. (Local.)
B.Coal—Emporia Mining Co. Shaft, 120 ft. 4,000 tons; 300 days; 22 employes. Horse.
Marb.—Fugate, Crockett & Smith. Marble.
B.Coal—Lone & Love. (Local.)
B.Coal—Moore & Smith. Shaft, 24 ft. 400 tons; 4 employes. (Local.)

URICH, Henry Co. Pop. 500. M.O. Tel. Ry. 414.
B.Coal—J. W. Clinton. Long mine. Open pit. 500 tons; 60 days; 2 employes. (Local.)

VALLES MINES, Jefferson Co. Pop. 50. Ry. 538. Banking town Testus.
L.Z.—Valles Mining Co. Lead and zinc.

VANDALIA, Audrain Co. Pop. 979. M.O. Tel. Ry. 154.
B.Coal—Audrain Coal Co.
B.Coal—Audrain Manufacturing & Coal Mining Co.
B.Coal—Vandalia Coal Co. Wm. Bevin, pres.; R. W. Fryer, secy.; W. J. Hughes, treas.; J. R. Bratton, gen. mgr. Cap. stk. $50,000, pd. up. No. 1 shaft, 76 ft. 25,000 tons; 200 days; 60 employes. Steam. T. Morgan, mine supt. No. 3 shaft, 64 ft. Output coal and F.Clay, fire clay. 200 days; 70 employes. Steam. J. R. Bratton, supt. No. 2 shaft at Wellsville.

VERSAILLES, Morgan Co. Pop. 1,211. M.O. Tel. Ry. 541.
B.Coal—Davidson & Nelson. Tunnel. (Local.)
Marb.—A. H. Kindle. Marble.
B.Coal—Samuel Martin. Martin mine. Shaft. Steam. (Local.)
B.Coal—Stover Coal Mining Co. J. H. Blevins, pres.; A. F. Davidson, v. pres.; Samuel Daniels, secy.; Geo. H. Stover, treas. Cap. stk. $50,000, pd. up. Slope and tunnel, 350 ft.

VICHY, Maries Co. Pop. 200. M.O. Banking town and Ry. Rolla, 31.
L.Z.—Clymer and Spaulding. Vichy mine. Lead and zinc.
L.Z.—Future Great Mining & Smelting Co. Lead and zinc.
Marb.—Welch & King. Marble.

VILANDER, Crawford Co. Ry. Bourbon, 31.
B.Coal—Ben Harrison. (Local.)

VIRGINIA, Bates Co. Pop. 47. Banking town and Ry. Butler, 541.
B.Coal—S. F. Dutton. (Local.)

VISTA, St. Clair Co. Ry. 414. Banking town Osceola.
B.Coal—Douthat & Vannice. Shaft, 13 ft. 900 tons; 150 days; 4 employes. Horse.
B.Coal—Owen Coal Co.

WALKER, Vernon Co. Pop. 594. M.O. Tel. Ry. 540.
B.Coal—C. M. Burks. (Local.)
B.Coal—Margaret Burks. Open pit. 440 tons; 120 days; 2 employes.
B.Coal—C. B. Crawford. Open pit. 200 tons. Horse.
B.Coal—J. R. Dodson. Open pit. 250 tons.
B.Coal—C. S. Downing. (Local.)
B.Coal—Milton Every. (Local.)
B.Coal—L. B. Ewing. 500 tons; 100 days; 3 employes.
B.Coal—Allen Gordon. Open pit. 640 tons; 90 days; 4 employes.
B.Coal—J. H. Hightower. (Local.)
B.Coal—Hunter Bros. Open pit. (Local.)
B.Coal—Maurice Mann. Open pit. 90 tons.

WALKER—Continued.
B.Coal—Sam'l Potter. (Local.)
B.Coal—W. H. Prewitt. Open pit. 150 tons; 40 days; 2 employes. Horse.
B.Coal—J. D. Wright. (Local.)
B.Coal—T. A. Yadon. (Local.)

WARRENSBURG, Johnson Co. Pop. 4,706. M.O. Tel. Ry. 541.
Marb.—T. V. Bailey. Marble.
Stone—Wm. Bruce. Sandstone.
B.Coal—Bryson & Rose. (Local.)
B.Coal—D. A. Bullock. Slope. (Local.)
Marb.—W. M. Farmer. Marble.
B.Coal—M. B. Meiley. Shaft, 25 ft. 35,000 tons; 300 days; 10 employes. Horse.
B.Coal—J. M. Murray. Drift. 80 tons.
Marb.—W. H. Palmer.
Stone—Jacob Pickel.
B.Coal—Henry Tanner. Slope. 280 tons.
B.Coal—Benjamin F. Wood. Slope. 740 tons; 250 days; 5 employes.

WARSAW, Benton Co. Pop. 700. M.O. Tel. Ry. 814.
Marb.—I. S. Gragg. Marble.
Marb.—W. T. Moody. Marble.

WASHINGTON, Franklin Co. Pop. 2,725. M.O. Tel. Ry. 541.
Marb.—Philip Mueller. Marble.
Marb.—Wm. Mueller. Marble.

WAVERLY, Lafayette Co. Pop. 826. M.O. Tel. Ry. 541.
B.Coal—Big Six Coal Co.
B.Coal—H. C. Francisco. (Local.)
B.Coal—Waverly Coal & Mining Co. Shaft, 100 ft. 6,000 tons; 200 days; 17 employes. Steam.

WEBB CITY, Jasper Co. Pop. 5,050. M.O. Tel. Ry. 414; 766.
L.Z.—Ashercroft, Reynolds & Co. Lead and zinc.
L.Z.—Bain & McLelland. Lead and zinc. Shaft. Horse.
L.Z.—W. H. Brown. Lead and zinc.
L.Z.—S. H. Caldwell. Lead and zinc.
L.Z.—Center Creek Mining Co. Lead and zinc. Shafts, 160 ft. 19,000 tons; 250 employes. Crushers. Steam.
L.Z.—Chatham Mining Co. Lead and zinc. Shafts, 150 ft. 7,000 tons; 225 employes. Crushers. Steam.
L.Z.—Columbia & Gammon. Lead and zinc. No. 5 mine. Shaft. Tunnel. Steam.
L.Z.—W. G. Davison. Lead and zinc. Mines at Carterville.
L.Z.—Dayton Mining Co. Lead and zinc.
L.Z.—Duenweg Mining Co. Lead and zinc. Monroe Harmon, Mansfield, O., pres.; Louis Duenweg, Terre Haute, Ind., secy.; C. H. Voegele, Mansfield, O., treas.; J. A. Hardy, supt. and buyer. (Not incorporated.) Cap. $50,000. Seventy acres. 280 days; 40 employes. Steam. Breaker and washer.
L.Z.—Eleventh Hour Mining Co. J. W. Aylor, pres.; J. S. Thombs, gen. mgr. and buyer. Cap. $30,000. Mine at Carterville. Lead and zinc.
L.Z.—G. W. Evans. Lead and zinc.
L.Z.—First National Mining Co. Lead and zinc.
L.Z.—J. B. Flanders. Lead and zinc.
L.Z.—Garrison Mining Co. Lead and zinc.
L.Z.—Get There Mining Co. Mine at Carterville. Lead and zinc.
L.Z.—Hardin Mining Co., Carterville. Shafts, 180 ft. 1,100 tons; 25 employes. Crushers. Steam.
L.Z.—J. D. Hill. Lead and zinc.
L.Z.—Home & Co. Lead and zinc. Tenderfoot mine. Shaft. Steam.
L.Z.—Horton & Co. Lead and zinc. Shaft. Steam.
L.Z.—A. W. Hough. Lead and zinc. Shaft. Drift. Steam.
L.Z.—Houghton Mining Co. Lead and zinc.
L.Z.—Houghton & Son. Lead and zinc. Shaft. Steam.
L.Z.—Jack Mining Co. Lead and zinc.
L.Z.—S. P. Keller. Lead and zinc.
Stone—O. P. Kern.
L.Z.—J. F. Lewis. Shaft, 160 ft. Tunnel, 1,000 ft. Lead and zinc. 10,000 tons; 240 days; 16 employes. Steam.
L.Z.—J. W. Loomas. Lead and zinc.
L.Z.—McCorkle Hill Mining Co. Lead and zinc. Shafts, 170 ft. 2,300 tons; 14 employes. Crushers. Steam.
L.Z.—W. T. McGehee. Lead and zinc.
L.Z.—Margerum Mining Co. A. J. Orme, Atlanta, Ga., pres.; J. A. Hardy, v. pres.; John Dermott, secy., treas., gen. mgr. and buyer. Cap. stk. $300,000, $250,000 pd. up. Shafts, 20 to 140 ft. Lead and zinc. 300 days; 10 employes. Steam.
L.Z.—Minneapolis & Webb City Mining Co., Minneapolis, Minn. Lead and zinc.
L.Z.—Mosher Bros. Lead and zinc.
L.Z.—Mound City Mining Co. Lead and zinc. Mine at Carterville.
L.Z.—Nevada Mining Co. Nevada mine. Lead and zinc. Shaft.
L.Z.—Peak Mining Co. Lead and zinc.
L.Z.—Richland Mining Co. Lead and zinc. Mine at Carterville.
L.Z.—F. S. Rowe. Lead and zinc.
L.Z.—Royal Blue Mining Co. Lead and zinc. Mine at Oronoga.

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WEBB CITY—Continued.
L.Z.—A. B. Saltsman. Lead and zinc.
L.Z.—A. T. Steelman. Lead and zinc. Buck Horn mine. Shaft. Steam.
L.Z.—Stevison, Wampler & Co. Lead and zinc.
L.Z.—Tenderfoot Mining Co. Lead and zinc. Mine at Carterville.
L.Z.—Tracy Lead & Zinc Co. Lead and zinc.
L.Z.—Troup Mining Co. Lead and zinc. Mine at Carterville.
L.Z.—Victor Mining Co. Lead and zinc. Mine at Carterville.
L.Z.—D. F. Wertz. Lead and zinc.

WELLINGTON, Lafayette Co. Pop. 446. M.O. Tel. Ry. 541.
B.Coal—Andrew Carter. Drift. 240 tons. (Local.)
B.Coal—Wm. Davis. Drift. 180 tons. (Local.)
B.Coal—John Valentine. Drift. 150 tons. (Local.)
B.Coal—Wellington Coal Co. Shaft, 38 ft. 3,000 tons; 100 days; 20 employes. Horse.

WELLSVILLE, Montgomery Co. Pop. 1,138. M.O. Tel. Ry. 913.
B.Coal—Noll Buford. Shaft, 35 ft. 500 tons; 100 days; 2 employes. Electricity.
Marb.—Jos. Moore. Marble.
B.Coal—Vandalia Coal Co., Vandalia. No. 2 shaft, 80 ft. 20,000 tons; 175 days; 40 employes. Steam. Wm. Rolston, mine supt.
B.Coal—Henry Whitehead. (Local.)

WENTWORTH, Newton Co. Pop. 70. Tel. Ry. 766. Banking town Pierce City.
B.Coal—Boyer & Cook. (Local.)
B.Coal—Gilbert Bros. (Local.)
L.Z.—Henry Gross. Gobbler mine. Shaft, 100 ft. 507 tons; 9 employes. Steam.
L.Z.—Gen. A. Hamar. Lead and zinc.
L.Z.—Little Nugget Mining Co. Shaft, 90 ft. 90 tons; 7 employes. Geo. A. Purdy, mine supt.
L.Z.—Pierce Mining Co. Lead and zinc.
L.Z.—Prudy & Jones. Lead and zinc.
L.Z.—Smith and Gilbert. Lead and zinc.
B.Coal—Wentworth Mining & Improvement Co.

WESTPLAINS, Howell Co. Pop. 2,091. M.O. Tel. Ry. 414.
Iron—David Carson. Lamons mine. Tunnel, 228 ft., and open pit. Brown hematite ore. 12,000 tons; 288 days; 20 employes. Horse.
B.Coal—G. D. Hope. (Local.)

WINDSOR, Henry Co. Pop. 1,427. M.O. Tel. Ry. 540.
B.Coal—L. W. Beaman. Shaft. 1,400 tons; 310 days; 3 employes. Horse.
B.Coal—J. A. & E. Hughes. Shaft, 18 ft. 800 tons; 218 days; 3 employes. Horse.
B.Coal—J. W. Shook. Shaft, 25 ft. 1,500 tons; 160 days; 6 employes. Horse.
B.Coal—T. J. Wells.

WISE, Barton Co. Ry. Lamar, 414; 541.
B.Coal—L. Allen. Open pit. 480 tons. 100 days; 3 employes.

WOODLAND, Marion Co. Tel. Ry. 362. Banking town Palmyra.
B.Coal—Hunt Bros. (Local.)

WOOSTER, Audrain Co.
B.Coal—D. J. Atkins. Atkins mine. Shaft, 40 ft. 4,000 tons; 240 days; 12 employes. Steam.

WORLAND, Bates Co. Pop. 500. M.O. Tel. Ry. 418; 541. Banking town Foster.
B.Coal—L. Baldwin. Open pit. (Local.)
B.Coal—F. Bear. Drift. 820 tons; 80 days; 4 employes. Horse.
B.Coal—F. H. Caton. (Local.)
B.Coal—Hudson & Co. Drift. 600 tons; 75 days; 4 employes. Horse.
B.Coal—F. A. Raney & Co. (Local.)
B.Coal—Raney & Washburn. Shaft, 45 ft. 5 employes. Horse.
B.Coal—Rankin Bros. Open pit. 800 tons; 160 days; 4 employes. (Local.)
B.Coal—D. L. Robinson. (Local.)
B.Coal—Springer & Gardiner. (Local.)
B.Coal—J. M. Tatley. Slope. 190 tons. (Local.)

ZINCITE, Jasper Co. Pop. 1,171. Ry. name Belleville, 414. Banking town Joplin.
L.Z.—Alvey & Clevenger. Lead and zinc. Shaft. Steam.
L.Z.—Collins Mining Co. Lead and zinc.
L.Z.—J. Copley. Lead and zinc.
L.Z.—Hoff Mining Co. Lead and zinc.
L.Z.—Illinois & Missouri Mining Co. Lead and zinc.
L.Z.—Murphy Mining Co. Lead and zinc.
L.Z.—P. Murphy, Joplin. Shaft, 114 ft. Lead and zinc. Blende ore. J. Burgess, mine supt.

ZINCITE—Continued.
Zinc—Standard Mining Co. E. J. Johns, pres.; E. J. Williams, v. pres.: J. H. Dangerfield, secy., treas., gen. mgr. and buyer. Cap. stk. $150,000, $75,000 pd. up. Standard mine. Shaft, 208 ft. 1,500 tons; 300 days; 14 employes. Breaker. Rolls. Jigs. Steam. Jas. N. Connely, mine supt.

ZOLA, Schuyler Co. Ry. name Guime, 426. Banking town Glenwood.
B.Coal—M. A. Hargraves. Drift. 500 tons; 60 days; 3 employes. (Local.)
B.Coal—Raven Coal & Mining Co. Shaft, 28 ft. 1,000 tons; 94 days; 9 employes. Horse.

MONTANA

ADOBETOWN, Madison Co. Pop. 46. Ry. Dillon, 899. Banking town Virginia City.
Gold—Pine & Parckney.

ALAMO, Beaverhead Co. P.O. Fox. Ry. Divide, 899.
Gold—Wm. Christensen.

ANACONDA, Deerlodge Co. Pop. 3,975. M.O. Tel. Ry. 104; 552.
Gold—American Gulch Mining & Milling Co.
Copp.—Anaconda Copper Co.
Gold—Anaconda Mine Co.
Gold—Antelope Mining & Smelting Co.
Gold—Blue Eyed Nellie Mining & Smelting Co.
Qsr.—Boulder Flume & Mercury Co. Quicksilver.
Qsr.—F. G. Brown.
G.S.—Bullion Gold & Silver Mining Co.
G.S.—Gilchrist, English & Fish. Gold and silver.
Gold—Red Lion Mining & Milling Co.

ARGENTA, Beaverhead Co. Pop. 216. M.O. Banking town and Ry. Dillon, 899.
Gold—Lake View Consolidated Gold & Silver Mining Co., care of First Nat. Bank, Dillon. Tunnel, 100 ft. Free ore. Operating five mines. (Developing.)

ARMINGTON, Cascade Co. M.O. Tel. Ry. 346. Banking town Great Falls.
G.S.—J. T. Armington. Gold and silver.
G.S.—Lewis, Frank & Co. Gold and silver.

AUGUSTA, Lewis & Clark Co. Pop. 38. M.O. Ry. Craig, 346. Banking town Helena.
G.S.—L. S. & G. S. Goss. Gold and silver.
B.Coal—Philip Leighton.

AVON, Deerlodge Co. Pop. 116. Tel. Ry. 617. Banking town Deerlodge.
G.S.—Eli & Wm. Price. Gold and silver.

BALDBUTTE, Deerlodge Co. Ry. Marysville, 617. Banking town Helena.
Gold—Bald Butte Mining Co. Bald Butte mine. Tunnel, 1,250 ft. Free ore. 30 employes. Stamp mill.
Gold—Longmaid Bros. (J. Henry & Frank). Frank Longmaid, M. E., gen. mgr. Cap. $20,000. Mine at Marysville.

BANNOCK CITY, Beaverhead Co. Pop. 193. M.O. Banking town and Ry. Dillon, 899.
Gold—Bannock Ditch & Mining Co. Gold.
Gold—Bon Accord Placers, Ltd. J. S. Wallace, pres.; B. T. L. Thomson, v. pres.: F. C. Ball, secy.: Arthur F. Bowker, M. E., gen. mgr. Cap. stk. $50,000. Placer. 12 employes; 2,500 tons daily. Hydraulic. Hugh P. Grugin, mine supt.
Gold—Dyer Creek Placer Mining Co. Gold.
Gold—Faithful Mining Co. Faithful mine. Tunnel, 400 ft. Free ore. 15 employes. H. B. Adsit, supt.
G.S.—Fred North & Co. Gold and silver.
Gold—H. T. Oxnard, New York. Gold Chain mine. Tunnel. Free ore. (Developing.)
Silv.—Polaris Mining & Milling Co. Polaris mine. Silver. Tunnel, 1,800 ft. Free and refractory ore. O. T. H. Allen, supt.
G.S.—Paul Van Dervoort, Omaha, Neb. Dement mine. Tunnel, 800 ft. Shaft. Gold and silver. Refractory and free ore.

BARKER, Meagher Co. Pop. 500. M.O. Tel. Ry. 346. Banking town Neihart.
G.S.—Alice Mining Co. Gold and silver.
G.S.—Barker Mining Co. Gold and silver.
G.S.—Dry Fork Mining Co. Gold and silver.
G.S.—H. C. Foster & Co. Gold and silver.
G.S.—Loretta Mining Co. Gold and silver.
G.S.—May & Edna Mining Co. Gold and silver.
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BARKER—Continued.
G.S.—Moulton Consolidated Mining Co. Gold and silver.
G.S.—Paragon Mining Co. Gold and silver.
G.S.—St. Louis & Magnolia Mg. Co. Jessie L. Henry, pres.; M. C. Larkin, gen. mgr. St. Louis and Magnolia mines. Gold and silver. Refractory ore. M. C. Larkin, mine supt. (Idle.)

BASIN, Jefferson Co. Pop. 104. M.O. Tel. Ry. 346; 617.
G.S.—Basin & Bay State Mining Co. Gold and silver.
G.S.—Hope Mining Co. Hope mine. Shaft, 275 ft. Gold and silver. 60 employes. Steam.
G.S.—Kane, Potting & Judge. Gold and silver.
G.S.—Katie Mining Co. Katie mine. Two shafts, 240 and 300 ft. Gold and silver. 35 employes. Steam.
G.S.—Jno. C. Rand & Co. Gold and silver.
G.S.—Smith & Moore. Gold and silver.
G.S.—Weser Mining Co. Gold and silver.

BELT, Cascade Co. Pop. 112. M.O. Tel. Ry. 346. Banking town Great Falls.
B.Coal—Castner Coal & Coke Co. Belt Nos. 1 and 4 mines. Shafts and levels. Semi-bituminous coal. 700 tons daily capacity. 190 employes. Steam.
B.Coal—E. R. Clingan.
B.Coal—Frank Lewis. Lewis mine. Semi-bituminous coal. Sixty-five tons daily capacity. 18 employes.
B.Coal—H. M. Millard.
B.Coal—P. J. Shields.

BIGTIMBER, Sweet Grass Co. Pop. 265. M.O. Tel. Ry. 617.
G.S.—Hicks Park Mining Co. Gold and silver.
G.S.—Poormans Mining Co. Gold and silver.

BILLINGS, Yellowstone Co. Pop. 1,500. M.O. Tel. Ry. 99; 617.
Stone—Billings Sandstone Co.
G.S.—Cleopatra Mining Co. Gold and silver.
Iron—Compromise Mining Co.
G.S.—Crown Mining Co. Gold and silver.

BLOSSBURG, Deerlodge Co. M.O. Tel. Ry. 617. Banking town Helena.
B.Coal—Mullan Pass Coal Co.

BONITA, Missoula Co. Pop. 37. P.O. Clinton. Tel. Ry. 617. Banking town Missoula.
G.S.—W. A. Cook. Gold and silver.

BONNER, Missoula Co. Pop. 62. M.O. Tel. Ry. 617 Banking town Missoula.
G.S.—Idaho Developing & Mining Co. Gold and silver.

BOULDER VALLEY, Jefferson Co. Pop. 922. M.O. Tel. Ry. 346; 617.
G.S.—W. Diller. Gold and silver.
S.L.—Rocky Mountain Mining Co. Jesse Patterson, pres.; Lee Taylor, v. pres.; F. Bernatz, secy.; W. P. Hoopes, treas. Cap. stk. $300,000, pd. up. Hoosier Boy mine. Shaft, 80 ft. Silver and lead. Refractory ore. Steam.

BOZEMAN, Gallatin Co. Pop. 2,143. M.O. Tel. Ry. 617.
G.S.—Bozeman Gold & Silver Mining Co.
G.S.—Chisholm Mining & Milling Co. Gold and silver.
Asbs.—Gallatin Asbestos Mining Co.
Gold—International Placer Co. O. P. Chisholm, pres., treas. and buyer; R. B. Chisholm, secy.; Sam Schwab, gen. mgr. Cap. stk. $20,000, pd. up. Twenty-one placer claims at Fort Steele, B. C.
B.Coal—Johnson & McCarthy.
B.Coal—Don Maxey.
G.S.—Montana Mineral Land & Investment Co. Gold and silver.
G.S.—Potsdam Stone Co. Gold and silver.
Gold—Revenue Consolidated Gold Mining Co.
Gold—16 to 1 Mining & Milling Co.

BOZEMAN—Continued.
B.Coal—W. F. Sloan.
C.E.Sur.—C. M. Thorpe. Civil engineer and surveyor. Office, City Hall. County surveyor, city engineer and U. S. deputy mineral surveyor.

BUTTE, Silverbow Co. Pop. 18,000. M.O. Tel. Ry. 104; 346; 552; 617; 899.
Cop.—Acquisition Mining Co.
G.S.—American Developing & Mining Co. Gold and silver.
Cop.S.—Anaconda Mining Co. of Butte. Marcus Daly, gen. mgr. Anaconda Mine. Shaft, 1,250 ft. 400 employes.
Green Mountain mine. Shaft, 1,000 ft. 300 employes.
High Ore mine. Shaft, 1,200 ft. 320 employes.
Mountain Con. mine. Shaft, 900 ft. 375 employes.
St. Lawrence mine. Shaft, 1,150 ft. 285 employes.
Modoc mine. Shaft, 950 ft. 30 employes.
Yellow Jacket mine. 200 ft. 18 employes.
Copper and silver. Steam.
Silv.—Atlantic & Pacific Mining Co. Silver.
Silv.—Big Hole Improvement Co. Silver.
Lime—Big Hole Lime & Flux Co. Limestone and lime.
Gold—Bitter Root Canal & Mining Co., 16 N. Main.
G.S.—Blue Bird Mining Co. Gold and silver.
C.S.—Boston & Mont. Consolidated Copper & Silver Mining Co. Mountain View, Pennsylvania, West Colusa and East Colusa mines. Shafts, 1,100, 600, 600 and 600 ft. Copper and silver. 400 employes. Steam.
Cop.S.—Boston & Mont. Mining Co. Moose mine. Copper and silver. Shaft, 300 ft. Leased to other parties.
Silv.—British American Mining Co. Silver.
Silv.—Buffalo Mining Co. Silver.
S.Cop.—Butte & Boston Mining Co. Silver Bow mine. Shafts Nos. 1 and 2. Silver and copper. 235 employes. Steam.
East Grey Rock mine. Silver and copper. Shaft, 1,200 ft. 70 employes. Steam.
Smlt.—Carson Smelting Works.
Silv.—Centre Star Mining & Smelting Co. Silver.
S.Cop.—W. A. Clark. Colusa Parrot and Steward mines. Shafts, 800 and 330 ft. Silver and copper. 125 employes. Steam.
S.Copper—Clark & Murray. Silver and copper.
S.L.—Coeur d' Alene Silver Lead Mining Co.
Cop.S.—Colorado Mining & Smelting Co. Gagnon mine. Shaft, 1,100 ft. Copper and silver. 70 employes. Steam.
Silv.—Colusa Parrot Mining Co. Silver.
Mill.—Dexter Mill Co.
S.Cop.—W. H. Edwards & Co. Poulin mine. Silver and copper. Shaft, 400 ft. 20 employes. Steam.
S.Cop.—L. Frudenstine, 403 W. Mercury st. Silver and copper.
Silv.—Glengarry Mining & Milling Co. Silver.
G.S.—Golden Gate Mining Co. Gold and silver.
Gold—Granite Mountain Gold Mining Co.
S.Cop.—Hale, Boast & Brockway, 502 S. Silver and copper.
S.L.Z.—Harrington Mining Co. Silver, lead and zinc.
Gold—Harris & Lloyds Tunnel Mining Co.
Smlt.—Heinze Smelting Co.
Cop.S.—Heinze & Finlen. Buffalo West mine (Anaconda Co., owners). Shaft, 500 ft. Copper and silver. 40 employes. Steam.
Lime—Jefferson Lime & Flux Co., 32 W. Granite st. Limestone and Lime.
S.Cop.—Jno. A. Leggett., P.O. Box 115. Gambetta mine. Silver and copper. Shaft, 550 ft. 20 employes. Steam.
C.S.—J. Benton Leggat, 38 E. Granite st. Old Glory mine. Shaft, 500 ft. Copper and silver. 300 days; 20 employes. Steam. Silver mine at Deweys.
S.Cop.—Leo Mining & Milling Co. of Montana, 410 Commercial bldg., St. Louis, Mo. Leo mine. Shaft, 135 ft. Tunnel, 1,300 ft. Silver and copper. Refractory ore. Steam.
Silv.—Lexington Mining Co. Silver.
Sill.—Lost Creek Fire Brick & Silica Co., 311 Utah ave.
Silv.—Wm. McDermott. Silver.
M.E.—Bernard MacDonald. Mining Engineer. Plans the development and equipment of mines with mining and milling machinery.
G.S.—Merced Gold Mining Co. Gold and silver.
Silv.—Merrill Gold Mining Co. Silver.
G.S.—Moulton Mining Co. Moulton mine. Shaft, 860 ft. Gold and silver. 40-stamp mill. Steam.
Silv.—New State Mining Co. Silver.
Silv.—Non Consolidated Traction Mining Co. Silver.
S.C.—Original Mining Co. Silver and copper.
Cop.S.—Parrot Silver & Copper Co. Moscow and Parrot mines. Copper and silver. Shafts, 250 and 900 ft. 130 employes. Steam.
Gold—Poorman Extension Mining Co.
L.S.—James Reardon. Lead and silver.
Gold—Royal Gold Mining Co.
Gold—Royal Milling Co., 304 E. Park.
Gold—South Cross Gold Mining Co.
G.S.—Tripp & Co. Gold and silver.
G.S.—Twin City & Butte Mining Co. Goldsmith mine. Silver and gold. Shaft, 400 ft. 75 employes. Steam.

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BUTTE—Continued.
G.S.—Utah Mountain Mining Co. Gold and silver.
Silv.—Volunteer Mining Co. Silver.
C.S.—Washoe Copper Co., Tuttle Bldg. D. M. Newbro, pres.; John Gillie, v. pres.; Chas. F. Booth, secy., treas., gen. mgr. and buyer. Cap. stk. $5,000,000. Washoe-Gold Hill-Oden mine. Shafts. Copper and silver. Smelting and concentrating ore. 100 employes. Jas. Higgins, mine supt. (Developing.)
M.E.—W. W. Wishon. Mining Engineer. Graduate Missouri School of Mines and Metallurgy. Class of 1881. Member American Institute of Mining Engineers. Properties examined and reported on.

CABLE, Deerlodge Co. Pop. 82. Banking town and Ry. Anaconda, 104; 552.
G.S.—Cable & Co. Gold and silver.

CALOMO, Deerlodge Co. Pop. 50. Ry. Bonner, 617.
G.S.—Nellie Chamberlain, Sunset. Clamantha mine. Gold and silver. Shaft, 280 ft. Free ore.

CANYON CREEK, Lewis & Clark Co. Pop. 18. Ry. Silver, 346.
G.S.—Anaconda Co. Gold and silver.

CANYON FERRY, Meagher Co. Pop. 39. Banking town and Ry. Helena, 346; 617.
G.S.—Basye Wesley. Gold and silver.
G.S.—Joel Frakes. Gold and silver.
G.S.—Van Camp Mining Co. Gold and silver.

CARTER, Missoula Co. Pop. 200. P.O. Superior. Banking town and Ry. Missoula, 617.
G.C.—J. W. Hamilton, L. C. Mosier and L. J. Warner, owners Bullion and Hope mines. Gold and copper. Refractory ore. 20,000 tons; 200 days; 10 employes. J. W. Hamilton, mine supt.

CASCADE, Cascade Co. Pop. 187. M.O. Tel. Ry. 346.
B.Coal—Wm. Flanigand. (Local.)

CASTLE, Meagher Co. Pop. 250. Pop. 383. M.O. Tel. Ry. Townsend, 617. Banking town White Sulphur Springs.
G.S.L.—Babcock & Miles Hardware Co. A. L. Babcock, pres.; A. W. Miles, secy.; P. H. Tooley, treas., gen. mgr. and buyer. Cap. stk. $25,000, $15,000 pd. up. Silver Eagle mine. Shafts, 100 and 50 ft. Smelting ore. 60 days; 2 employes. P. H. Tooley, mine supt. Gold, silver and lead.
G.S.—N. E. Benson & Co. Gold and silver.
Lime—Geo. Berry. Limestone and lime.
B.Coal—Black Diamond Coal & Coke Co.
G.S.—California & Hendricks Mining Co. Gold and silver.
B.Coal—Castle Coal & Coke Co.
S.L.—Cumberland Mining & Smelting Co. Silver and lead.
S.C.L.—Hensley Bros. Silver, copper and lead.
Iron—Merrimac Mining Co. Merrimac mine. Manganese.
G.S.—Elmer E. Phillips. Gold, silver and copper.
G.S.—Joe Reed. Gold and silver.
S.L.—Yellowstone Mining Co. Yellowstone mine. Silver and lead.

CENTERVILLE, Beaverhead Co. P.O. Bannack City. Ry. Dillon, 899.
G.S.—Montana Mining & Leasing Co. Gold and silver.

CHICO, Park Co. Pop. 43. Ry. Fridley, 617.
G.S.—W. F. Gray. Gold and silver.
G.S.L.—Krippner, Hoopes & Stands. Gold, silver and lead.

CHOTEAU, Teton Co. Pop. 236. M.O. Tel. Ry. Great Falls, 345; 346.
B.Coal—Chas. La Page. (Local.)

CLANCEY, Jefferson Co. Pop. 36. Ry. 346; 617. Banking town Helena.
S.L.—E. Redding. King Solomon mine. Silver and lead. (Idle.)
S.Cop.—Geo. Strobel. Blue Rock mine. Silver and copper.

CLINTON, Missoula Co. Tel. Ry. 617.
Silv.—J. J. Barrett. Silver.
Silv.—V. D. Clark. Silver. (Idle.)
Silv.—James House. Silver.
Silv.—Simon Shanessy. Silver.

COKEDALE, Park Co. Pop. 284. M.O. Tel. Ry. 617. Banking town Livingston.
B.Coal—Livingston Coke and Coal Co. (See Helena & Livingston Coke & Coal Co.), Helena. Slope and tunnels. 250 tons per day. 120 employes. Steam. Washer and crusher. 100 coke ovens.
B.Coal—W. H. Williams. (Local.)

CORVALLIS, Ravalli Co. Pop. 194. M.O. Tel. Ry. 617. Banking town Missoula.
Cop.—G. W. Daugherty. Copper.

CREVASSE, Park Co. Ry. Cinnabar, 617.
G.S.—A. Carter. Gold and silver.

DEARBORN, Lewis & Clarke Co. Pop. 22. Ry. Craig, 346. Banking town Marysville.
D. C. Beach.

DEERFIELD, Fergus Co. Ry. Armington, 346.
G.S.—Baylie, Riser & Arnold. Gold and silver.

DEER LODGE, Deerlodge Co. Pop. 1,463. M.O. Tel. Ry. 552.
Gold—Butte & Deer Lodge Placer Mining Co.
G.S.—Champion Mining Co. Gold and silver.
C.E.Sur.—H. B. Davis. Civil Engineer. U. S. Deputy Mineral Surveyor. Graduate University of Missouri, 1879.
G.S.—Emery Mining Co. Gold and silver.
G.S.—Lake View Mining Co. N. J. Bellingberg, pres.; Lew. Coleman, secy. and treas.; John Scherr, buyer. Cap. stk. $100,000, $20,000 pd. up. Lake View Gold Bug mine. Shafts and tunnels. Gold and silver. Free ore. (Developing.)
M.E.—Henry M. Lane. Mining and mechanical engineer. Care College of Montana.
G.S.—Lion Mining Co. Gold and silver.
Stone—John Mathison. Limestone.
G.S.—Rock Creek Ditch & Mining Co. Gold and silver.
Gold—Royal Gold & Silver Mining Co. W. Bennett, gen. mgr. Mine at Royal.
Gold—Volcano Gold Mining Co. Conrad Kohrs, pres.; Willard Bennett, v. pres.; Lew Coleman, secy. and treas. Cap. stk. $1,500,000, pd. up. Mine at Flint.

DEWEYS, Beaverhead Co. Pop. 300. M.O. Ry. Divide, 899. Banking town Melrose.
Silv.—J. Benton Leggat, 38 E. Granite, Butte. Argyle mine. Silver. Shaft, 300 ft. Free ore. 300 days; 20 employes. Steam. E. Nelson, mine supt.

DIAMOND CITY, Meagher Co. Pop. 85. Pop. 51. Ry. Townsend, 617. Banking town White Sulphur Springs.
Gold—John M. Norris. Norris Group. Tunnels and shafts. Free and refractory ores. Development work.

DILLON, Beaverhead Co. Pop. 1,015. M.O. Tel. Ry. 899.
Silv.—L. A. Brown. New Departure mine. Silver. Tunnel, 800 ft. 15 employes.
Gold—Lake View Consolidated Gold & Silver Mining Co., care of First National Bank. Gen. R. A. Alger, Detroit, Mich., pres.; John M. Thurston, Omaha, Neb., v. pres.; Paul Van Dervoort, Omaha, Neb., secy.; G. Nelson, Argenta, Mont., treas. Cap. stk. $500,000, pd. up. Mine at Argenta.
G.S.—Montana Mining Co. Gold and silver.
G.S.—Tombstone Mining Co. Gold and silver.

DIVIDE, Silverbow Co. Pop. 97. M.O. Ryl 899. Banking town Butte.
G.S.—Black Range Mining Co. Gold and silver.
G.S.—F. Copp. Gold and silver.

DRUMMOND, Granite Co. Pop. 213. Tel. Ry. 617. Banking town Phillipsburg.
B.Coal—Albertson & Co.
B.Coal—J. A. & J. B. Featherman.
B.Coal—J. Waldbleig & Co. (Local.)

DUNCAN, Gallatin Co. Ry. Belgrade, 617.
G.S.—Alfred Johnson. Gold and silver.
G.S.—M. E. Strickler. Gold and silver.

EAST HELENA, Lewis and Clarke Co. Pop. 380. M.O.
Smltr.—United Smelting & Refining Co., 80 Broadway, New York. Smelters of gold, silver, copper and lead. Base bullion. Five furnaces. 300 days; 250 employes. A. L. Dean, supt.

EDDY, Missoula Co. P.O. Thompson. Tel. Ry. 617.
Gold—Black Bell & Quantrill Mining Co.

ELKHORN, Jefferson Co. Pop. 430. M.O. Tel. Ry. 617. Banking town Boulder.
Copp.—Blue Line Mining Co. Copper.
G.S.L.—Dunstone Mining Co., Helena. Dunstone mine. Gold, silver and lead. Shaft, 150 ft. Refractory ore. Steam.
S.L.—Elkhorn Mining Co., Ltd., London, Eng. Cap. stk. $1,000,000. Elkhorn mine. Incline shaft, 1,975 ft. Silver and lead. 100 employes. Steam.
G.S.—Elkhorn Queen Mg. Co., Helena, Mont. Elkhorn Queen mine. Gold and silver. Smelting ore. 1,000 tons. R. T. Wollston, mine supt.
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ELKHORN—Continued.
G.S.—Benj. Foster & Co. Gold and silver.
G.S.L.—Tacoma Mining Co. Gold, silver and lead.
As.Met.—R. T. Wollston. Assayer, Chemist and Metallurgist. Specialty—Lead-Silver smelting.

ELLISTON, Deerlodge Co. Pop. 114. M.O. Tel. Ry. 617. Banking town Helena.
G.S.—William O'Keefe. Gold and silver.
G.S.—Ontario Mining Co. of Montana, Helena. Shaft, 500 ft. Tunnel, 800 ft. Gold and silver. Refractory ore. 300 days; 60 employes. Steam. Concentrator, 200 tons daily capacity. Wm. Jobb, mine supt.

EMPIRE, Lewis & Clark Co. Pop. 70. P.O., Banking town and Ry. Marysville, 617.
Gold—Golden Leaf Mining Co.

FLINT, Deer Lodge Co. Ry. 617.
Gold—Volcano Gold Mining Co., Deer Lodge. (Developing.)

FOREST, Missoula Co. Pop. 23. Ry. Iron Mountain, 617.
Gold—California Mining Co.

GALEN, Meagher Co. Ry. Barker, 346. Banking town White Sulphur Springs.
G.S.—Neis Jensen. Gold and silver.
G.S.—W. H. Lackie. Gold and silver.
G.S.L.—More & Graham. Gold, silver and lead.
G.S.—J. B. Williams. Gold and silver.

GARDINER, Park Co. Pop. 132. Ry. Cinnabar, 617. Banking town Livingston.
G.S.—Jno. T. Knowles. Gold and silver.
Gold—McAuley Gold Mining & Milling Co.
Gold—Park View Mining Co.

GLASGOW, Valley Co. Pop. 458. M.O. Tel. Ry. 346.
C.Hy.E.—A. W. Mahon. Civil and Hydraulic Engineer. County Surveyor and U. S. Deputy Mineral Surveyor.

GLENDALE, Beaverhead Co. Pop. 371. Ry. Melrose, 899.
Smlt.—Glendale Smelter.
G.S.—Melrose, Pond & Wells. Gold and silver.
Gold—Ramshorn Gold Mining Co. Geo. B. Conway, pres. and gen. mgr.; Henry Jameson, v. pres.; Philip F. Igoe, secy.; Chas. A. Harvey, treas. Cap. stk. $100,000. Mine at Sheridan.
G.S.—Terry Bros. Gold and silver.

GLENDIVE, Dawson Co. Pop. 720. M.O. Tel. Ry. 617.
B.Coal—N. Newcomer. (Local.)

GOULD, Lewis & Clark Co. Ry. Silver, 346.
Gold—Fremont Gold Mining & Milling Co.

GRANITE, Granite Co. Pop. 1,310. M.O. Tel. Ry. Phillipsburg, 617.
G.S.—Combination Mining Co. Gold and silver.
G.S.—Granite Mountain Mining Co., St. Louis, Mo. Shaft, 1,700 ft. Tunnel. Gold and silver. Refractory ore. 55,000 tons; 300 days; 650 employes. Steam.
G.S.—Hudson & Blair. Gold and silver.

GREATFALLS, Cascade Co. Pop. 6,800. M.O. Tel. Ry. 345; 346.
G.S.—Bear Park Mining Co. Gold and silver.
B.Coal—Belt Creek Coal Co.
Copp.—Boston & Mont. Mining & Milling Co. Copper.
G.S.—Edw. J. Canary, 6th and 2nd sts. Gold and silver.
G.S.—H. H. Chandler. Gold and silver.
G.S.—Cornucopia Mining Co. Gold and silver.
B.Coal—Samuel Dean.
B.Coal—Gault Coal Co.
G.S.—Gibson Paris. Gold and silver properties.
Stone—Great Falls Quarry Co. Sandstone.
G.S.—H. G. Klenze. Gold and silver.
Gold—Ophir Mining & Milling Co.
G.S.—Printers Mining Co. Gold and silver.
G.S.L.—Queen Esther Mining Co. Gold, silver, lead and iron.
G.S.—Savage Mining Co., 19 Commercial bldg. Gold and silver.
G.S.—Snow Creek Mining & Townsite Co. Gold and silver.
Smlt.—United Smelting & Refining Co., 80 Broadway, New York. Smelters of gold, silver, copper and lead. Base bullion. F. M. Smith, supt.
Gold—Whippoorwill Consolidated Mining Co.
G.S.—Wolf Butte Consolidated Mining Co. Gold and silver.

HAVRE, Choteau Co. M.O. Tel. Ry. 346. Banking town Fort Benton.
B.Coal—Black Diamond Coal Co.

HAVRE—Continued.
Coal—Chas. Crawford. Crawford mine. Semi-bituminous coal. Slope, 160 ft. 2 employes. Horse whim.
B.Coal—Gus. Decelus. (Local.)
B.Coal—B. J. McIntire. (Local.)
B.Coal—Mrs. J. Miller. (Local.)

HELENA, Lewis & Clark Co. Pop. 14,000. M.O. Tel. Ry. 346; 617.
Stone—Adams Bros.
G.S.—American Eagle Mining Co. Gold and silver.
G.S.—American Mining Co. Gold and silver.
G.S.—Bald Butte Mining Co. Gold and silver.
G.S.—Bannister Mining Co. Gold and silver.
G.S.—Basin Mining & Construction Co. Gold and silver.
Gold—Bear Gulch Mining Co.
G.S.—Beattie, Harris & Toole. Gold and silver.
G.S.—Big Ox Mining Co. Gold and silver.
G.S.—Blaine Mining Co. Gold and silver.
Gran.—Blue Cloud Granite Co. Granite.
G.S.—Boulder Comstock Mining Co. Gold and silver.
Smlt.—Boulder Smelting Co.
G.S.—Buckeye Gold & Silver Mining Co.
G.S.—Canadian North-West Mining Co. Gold and silver.
G.S.—Castle Mining Co. Gold and silver.
G.S.—Cataract Mining Co. Gold and silver.
G.S.—Christmas Gift Mining & Milling Co. Gold and silver.
G.S.—Copper Belt Mining Co. Gold and silver.
G.S.—Crevasse Mountain Mining Co.
G.S.—Croesus Mining Co., 125 Broadway. Fred E. Tibbetts, pres.; John W. Eddy, secy. and treas. Cap. stk. $500,000, $100,000 pd. up. Albert Lode mine. Gold and silver.
Gold—Crosscut Gold Mining Co., Montana National Bank bldg. Jonathan Dorr, pres.; H. M. Stonemetz, secy. and treas.; John S. Sherburne, gen. mgr. Cap. stk. $500,000, pd. up. Mine at St. Louis.
G.S.—Lewis Davis. Gold and silver.
G.S.—Dividend Mining Co., 125 Broadway. R. Lockey, pres.; J. B. Sanford, v. pres.; J. W. Eddy, secy. and treas. Cap. stk. $500,000. Gold and silver. Mine at Rimini.
Gold—Drum Lummon Mining Co.
G.S.L.—Dunstone Mining Co. Chas. A. Clarke, pres.; A. G. Clarke, Sr., v. pres. and treas.; J. W. Eddy, secy. Cap. stk. $200,000, pd. up. Gold, silver and lead. Mine at Elkhorn.
G.S.—Wm. Dyer. Gold and silver.
G.S.—Elkhorn Queen Mining Co. Chas. A. Clarke, pres.; R. T. Wollston, gen. mgr. and buyer. Cap. stk. $1,000,000. Gold and silver. Mine at Elkhorn.
G.S.—Evans & Howe, 822 9th ave. Gold and silver.
G.S.—General Grant Mining Co. Gold and silver.
Gold—Gold Dredging Co.
G.S.—Golden Crown Mining Co. Gold and silver.
Gold—Good Luck Mining Co.
G.S.—Goodyear Mining Co. Gold and silver.
G.S.—J. S. Harris. Gold and silver.
Stone—Wm. Harrison.
G.S.—Harrison & Co. Gold and silver.
Smlt.—Helena Mining & Reduction Co.
Gold—Helena & Dillon Gold Mining Co.
Gold—Helena & Livingston Reduction Co.
G.S.—Helena & Victor Mining Co. Gold and silver.
C.M.E.—Chas. W. Helmick. Civil and mining engineer. Mines examined and reported upon.
G.S.—A. M. Holter & Bro. Gold and silver.
C.M.E.—Hovey & Bickel (Albert S. Hovey and Paul S. A. Bickel). Civil and mining engineers.
G.S.—Interstate Mining Co. H. H. Davis, pres.; C. E. Dudley, v. pres.; F. N. Shaw, secy.; E. N. Brandegee, treas.; Wm. Muth, gen. mgr. Cap. stk. $500,000, $7,000 pd. up. Gold and silver. Mine at Marysville.
G.S.—Iron Mountain Co. Gold and silver.
G.S.—Jay Gould Mining Co. Gold and silver.
Copp.—Jumbo Copper Mining Co., 24 Edwards.
G.S.—Benjamin Kimber. Gold and silver.
B.Coal—Livingston Coal & Coke Co.
Gold—H. C. McKaskle.
G.S.—Mac. Mining & Milling Co. Gold and silver.
Smlt.—Manuel Moses. Smelter.
Gold—Mary Stuart Mining & Developing Co. Massena Bullard, pres.; W. F. Cummins, secy.; Mrs. M. S. Cummins, treas. Cap. stk. $1,000,000. Free gold. (Idle.)
Gold—Marysville Mining Co. Cap. stk. $200,000; issued in payment for mines, $120,000; $80,000 treasury stk. Mine at Marysville.
G.S.L.—Merrill-Miller Mining Co. Thos. G. Merrill, pres.; Jay D. Miller, Chicago, v. pres.; Wm. F. Whitaker, secy.; Jno. S. Miller, treas. Cap. stk. $500,000. Gold, silver and lead. Mine at Lump.
G.S.L.—Meteor Mining Co. Gold, silver and lead.
Gold—Mikado Mining Co.
G.S.—Montana Bismarck Mining & Milling Co. Gold and silver.
Gold—Montana Gold & Gem Exploration Co.
G.S.—Montana Hydraulic Mining Co. Gold and silver.
G.S.—Neihart Co. Gold and silver.
G.S.—None Such Mining Co. Gold and silver.
Expt.Met.—John N. O'Brien. Mining expert and metallurgist. Properties examined and reported on. Management of mines.
G.S.—Ontario Mining Co. of Montana. Cornelius Hedges, pres.; O. A. Southmayd, secy., treas. and buyer. Cap. stk. $300,000, pd. up. Gold and silver. Mine at Elliston.
Gold—Overland Consolidated Gold Mining Co. A. M. Holter, pres.; A. M. Esler, v. pres. and gen. mgr.; John W. Eddy, secy. and treas. Cap. stk. $200,000, pd. up. Overland, Arthur and Gold Bug mines. Shaft, 200 ft. Refractory ore. 900 tons. Horse. 10-stamp mill, 10 tons daily capacity. A. M. Esler, mine supt
Surv.—J. M. Page, U. S. deputy mineral surveyor for Montana and Idaho.
G.S.—Peerless Jennie Mining Co., 2 Merchants' National Bank bldg. Gold and silver.
G.S.—Pioneer Mining Co. Gold and silver.
G.S.—P. Plock Mining Co. Gold and silver.
G.S.L.—Queen City Mining & Development Co. Gold, silver, lead and iron.
Gold—Queen of the West Mining & Milling Co., 610 W. Hillsdale.
S.L.—Red Mountain Consolidated Mining Co. Martin Maginnis, pres.; Thos. E. Marlow, v. pres. Cap. stk. $500,000, pd. up. Silver and lead.
G.S.—St. Helena Consolidated Gold & Silver Mining Co., 110 Grand. John N. O'Brien, pres. and gen. mgr.; E. W. Knight, v. pres.; E. G. Worden, secy.; T. H. Kleinschmidt, treas. Shafts. Free ore. (Developing.)
Attys.—Sanders & Sanders, Attorneys at Law. Sanders' edition of Montana Codes and Statutes, by Hon. Wilbur F. Sanders, containing new laws recently enacted. Compilers of the Laws of Montana for the RECORD.
G.Gem—Sapphire & Ruby Co. of Montana, Ltd., London, Eng. Placer. Gold and gems.
Gold—Sophia Lode Mining Co.
G.S.—Standard Mining Co. Gold and silver.
Assy.—Percy Train. Assayer, chemist and mineralogist. P.O. Box 142.
Smlt.—United States Public Sampling Co. Smelter.
G.S.—Wall Street Mining Co. Gold and silver.
Geol.—Walter Harvey Weed, E. M. U. S. Geological Survey, Washington, D. C. Geologist in charge Montana Division, U. S. Geological Survey.
G.S.—West Cumberland Co. Gold and silver.

HELMVILLE, Deerlodge Co. Pop. 39. M.O. Ry. Drummond, 617.
Ref.—American Silver, Copper & Refining Co.
Gold—Geo. W. Best. Best Bar placer mine. Christine quartz mine. Incline shaft, 85 ft. Free ore. 5-stamp mill, 5 tons daily capacity. (Idle.)
Gold—Best Bros. No. 2 Bar placer mine.
G.S.—Delameter & Odonegon. Gold and silver.

HERON, Missoula Co. Tel. Ry. 617. Banking town Missoula.
G.S.—Jules Norbee. Gold and silver.

HORR, Park Co. Ry. 617.
B.Coal—Park Coal & Coke Co. Tunnel and slope. Washer. Steam. 40 coke ovens.
B.Coal—Montana Coal & Coke Co.
C.E.—H. V. Wheeler, Civil Engineer. U. S. Deputy Mineral Surveyor, 727 Breckenridge.
G.S.—Windsor Mining Co. Gold and silver.
G.S.—Woodruff Mining Co. Timothy Wilcox, pres.; Robt. M. Bunnell, v. pres.; John W. Eddy, secy.; John W. Luke, treas. Cap. stk. $500,000, pd. up. Gold and silver. Mine at Rimini. (Developing.)

INDEPENDENCE, Sweetgrass Co. P.O. Contact. Banking town and Ry. Bigtimber, 617.
G.S.—Independence Mining Co. Gold and silver.

IRON MOUNTAIN, Missoula Co. Tel. Ry. 617. Banking town Missoula.
Gold—Oregon Gulch Placer Co., 27 University bldg., Milwaukee, Wis. Placer. 10 employes.

KALISPELL, Flathead Co. Pop. 2,000. M.O. Tel. Ry. 346.
Gold—Credeman Placer Mining Co.
Gold—Kalispell Placer Mining Co.
S.Cop.—South Fork Mining Co. Silver and copper.

LEWISTOWN, Fergus Co. Pop. 785. M.O. Ry. Fort Benton, 346.
B.Coal—Conway & Shanles.
G.S.—Harman & Norman. Gold and silver.
G.S.L.—G. W. Hunter. Gold, silver and lead.
G.S.—North Moccasin Mining Co. Gold and silver.

LIBBY, Flathead Co. Pop. 260. Ry. 346. Banking town Kalispell.
G.S.—Chicago & Montana Mining Co. Gold and silver.
G.S.L.—Snow Shoe Mining Co. Gold, silver and lead.

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LIMA, Beaverhead Co. Pop. 358. M.O. Tel. Ry. 899.
B.Coal—Cameron & Ripley. (Local.)
B.Coal—Jacobs & Co. (Local.)
S.St.—Red Rock Sandstone Quarry & Mining Co. Silver and sandstone.
B.Coal—Robinson & Truax. (Local.)

LIVINGSTON, Park Co. Pop. 2,850. M.O. Tel. Ry. 617.
B.Coal—Bowers & Robbins. (Local.)
B.Coal—Henry Byam. (Local.)
G.S.—Lemox Mining Co. Gold and silver.
Stone—O. W. Mattson. Limestone.
Silv.—Mill Creek & Emigrant Mining & Smelting Co. Silver.
Gold—Six Mile Placer Co.
C.M.E.—Charles Tappan. Civil and Mining Engineer. U. S. Deputy Mineral Surveyor. Graduate Kenyon College, 1874. Member Montana Society of Civil Engineers.

LOGGING CREEK, Cascade Co. Ry. 346.
Stone—Wm. H. Albright. Fluxing limestone. 200,000 tons; 315 days; 20 employes. Steam. Stone crusher.

LOLO, Missoula Co. Ry. 617.
G.S.L.C.—Lolo Chickamin Mining Co. Gold, silver, lead and copper.

LUMP, Jefferson Co. Ry. Clancey, 346; 617.
G.S.—Little Nell Mining Co. Gold and silver.
G.S.L.—Merrill-Miller Mining Co., Helena. Liverpool and Washington mines. Shaft, 400 ft. Gold, silver, lead. Smelting ore. Steam.

MAIDEN, Fergus Co. Pop. 392. M.O. Ry. Fort Benton, 346. Banking town Lewistown.
G.S.—Otto Anderson and C. E. Rhodes. American Flag mine. Smelting ore. Iron Clad mine. Shaft, 60 ft. Tunnel, 75 ft. Gold and silver. Refractory ore.
Gold—Gilt Edge Mining Co.
Gold—Newton Gowan.
Silv.—Thos. N. Kerr. Silver.
G.S.L.—T. L. Kinsley. Gold and silver.
G.S.L.—R. B. Matthews. Gold, silver, lead and iron.
G.S.C.—Wm. Maurer. Gold, silver, copper and iron.
B.Coal—P. Saunders. (Local.)

MARTINA, Missoula Co. Pop. 26. Ry. Nine Mile, 617.
G.S.—Last Chance Mining Co. Gold and silver.
Gold—Nine Mile Mining Co., cor. Front & Higgins ave., Missoula. Nine Mile mine. Four tunnels, 2,376 ft. Free ore. 14,400 tons; 60 employes. Steam. Stamp mill, 40 tons daily capacity. Tramway, 1,100 ft., from mine to mill. Ed. Collins, mine supt.
G.S.—D. M. Power. Gold and silver.

MARYSVILLE, Lewis & Clark Co. Pop. 1,849. M.O. Tel. Ry. 617.
G.S.—Gloster Mining Co. Gold and silver.
G.S.—Inter-State Mining Co., Helena. Towsley mine. Shaft and tunnel. Gold and silver. Refractory ore. W. O. Birkhead, mine supt.
Gold—Longmaid Bros., Bald Butte. Penobscot mine. Shaft, 500 ft. Free ore. 13,000 tons; 300 days; 25 employes. Steam. 10-stamp mill, 36 tons daily capacity. Frank Longmaid, M. E., mine supt.
Gold—Marysville Mining Co., Helena. Jennette, Redemption, Marie and Virginia mines. Shaft, 300 ft. Level, 350 ft. Refractory ore. 3 employes. Horse. Chas. A. Clark, mine supt.
G.S.—Montana Company, Ltd. Drumlummon mine. Shaft, 1,600 ft. Tunnel, 1,200 ft. Gold and silver. Free ore. 100 employes. Steam.

MEADOW CREEK, Madison Co. Pop. 18. Ry. Norris, 617. Banking town Virginia City.
G.S.—McAllister & Richter. Gold and silver.

MELROSE, Silverbow Co. Pop. 142. M.O. Tel. Ry. 899.
G.S.—Wm. Dickie. Gold and silver.
G.S.L.—Jno. Heleban. Gold, silver and lead.
Gold—McKeig & Morgan.
G.S.L.—H. C. Stebbins. Gold, silver and lead.
G.S.—John Tranor. Gold and silver.

MELVILLE, Sweet Grass Co. Pop. 29. M.O. Ry. Bigtimber, 617. Banking town Livingston.
Silv.—Solid Silver Mining Co. Silver.

MILES CITY, Custer Co. Pop. 956. M.O. Tel. Ry. 617.
G.S.—Richmond Mining Co. Gold and silver.

MILLEGAN, Cascade Co. Ry. Great Falls, 345; 346.
B.Coal—A. Brodock. (Local.)
B.Coal—Willard Millegan. (Local.)
B.Coal—W. J. Salisbury. (Local.)

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MISSOULA, Missoula Co. Pop. 4,965. M.O. Tel. Ry. 617.
Gold—Buckeye Mining & Milling Co.
G.S.—Cleft Mining Co., Main, cor. Higgins sts. Gold and silver.
G.S.—Eastern Consolidated Mining Co. Gold and silver.
G.S.—El Dorado Mining Co. Gold and silver.
As.C.E.—W. B. Fawcett. Assayer, Chemist and Civil Engineer.
Gold—Fish Creek Placer Mining Co.
G.S.—Gowan Mining Co. Gold and silver.
G.C.—J. W. Hamilton, L. C. Mosier and L. J. Warner. Gold and copper. Mines at Carter.
Gold—Keystone & King Mining & Milling Co.
G.S.—Landowner Consolidated Mining Co., 125 Main. R. W. Angevine, pres.; R. Somerville, v. pres.; L. J. Warner, M. E., secy., treas. and buyer; J. W. Hamilton, gen. mgr. Cap. stk. $2,000,000, pd. up. Landowner and Sunday mines. Tunnels, 1,150, 200, 150 and 75 ft. Gold and silver. Free and base ore. 15,000 tons; 120 days; 25 employes.
G.S.—Legal Tender Silver Mining Co. Gold and silver.
G.S.—Little Anaconda Mining Co. Gold and silver.
Gold—Nine Mile Mining Co., cor. Front and Higgins ave. P. Larson, pres.; W. M. Bickford, v. pres.; J. M. Keith, secy. and treas.; J. W. Woodford, M. E., gen. mgr. and buyer. Cap. stk. $500,000, pd. up. Mine at Martina.
Gold—Northern Pacific, Montana & Idaho Placer Mining Co.
Gold—Robt. Elsmere Mining Co.
G.S.—San Martini Mining Co. Gold and silver.
S.L.—Silver Bell Mining Co. A. W. Moore, pres. and gen. mgr.; Alfred Cave, v. pres.; F. E. Moore, secy. and treas. Cap. stk. $25,000, pd. up. Blackbell, Quantrell, Surprise and Fannie E. mines. Tunnel, 300 ft. Silver and lead. D. C. Lane, mine supt. (Developing.)
G.S.—Silver Galena Mining Co. Gold and silver.

NEIHART, Meagher Co. Pop. 1,280. M.O. Tel. Ry. 346.
G.S.—Barker Bros. Gold and silver.
G.S.—Broadwater Mining Co. Broadwater mine. (W. J. Clark, owner.) Tunnels, 1,600, 1,200 and 1,000 ft. 100 employes.
G.S.—Commonwealth Mining & Milling Co. Gold and silver.
S.L.—Florence Mining Co., White Sulphur Springs, Mont. Florence & M. & I. mines. Silver and lead. Two tunnels, 400 ft. Shaft, 300 ft. Refractory ore. 1,200 tons; 300 days; 20 employes. Steam. Daniel Lenney, mine supt.
S.L.—Gault Mining Co. Silver and lead.
G.S.L.—Ingersoll Mining Co. Gold, silver and lead.
G.S.—Lexington Consolidated Mining Co. Gold and silver.
G.S.—Monarch Mining Co. Gold and silver.
G.S.L.C.—Queen of the Hills Mining Co. Gold, silver, lead and copper.
G.S.—St. James Mining & Milling Co. Gold and silver.
Silv.—Silver Horn Mining Co. Silver.
Silv.—Simpson Bros. Silver.
G.S.—Summit Mining & Milling Co. Gold and silver.
G.S.—Union Mining Co. Gold and silver.

NEW CHICAGO, Granite Co. Pop. 117. M.O. Ry. 617. Banking town Phillipsburg.
B.Coal—F. D. Taylor. (Local.)
B.Coal—H. M. Thomas. (Local.)

NORRIS, Medicine Co. Tel. Ry. 617. Banking town Virginia City.
Gold—Monitor Gold Mining Co.

PARDEE, Missoula Co. Ry. Iron Mountain, 617. Banking town Missoula.
G.S.—Thos. Butler. Gold and silver.
G.S.—Iron Mountain Mining Co. Shaft, 500 ft. Tunnel, 1,100 ft. 80 employes. Steam.

PHILLIPSBURG, Granite Co. Pop. 2,000. M.O. Tel. Ry. 617.
G.S.—Bimetallic Mining Co., St. Louis, Mo. Bimetallic mine. Open pit, 1,540 ft. Gold and silver. Refractory ore. 40,000 tons; 300 days; 600 employes. 100-stamp mill, 200 tons daily capacity. Steam.
G.S.—Bland Mining & Tunnel Co. Gold and silver.
Silv.—Hope Mining Co. Hope mine. Silver. Shaft, 300 ft. Tunnel, 1,700 ft. 35 employes. Steam.
G.S.—Marie Mining Co. Gold and silver.
Gold—Midnight Mining Co.
G.S.—Oro y Plata Mining Co. Gold and silver.

PONSONBY, Beaverhead Co. P.O. Dewey. Banking town and Ry. Melrose, 899.
G.S.—Jay Hawk & Lone Pine Mining Co. Gold and silver.

PONY, Madison Co. Pop. 207. M.O. Tel. Ry. 617. Banking town Virginia City.
G.S.—T. Carnian. Gold and silver.

PONY—Continued.
Gold—W. S. Duncan. (Seven gold claims.) Paul mine. Shaft, 100 ft. Free ore. 500 tons; 100 days; 6 employes. Horse.
Silv.—Duncan & Hallohan. Silver.
Gold—Elling & Morris. Clipper mine. Three tunnels, 700 ft. each. Free ore. 10 employes. W. W. Morris, supt. Concentrating ore. 4 employes.
Gold—C. H. Hand. Atlantic and Pacific mine (Elling & Morris, owners). Tunnel, 500 ft.
Silv.—G. D. Keeney. Silver.
Silv.—Stock & Allen. Silver.
Gold—D. N. Upton, Butte. Bozeman mine (A. McKitrick, owner). Tunnel, 290 ft. Free ore. 4 employes.
G.S.C.—Frank Walters. Gold, silver and copper.

PRINCETON, Granite Co. Ry. Stone Station, 617. Banking town Phillipsburg.
G.S.—Clem & Butcher. Gold and silver.
G.S.—Deer Lodge Mining & Reduction Co. Gold and silver.
G.S.—Hennessey & Mitchell. Gold and silver.
G.S.—Pickle, Koenig & Rosenfeld. Gold and silver.
G.S.—Princeton Mining Co. Gold and silver.
G.S.—Scheers & Kadell. Gold and silver.
G.S.—Volcano Gold & Silver Mining Co. Gold and silver.

RACETRACK, Deerlodge Co. Pop. 59. Ry. 552. Banking town Deerlodge.
G.S.—Edward Magone. Gold and silver.

RADERSBURG, Jefferson Co. Pop. 340. M.O. Ry. Toston, 617. Banking town Townsend.
G.S.—P. B. Clark. Gold and silver.
G.S.—Jas. Dixon. Gold and silver.
Gold—Etta Mining Co., New Broad st., London, Eng. J. J. Thomson, pres.; T. G. Taylor, secy.; Arthur Willson, gen. mgr. Cap. stk. £7,000, £3,500 pd. up. Etta mine. Shaft. Free and refractory ore. 14 employes. (Developing.)
Iron—Etta Mining Co. Etta and Ena mines. Shaft, 150 ft. 1,000 tons; 300 days; 12 employes. Steam and water. Arthur Willson, M. E., mine supt.
G.S.—Wm. Hough. Gold and silver.
G.S.—Hyde & Perce. Gold and silver.
Gold—Jubilee Placer Co. Arthur Willson, M. E., pres.; T. O. Plunkett, secy. Cap. stk. $75,000, $65,000 pd. up. Placer mine. 200 days; 5 employes.
G.S.—Jno. A. Keating. Gold and silver.
G.S.—Benjamin Letellan. Gold and silver.
G.S.—B. Morse. Gold and silver.
G.S.L.—North Home Mining Co. Gold, silver and lead.
G.S.—Old Colony Mining Co. Gold and silver.
G.S.C.—John M. Ralls. White Wing group (4 claims). Shaft, 100 ft. Free ore. Also Glen group (5 claims). Monterey group (6 claims). Waverly group (5 claims). Gold, silver and copper. All fairly developed.
M.E.—Arthur Willson. Mining Engineer.

REDBLUFF, Madison Co. Pop. 68. Ry. Norris, 617.
Gold—Elling & Stewart. Mohegan mine. Shaft, 110 ft. Free ore. 10 employes.
Gold—Golconda Mining & Milling Co.
G.S.—J. H. Johnson. Gold and silver.
Gold—Montana Mining Co.
G.S.—Pope & Bayles. Gold and silver.
Gold—Red Bluff Mining & Milling Co.
G.S.—Word, Elling & Stewart. Gold and silver.

REDLODGE, Carbon Co. Pop. 1,100. M.O. Tel. Ry. 617.
Coal—Bear Creek Coal Co.
Gold—Dunham Mining Co.
B.Coal—Rocky Fork Coal Co. of Montana. Rocky Fork mine. Tunnel and slope. 400 tons per day; 200 employes. Steam and electricity. Wm. O'Conner, supt.

RIMINI, Lewis & Clark Co. Pop. 200. Tel. Ry. 617. Banking town Helena.
G.S.—J. H. Conley. Gold and silver.
G.S.—A. F. Davis. Gold and silver.
G.S.—Dividend Mining Co., 125 Broadway, Helena. Katy Putnam No. 1 Lode mine. Shaft, 50 ft. Tunnels, 100 and 300 ft. Gold and silver. Refractory ore. (Developing.)
G.S.L.—Estella Mining Co. Gold, silver and lead.
G.S.L.—W. H. Hartman. Gold, silver and lead.
Gold—John Heil. Comstock mine. Shaft, 75 ft. Tunnel. Free ore. 300 tons; 75 days; 8 employes. Stamp mill, 10 tons daily capacity.
Gold—Heil & Akins. Gold Leaf mine. Shaft, 100 ft. Tunnel. Free ore. 400 tons; 200 days; 15 employes. Steam. John Heil, mine supt.
G.S.—Heils Mining Co. John Heil, pres., gen. mgr. and buyer; F. M. Heil, v. pres.; Jos. Stahl, treas. Cap. $29,000. Gold Hill mine. Shaft, 400 ft. Tunnel. Gold and silver. Refractory ore. John Heil, mine supt.
G.S.—J. J. Hennessey & Co. Gold and silver.
G.S.—Ida May Mining Co. Gold and silver.
G.S.—Jackson & Gill. Gold and silver.

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ROBINSON, Meagher Co. Pop. 65. P.O. Castle. Ry. Townsend, 617. Banking town White Sulphur Springs.
G.S.—Iron Chief Mining Co. Gold and silver.
G.S.—Judge Mining Co.

ROYAL, Granite Co. Ry. Stone Station, 617.
Gold—Royal Gold & Silver Mining Co., Deer Lodge. Aetna mine. Tunnel, 1,200 ft. Free ore. 50 employes.

ST. LOUIS, Jefferson Co. P.O. Hassel. Banking town and Ry. Townsend, 617.
Silv.—Crosscut Gold Mining Co., Montana Nat. Bank bldg., Helena. Crosscut and Mildred mine. Shaft, 125 ft. Free ore. 300 days. Steam.

SANDCOULEE, Cascade Co. Pop. 600. M.O. Tel. Ry. 346.
B.Coal—Sandcoulee Coal Co., St. Paul, Minn. Sandcoulee mine. Tunnel. 350 men. 1,200 tons per day. 35 miles car track, mule cars. Compressed air.

SHERIDAN, Madison Co. Pop. 207. M.O. Ry. Dillon, 899. Banking town Virginia City.
Gold—Leiter & Co. Leiter mine. Shaft, 175 ft. Tunnel, 1,550 ft. Concentrating ore. 50 employes. Steam. Aerial tramway to concentrator, 3,000 ft.
Gold—Ramshorn Gold Mining Co., Glendale. Pedo mine. Shaft, 100 ft. Free and refractory ore. 500 tons; 300 days; 12 employes. Water. Stamp mill.
Barnard mine. Tunnel, 100 ft. Free ore. (Developing.)
Spotted Horse mine. Shaft, 60 ft. Smelting ore. (Developing.)
G.S.—Wisconsin Creek Mining Co. Gold and silver.

SILVERSTAR, Madison Co. Pop. 65. Ry. Whitehall, 617. Banking town Virginia City.
G.S.—J. E. Woods. Gold and silver.

SIXTEEN, Meagher Co. Ry. Belgrade, 617.
Copp.—L. Johnson. Copper.
Copp.—Nelson Murray. Copper.
Copp.—Geo. Robertson. Copper.
Copp.—Joe Smith. Copper.

STANFORD, Fergus Co. Ry. Armington, 346.
G.S.—D. Chowen. Gold and silver.

STEMPLE, Lewis & Clarke Co. Ry. Silver, 346. Banking town Helena.
G.S.—Alpha & Omega Mining & Milling Co. Gold and silver.
G.S.—Gehauser & Albrecht. Gold and silver.
G.S.—Grubstake Mining Co. Gold and silver.
G.S.—Hidden Treasure Mining Co. Gold and silver.
G.S.—W. F. Horne. Gold and silver.
G.S.—Johnson & Preison. Gold and silver.
Gold—Murray Bros. Mining & Milling Co.
Gold—Reed & Gullow.

STEVENSVILLE, Ravalli Co. Pop. 306. M.O. Tel. Ry. 617. Banking town Missoula.
G.S.L.—Claremont Consolidated Mining Co. Gold, silver and lead.
S.C.—L. D. Hatch. Silver and copper.

THOMPSON, Missoula Co. Pop. 339. M.O. Ry. 617. Banking town Missoula.
G.S.—Lynch & Harrison. Gold and silver.

THREEFORKS, Gallatin Co. Pop. 142. Tel. Ry. 617. Banking town Bozeman.
G.Cop.—Three Forks Mining Co. Gold and copper.

TIMBERLINE, Gallatin Co. Pop. 85. M.O. Tel. Ry. 617. Banking town Bozeman.
B.Coal—Chas. W. Hoffman. Timberline mine. Slope. 200 tons per day; 90 employes. Steam.

TOSTON, Meagher Co. Pop. 100. M.O. Tel. Ry. 617. Banking town Townsend.
Lign.—Hudson & Bowles. Six Mile Coal mine. Shaft and tunnel, 600 ft. Lignite. Horse.
Gold—Montana & Idaho Mining & Reduction Co.

TOWNSEND, Meagher Co. Pop. 520. M.O. Tel. Ry. 617.
G.S.L.—Diamond Hill Mining Co. Gold, silver and lead.

TRAPPER (P.O. Glendale), Beaverhead Co. P.O. and Ry. Melrose, 899.
Silver—Hecla Consolidated Mining Co. Atlantis, Cleopatra, True Fissure, Cleve and Arrow mines. Tunnel, 3,200 ft. Shaft, 1,425 ft. Silver lead smelting ore. 100 employes. Steam.

TROY, Flathead Co. Tel. Ry. 346. Banking town Columbia Falls.
Gold—Yakt Placer Mining & Development Co.

TWIN BRIDGES, Madison Co. Pop. 300. M.O. Ry. Dillon, 899. Banking town Virginia City.
Gold—Birge & Sherman. Yankee mine. Shaft and tunnels. Free ore. Water. Concentrator. Stamp mill. 20 tons daily capacity.
G.S.—Crumb & Prichett. Gold and silver.
Gold—King Mining Co., 146 La Salle, Chicago. King mine. Shaft, 200 ft. Tunnel, 400 ft. Refractory ore.

UTICA, Fergus Co. Pop. 84. M.O. Ry. Armington, 346. Banking town Lewiston.
G.S.—Acme Mining Co. Gold and silver.
G.S.L.—Geo. Cram. Gold, silver and lead.
G.S.—Frank Green. Gold and silver.

VICTOR, Ravalli Co. Pop. 89. M.O. Tel. Rv. 617. Banking town Missoula.
Silver—A. S. Blake. Silver.
S.L.—Curlew Mining Co. Silver and lead.
S.L.—Victor and Burnt Fork Mining Co. Silver and lead.

VIRGINIA CITY, Madison Co. Pop. 675. M.O. Tel. Ry. Dillon, 899.
G.S.—Alder Gulch Consolidated Mining Co. Gold and silver.
G.S.—Alder Mining, Milling and Smelting Co., Council Bluffs, Ia. Highland Chief claim. Gold and silver. (Idle.)
G.S.—T. J. Conner. Gold and silver.
Gold—Easton Mining & Milling Co.
G.S.—Fehring, Duncan & Co. Gold and silver.
G.S.—L. A. Fenner. Gold and silver.
G.S.—Fine & Pankey. Easton mine. Tunnel, 1,175 ft. Gold and silver. Concentrating ore. 35 employes.
Silver Bell mine. (Henry Elling, owner.) Shaft, 140 ft. Gold and silver. Concentrating ore. 6 employes. Steam.
G.S.—German Bar & Flume Co. Gold and silver.
G.S.—T. P. Gillespie. Gold and silver.
S.L.—Hall Bros. Silver and lead.
G.S.—Highland Flume Co. Gold and silver.
Assy.—Archibald McGowan. Assayer.
As.M.E.—Charles W. Mead. Assayer, Chemist and Mining Engineer. U. S. Deputy Mineral Surveyor.
G.S.—N. Parker. Gold and silver.
Gold—Prospect Mining Co.

WALKERVILLE, Silverbow Co. Pop. 1,743. M.O. Banking town and Ry. Butte, 104; 346; 617; 899.
G.S.—Alice Gold & Silver Mining Co., Salt Lake. Alice mine. Shaft, 1,500 ft. Gold and silver. 75 employes. Steam. Also operate Magna Charta, Valdimere, Rising Star, Blue Wing, Pay Master, Currie and other claims.
G.S.—Forbis & Irvine. Evaline mine. Shaft, 860 ft. Gold and silver. Steam.
G.S.—David Kirby. Gold and silver.
G.S.C.L.—Societe Anonyme de Lexington Mines. Gold, silver, copper and lead.

WASHINGTON BAR, Madison Co. Ry. Norris, 617. Banking town Virginia City.
G.S.—Baldy Mountain Mining Co. Gold and silver.
G.S.—Butler & Levy. Gold and silver.
G.S.—James & Hedge. Gold and silver.
G.S.—P. H. Jones. Gold and silver.
G.S.—Lamb & Mather. Gold and silver.
G.S.—Levy & Butler. Butler, Levy and Jumbo mines. Shaft and tunnel, 300 ft. Gold and silver. Free and refractory ores. (Developing.)
Gold—Levy & Peel. High Bluff mine. Tunnel, 30 ft. Free ore. Water. (Developing.)
Gold—Levy & Remington. Reporter mine. Shaft, 50 ft. Tunnel, 30 ft. Free ore. (Developing.)
Gold—Little Kid Gold Mining Co.
Gold—C. M. Pinckney.
Gold—Walton, Gleason & Hedge.

WASHINGTON GULCH, Deerlodge Co. Pop. 29. Ry. Avon, 617. Banking town Deerlodge.
Gold—Hackney, Bush & Dietrich.
G.S.C.L.—Kessinger, Dietrich & Hackney. Gold, silver, copper and lead.
G.S.—R. W. V. Mueller. Gold and silver.

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WHITEHALL, Jefferson Co. M.O. Tel. Ry. 617. Banking town Butte.
Gold—American Development & Mining Co. Bernard MacDonald, M. E., pres. and treas.; J. W. Astley, v. pres.; E. L. Whitmore, secy. Cap. stk. $500,000, $250,000 pd. up. Mines at Gibbonsville, Idaho.
G.C.S.—W. J. Clark & Co. Sunlight mine. Shaft, 200 ft. Tunnel, 460 ft. Gold, copper and silver. 30 employes. Steam.
G.S.—J. W. Gilkey. Gold and silver.
Copp.—A. W. Hedley. Copper.
Copp.—J. O. Jordan. Copper.
G.S.—Parrot Mining Co. Gold and silver.
Copp.—J. D. Pritchett. Copper.
Copp.—Frank Shott. Copper.
G.S.—Shott & Jordan. Gold and silver.

WHITES, Meagher Co. Pop. 23. Ry. Helena, 346; 617.
G.S.—Jno. S. Bristol. Gold and silver.
G.S.—Jas. McCabe. Gold and silver.
G.S.—Stephen Sinter. Gold and silver.

WHITE SULPHUR SPRINGS, Meagher Co. Pop. 820. M.O. Tel. Ry. Townsend, 617.
G.S.—Castle Crescent Mining Co. Gold and silver.
S.L.—Florence Mining Co. R. G. Wight, pres.; Chas. Mayn, v. pres.; A. M. Henry, secy., treas., gen. mgr. and buyer. Silver and lead. Mine at Neihart.
G.S.—Grasshopper Mining Co. Gold and silver.
G.S.—Maverick Mining Co. Gold and silver.
G.S.—Matlock Davis. Gold and silver.
G.S.—Montana Gold, Silver, Prospecting & Townsite Co. Gold and silver.
S.L.—Mountain Granite Mining Co. Silver and lead.
Copp.—Spencer, Mayn & Heitman. Copper.
G.S.—Chas. Stiller. Gold and silver.
Surv.—R. G. Wight, U. S. deputy mineral surveyor.

WICKES, Jefferson Co. Pop. 627. M.O. Tel. Ry. 346; 617. Banking town Boulder.
G.S.—Barta Bros. Gold and silver.
Iron—Dean & McArthur. Timberline mine. Iron pyrites and bismuth ore.
G.S.L.—Chas. H. Hener. Gold, silver and lead.
G.S.—Jacob Kauf. Blizzard mine. Shaft, 400 ft. Tunnel, 1,100 ft. Gold and silver. Pyrite ore. (Idle.)
G.S.—D. MacArthur. Tumberline mine. Shaft, 45 ft. Tunnel, 175 ft. Gold and silver. 400 tons; 2 employes.
G.S.—Mina Consolidated Mining & Milling Co. Gold and silver.
G.S.—Jas. Thompson. Gold and silver.
G.S.C.—Two Cripples Mining Co. Gold, silver, copper and lead.

WINSTON, Jefferson Co. M.O. Tel. Ry. 617. Banking town Helena.
Mica—Albert Blake.
Gold—Clark & Harris. (Chas. Clark and Gen. Harris.) Augo Frie mine. Shaft, 275 ft. and 3 tunnels, 2,800, 2,200 and 2,200 ft. Sulphuret ore.
G.S.—Custer Mining Syndicate, 134 Laclede Bldg., St. Louis, Mo. Custer mine. Gold and silver. Refractory ore.
Gold—E. H. Hazelton. Lily mine. Slope and tunnel.
G.S.—A. F. Ingalls. Gold and silver.
G.S.—Kendrick & Winston. Gold and silver.

WOODVILLE, Jefferson Co. Ry. 346. Banking town Butte.
G.S.—C. E. Kinman. Gold and silver.

YANTIC, Choteau Co. Ry. 346. Banking town Fort Benton.
B.Coal—David W. Huntley. (Local.)

YORK, Meagher Co. Banking town and Ry. Helena, 346; 617.
Gold—Robertson & Kincade.
Gold—R. C. Robinson.
Gold—S. A. Stevens. Last Rose of Summer mine. Tunnel, 75 ft. Free ore. 150 days.
Molliemuckackuck mine. Shaft, 75 ft. Slope, 50 ft. Free ore. 90 days; 2 employes.

NEBRASKA

BEATRICE, Gage Co. Pop. 14,000. M.O. Tel. Ry. 99; 177; 899.
Stone—Beatrice Stone Quarries.
G.S.—Consolidated Nebraska Mining Co. Gold and silver.

BEAVER CITY, Furnas Co. Pop. 763. M.O. Tel. Ry. 99.
Stone—Crutcher & Jones.
Stone—L. K. Kinsman.

BLUE SPRINGS, Gage Co. Pop. 963. M.O. Tel. Ry. 99; 899.
Stone—Wm. Harpster.
Stone—Jas. McNutt. Limestone quarry at Liberty.
Stone—M. B. Walsh. Blue Springs stone quarry. Limestone.

BROCK, Nemaha Co. Pop. 348. M.O. Tel. Ry. 541.
Stone—Isaac Smith.

CULBERTSON, Hitchcock Co. Pop. 460. M.O. Tel. Ry. 99.
Stone—Arden Harland.

DANBURY, Redwillow Co. Pop. 198. M.O. Tel. Ry. 99.
Stone—Taulber Bros.

GLENROCK, Nemaha Co. Pop. 82. Ry. 541. Banking town Auburn.
Stone—Richard & Fumilty.

HASTINGS, Adams Co. Pop. 14,000. M.O. Tel. Ry. 99; 322; 541; 760.
Stone—Thos. Farrell.

HUBBELL, Thayer Co. Pop. 330. M.O. Tel. Ry. 99.
Stone—Howard Clark.
Stone—Louis Lange.
Stone—Jno. Leffingwell.
Stone—E. L. Miskel.
Stone—Alexander Wilson.

INDIANOLA, Redwillow Co. Pop. 579. M.O. Tel. Ry. 99.
Stone—Isaac Vanderport.

JOHNSON, Nemaha Co. Pop. 234. M.O. Tel. Ry. 99.
Stone—Henry Bohrs.

LIBERTY, Gage Co. Pop. 469. M.O. Tel. Ry. 99.
Stone—Jas. McNutt, Blue Springs. Wolfe Creek quarry. Limestone.

LINCOLN, Lancaster Co. Pop. 55,154. M.O. Tel. Ry. 99; 177; 322; 541; 899.
C.E.—R. Beecher Howell. Civil and Hydraulic Engineer, Capitol Bldg.
Stone—Keys & Bullock.
Stone—Kimball Bros.
Silv.—Silver Plume Consolidated Silver Mining Co.

LOUISVILLE, Cass Co. Pop. 653. M.O. Tel. Ry. 99; 541.
Stone—S. H. Atwood.
Stone—J. H. Green.
Stone—Patterson & Co.
Stone—Hugh Rehan.
Stone—Jas. Robertson.

NEHAWKA, Cass Co. Pop. 258. M.O. Tel. Ry. 541.
Stone—Van Court & Lemist, 621 Paxton Block, Omaha. Nehawka quarry. Limestone. 60,000 yds.; 200 days; 75 employes. Steam. Stone crusher, 125 yds. daily capacity. Gus. H. Rood, quarry supt.

NORFOLK, Madison Co. Pop. 3,038. M.O. Tel. Ry. 180; 322; 899.
Atty.C.E.—Geo. A. Latimer. Attorney at Law, and Civil Engineer.
C.E.S.—W. H. Lowe. Civil Engineer and Surveyor.
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OMAHA, Douglas Co. Pop. 141,000. M.O. Tel. Ry. 99; 177; 180; 322; 541; 899.
Gran.—Wendell Benson. Granite.
Gyps.—Blue Valley Plaster Co. A. E. Winter, pres.; gen. mgr. and buyer; T. W. Smith, v. pres.; A. E. English, secy.; P. A. English, treas.; J. E. Drake, M. E. cap. stk. $30,000, pd. up. Gypsum. Mine and mill at Blue Rapids, Kas.
Stone—A. H. Cooley & Co.
Stone—Drexel Stone Co.
G.S.—El Refugio Mining & Milling Co. John A. Creighton, pres.; Ben Gallagher, v. pres.; Louis Schroeder, secy. and treas. Cap. stk. $400,000, pd. up. Mine at Ocampo, Chihuahua, Mexico. Gold and silver.
B.Coal—W. C. Goss.
C.E.—Alva J. Grover. Civil engineer. 318 S. 15th st.
Atty.—Morris, Beekman & Marple, attorneys and counsellors at law, Nebraska National Bank Bldg. Practice in all courts. Land, mining and corporation law. Compilers of the Laws of Nebraska for the RECORD.
Stone—Hugh Murphy.
Stone—Nebraska Stone Quarries.
Stone—Nebraska & California Stone Co.
B.Coal—Omaha Coal, Coke and Lime Co.
B.Coal—Union Pacific Coal Co.
Stone—Van Court & Lemist, 621 Paxton Block. E. D. Van Court, gen. mgr. Limestone quarry at Nehawka.
G.S.—Paul Van Derwort. Mine at Bannack, Mont. Gold and silver.

PALISADE, Hitchcock Co. Pop. 126. M.O. Tel. Ry. 99.
Stone—J. W. Bleeney.
Stone—M. C. Stone.

PAWNEE CITY, Pawnee Co. Pop. 1,550. M.O. Tel. Ry. 99; 177.
Stone—H. W. Shackley. Cap. $4,000. Pawnee quarry. Limestone. 8,000 yards; 130 days; 15 employes. Steam.

PONCA, Dixson Co. Pop. 1,009. M.O. Tel. Ry. 180.
B.Coal—Ponca Coal Mining Co.
B.Coal—Three Brothers Mining Co. F. J. Gath, M. E., pres.; Henry Gath, v. pres.; Chris. Gath, secy. and treas.; Chris. Gath, Jr., gen. mgr. Cap. stk. $5,000, $3,000 pd. up. Ponca mine. Shaft, 600 ft. Tunnel, 500 ft. 3,000 tons; 300 days; 50 employes. Breaker. Steam.

REPUBLICAN CITY, Harlan Co. Pop. 428. M.O. Tel. Ry. 99.
Stone—S. O. Baker.

ROCA, Lancaster Co. Pop. 191. M.O. Tel. Ry. 99. Banking town Lincoln.
Stone—Milton McKinion.
Stone—H. F. Warner.

SCOTIA, Greeley Co. Pop. 418. M.O. Tel. Ry. 899.
Stone—L. H. Mallory.

TABLEROCK, Pawnee Co. Pop. 673. M.O. Tel. Ry. 99.
Stone—N. A. Craig.

TECUMSEH, Johnson Co. Pop. 1,654. M.O. Tel. Ry. 99.
Stone—Chas. Emmons.
Stone—Samuel Snyder.

WEEPING WATER, Cass Co. Pop. 1,350. M.O. Tel. Ry. 541.
Stone—Weeping Water Lime & Stone Co. Limestone.

WYMORE, Gage Co. Pop. 2,420. M.O. Tel. Ry. 99.
Stone—Moses Allen. Limestone.
Stone—E. E. Jones. Limestone.
Stone—Livesey & Jones. Limestone.

NEVADA

AURORA, Esmeralda Co. Pop. 225. M.O. Ry. Hawthorne, 125.
G.S.—E. T. Gresey. Gold and silver.
G.S.—Jno. P. Noldy. Gold and silver.

AURUM, White Pine Co. Pop. 39. Ry. Toana, 841.
G.S.L.—Davis & Sanford. Gold, silver and lead.
G.S.—G. Paltania. Gold and silver.
G.S.—A. Tiffany. Gold and silver.

AUSTIN, Lander Co. Pop. 1,215. M.O. Tel. Ry. 576.
G.S.—Austin Mining Co. Gold and silver.
Iron—Big Creek Mining Co.
G.S.—Geo. B. Byron, 911 Chamber of Commerce, Chicago. Elizabeth mine. Gold and silver. Tunnel, 100 ft. Free and refractory ore.
Monitor mine. Gold and silver. Tunnel, 50 ft. Free and refractory ore.
G.S.—Cleveland Gold & Silver Mining Co., 911 Chamber of Commerce, Chicago. Cleveland mine. Shaft, 200 ft. Tunnel. Free and refractory ore. 500 tons; 200 days: 6 employes. Frue concentrator. 5-stamp mill, 10 tons daily capacity. Steam. O. H. Packer, mine supt.
G.S.—Dixon & Stebbins. Gold and silver.
U.S.Sur.—Dennis Scully. Civil Engineer and U. S. Deputy Mineral Surveyor.

BATTLE MOUNTAIN, Lander Co. Pop. 360. M.O. Tel. Ry. 576; 841. Banking town Winnemucca.
G.S.—Maysville Mining & Milling Co. Gold and silver.
G.S.—Morning Star Mining Co. Gold and silver.
G.S.—Nancy Mining Co. Gold and silver.
Gold—Pittsburg Consolidated Gold Mining Co., Ltd.

BELLEVILLE, Esmeralda Co. P.O. Candelaria. Tel. Ry. 125. Banking town Carson City.
G.S.—J. Daucher. Gold and silver.
G.S.—L. Lanoix. Gold and silver.
G.S.—Frank Maguire. Gold and silver.
G.S.—Maguire & Knapp. Gold and silver.
Sa.Bo.—Nevada Salt & Borax Co.
G.S.—Thos Purcell. Gold and silver.

BELMONT, Nye Co. Pop. 213. M.O. Banking town and Ry. Austin, 576.
Silv.—Aldrich Green. Silver. Slope. Free ore.
Silv.—P. Bartelle. Silver.
G.S.—Chas. Conrade. Gold and silver.
G.S.—Jno. Coon. Gold and silver.
G.S.—Wm. Cruickshank. Gold and silver.
G.S.—Cubbins & Hancock. Gold and silver.
G.S.—J. C. Curley. Gold and silver.
Iron—C. L. Deady.
M.E.As.—George Ernst. Mining Engineer and Assayer.
G.S.—Jno. Foster. Gold and silver.
G.S.—J. M. Gooding. Gold and silver.
G.S.—Jno. Gooding. Gold and silver.
G.S.—Jas. Graham. Gold and silver.
G.S.—Harrison Bros. Gold and silver.
G.S.—Jacob Holly. Gold and silver.
G.S.—Jno. Holly. Gold and silver.
Iron—Jackson & Co.
G.S.—Jas. Laity. Gold and silver.
S.Qsr.—Wm. McCann. Silver and quicksilver.
G.S.—J. McLeod. Gold and silver.
G.S.—Jno. Martin. Gold and silver.
G.S.—A. B. Millett. Gold and silver.
G.S.—J. Morasia. Gold and silver.
G.S.—Geo. Nicholl. Gold and silver.
G.S.—A. Peluca. Gold and silver.
G.S.—Frank Ponano. Gold and silver.
G.S.—Jno. Panono. Gold and silver.
G.S.—N. Reany. Silver.
G.S.—Wm. Rodgers. Gold and silver.
Silv.—Salvator Mining Co. Silver.
G.S.—Stebbins & Darraugh. Gold and silver.
Silv.—Sterling Mining Co. Silver.
G.S.—T. Tate. Gold and silver.
G.S.—T. Timlen. Gold and silver.
Silv.—Jacob Urech. Silver.
Silv.—S. Verdigo. Silver.
Silv.—Thos. Warburton. Silver.
Silv.—Jas. Wilson. Silver.

BEOWAWE, Eureka Co. Pop. 20. Tel. Ry. 841. Banking town Eureka.
G.S.—Badger Mining Co. Gold and silver.
S.L.—Benson, Engstrom & Co. Silver and lead.
S.L.—F. L. Engstrom. Silver Side mine. Silver and lead. Free ore.
G.S.L.—Ervin & Richardson. Gold, silver and lead.
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BEOWAWE—Continued.
G.S.—Keno & Last Chance Mining Co. Gold and silver.
S.L.—Silverside Mining Co. Silver and lead.

BERNICE, Churchill Co. P.O. Healy. Ry. Austin, 576.
Anti.—W. A. Van Reed. Antimony.
G.S.—Wilson W. Williams. Gold and silver.

BULLION, Elko Co. Pop. 72. Ry. Elko, 841.
S.L.C.—Chas. A. Brossemer. Silver, lead and copper.
S.L.C.—Fordham & Ogilvie. Silver, lead and copper.
S.L.—F. J. Frank. Silver and lead.
S.L.—J. Henderson. Silver and lead.
Silv.—Jno. Patch. Silver.
S.L.—J. P. Raine. Silver and lead.
S.L.—Standing Elk Co. Silver and lead.
Silv.—Geo. Williamson. Silver.

CANDELARIA, Esmeralda Co. Pop. 345. M.O. Tel. Ry. 125.
G.S.—Bismarck Mining Co., 309 Montgomery st., San Francisco. Bismarck claim. Gold and silver.
G.S.—Candelaria Mining & Water Works Co. Gold and silver.
G.S.—Fred Corkhill. Gold and silver.
G.S.—Jno. Corlett. Gold and silver.
G.S.—Frank Gallagher. Gold and silver.
G.S.—A. Garrard. Gold and silver.
G.S.—Eugene Gerrick. Gold and silver.
G.S.—Goldner & Palmenaz. Gold and silver.
G.S.—Richard Greer. Gold and silver.
Silv.—John P. Harrington.
G.S.—Geo. Heward. Gold and silver.
G.S.—Ingalls & Stewart. Gold and silver.
Silv.—Mrs. M. Kelly. Petrel mine. Tunnel, 400 ft. Silver.
Silv.—S. L. McNaughton. Silver.
Silv.—Montana Queen Mining & Milling Co. Silver.
G.S.—Chas. Nelson. Gold and silver.
G.S.—Jno. Nelson. Gold and silver.
G.S.—Princess Mining Co. Gold and silver.
Silv.—Ranch, Leidy & Bonnham. Silver.
G.S.—Oliver Roberts. Gold and silver.
G.S.—E. Sanchez. Gold and silver.
G.S.—Storch & Ashby. Gold and silver.
G.S.—W. H. Thomas. Gold and silver.
G.S.L.—Gerome Vedovetch. Gold, silver and lead.

CARSON CITY, Ormsby Co. Pop. 3,950. M.O. Tel. Ry. 125.
G.S.—A. M. Ardory. Gold and silver.
G.S.—D. A. Bender. Gold and silver.
G.S.—Bi-Metallic Consolidated Mining Co. Gold and silver.
Gold—Bi-Metallic Mining Co. G. C. Bryson, Jr., pres.; A. C. Pratt, v. pres.; J. R. Judge, secy.; L. H. Bell, treas.; A. Cohn, gen. mgr. Mine at South Camp.
G.S.—G. C. Bryson. Gold and silver.
G.S.—A. Cohn. Gold and silver.
G.S.—W. H. Corsler. Gold and silver.
G.S.—Crisler & Decker, Box 236. Gold and silver.
G.S.—H. Decker. Gold and silver.
G.S.—W. Henry Doane. Gold and silver.
G.S.—F. Folden. Gold and silver.
G.S.—S. L. Lee. Gold and silver.
G.S.—A. Livingston. Gold and silver.
G.S.—Monarch Consolidated Gold & Silver Mining Co.
Marb.—Mono Marble & Onyx Co. Marble.
G.S.—M. A. Murphy. Gold and silver.
G.S.—Nevada-California Land, Mining & Water Co. Gold and silver.
G.S.—Pine Nut Consolidated Gold and Silver Mining Co. Gold and silver.
Gold—Red Oak Mining Co.
G.S.—Otto Shulz. Gold and silver.
G.S.—Witherell & Bray. Gold and silver.
G.S.—H. M. Yerington. Gold and silver.

CENTRAL DISTRICT, Humboldt Co. P.O. and Ry. Mill City, 841.
G.S.—N. Gilbert, Mill City. Railroad mine. Shaft, 175 ft. Tunnel, 800 ft.
North Star mine. Gold and silver. Shaft, 60 ft. Refractory ore. (Developing.)

CHARLESTON, Elko Co. Pop. 60. Ry. Deeth, 841.
Gold—A. C. Morse. Cap. $20,000. Cleveland mine. Tunnel. Free and refractory ore. 100 days; 20 employes. Steam. 10-stamp mill, 25 tons daily capacity. Tom Charles, mine supt.

CLOVERDALE, Nye Co. Ry. Austin, 576.
G.S.—J. Frazier. Gold and silver.
G.S.—Thos. Mitchell. Gold and silver.

COLD CREEK, Whitepine Co. Ry. Eureka, 293.
G.S.—Chas. Bonne. Gold and silver.
G.S.—Chas. Born. Gold and silver.
G.S.C.—Fulton & Simms. Gold, silver and copper.
G.S.—Henry Peters. Gold and silver.

COLUMBIA, Elko Co. Pop. 62. Ry. Elko, 841.
G.S.—Clark & McClay. Gold and silver.
G.S.L.—Consolidated Gold & Silver Mining Co. Gold, silver and lead.
G.S.—P. J. Harrington. Gold and silver.
G.S.—C. G. Ridd. Gold and silver.
G.S.—A. P. Sinclair. Gold and silver.
Silv.—Alex. Wining. Silver.

COLUMBUS, Esmeralda Co. Pop. 63. Ry. Candelaria. 125.
Silv.—Jas. Davis. Silver.
Silv.—Jas. Morrison. Silver.

CORTEZ, Lander Co. Pop. 500. Ry. Beowawe, 841.
Silver—Cortez Mines, Ltd. Principal office, London, England. S. Wenban, pres.; Wm. M. Leete, buyer. Tunnel, 10,000 ft. Free and refractory ore. Steam. Washer. Two miles ry., 1 locomotive, 10 cars. (Idle.)
S.C.—S. E. Duncommun. Silver and copper.
Silv.—Gilham Bros. & Eckert. Silver.

COTTONWOOD, Esmeralda Co. P.O. Hawthorne. Ry. 125.
Silv.—Cottonwood Mining & Milling Co., Fort Bidwell, Cal. Silver. (Idle.)

DAYTON, Lyon Co. Pop. 576. M.O. Tel. Ry. 125. Banking town Virginia City.
G.S.—W. W. Byrom. Gold and silver.
G.S.Qsr.—Carson River Placer Mining & Dredging Co. Peter Forrester, pres.; C. G. Christie, secy.; Pearson Halstead, treas.; O. H. Warren, gen. mgr.; Herman Davis, buyer. Cap. stk. $2,000,000. Gold, silver and quicksilver. Free ore. 300 days; 15 employes. Water. Herman Davis, mine supt.
G.S.—J. E. Dignoux. Gold and silver.
G.S.—H. W. Ely. Gold and silver.
G.S.—Jaqua, Brooks & Co. Gold and silver.
G.S.—T. P. Mack. Gold and silver.
G.S.—Wm. Mathison. Gold and silver.
Gold—Woodworth Mill Co.

DEETH, Elko Co. Pop. 100. Tel. Ry. 841. Banking town Elko.
Gold—Brunno Placer Mining Co., 75 State st., Salt Lake City, Utah. Cleveland and Mandhau mines. Tunnel, 300 ft. Free and refractory ore. Stamp mill. Thos. M. Charles, mine supt.
G.S.—Robt. McCullough. Gold and silver.
G.S.—C. C. Truett. Gold and silver.
G.S.—Mattie Waters. Gold and silver.

DE LAMAR, Lincoln Co. Ry. Milford, Utah, 899.
G.S.—April Fool Mining Co. Gold and silver.
G.S.—Geo. H. Robinson. Gold and silver.
Silv.—Wheatly Bros. & McAnish. Five mines and claims at Silver King Mining District. Smelting ore. Furnace, 15 tons daily capacity. (Not operating.)

DOWNEYVILLE, Nye Co. Pop. 63. Ry. Luning, 125.
G.S.C.—S. A. Browder. Gold, silver, copper and lead.
G.S.—W. T. Cox. Gold, silver and lead.
G.S.—Henry Lebeau. Gold, silver and lead.
G.S.—Jno. Meyett. Gold, silver and lead.
G.S.—Jno. Phillips. Gold and silver.
G.S.—Gilbert Raycroft. Gold and silver.
G.S.L.—Jas. D. Sullivan. Gold, silver and lead.

DYER, Esmeralda Co. Ry. Candelaria, 125
G.S.—Jno. Buser. Gold and silver.

EAGLEVILLE, Churchill Co. Ry. Wadsworth, 841
G.S.—Eagle Mining & Milling Co. Gold and silver.
G.S.—Great Western Mining Co. Gold and silver.
G.S.—T. Kenyon. Gold and silver.
Silv.—Wm. Maguire. Silver.
S.L.—Jno. Murphy. Silver and lead.
G.S.—Walker & Trimble. Gold and silver.
G.S.—Jas. H. Wichman. Gold and silver.

ELY, Whitepine Co. Pop. 203. M.O. Ry. Toana, 841.
G.S.—A. D. Campton. Gold and silver.
G.S.—Chainman Mining Co. Gold and silver.
G.S.—Ely Gold Mining & Milling Co. Gold and silver.
G.S.—Solomon Hilp. Gold and silver.
G.S.—Martin White Mining Co. Gold and silver.
G.S.—Monitor & Eberhardt. Gold and silver.
G.S.—New Eberhardt Mining Co. Gold and silver.
G.S.—R. A. Riepe. Gold and silver.
Gold—Robinson Canon Consolidated Placer Mining Co.
G.S.—J. C. Verzan. Gold and silver.
G.S.—A. R. Watson. Gold and silver.
G.S.—Martin White. Gold and silver.

EMPIRE CITY, Ormsby Co. Pop. 327. M.O. Ry. 125. Banking town Carson City.
G.S.—August Critts. Gold and silver.

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EMPIRE CITY—Continued.
G.S.—H. R. Logan. Gold and silver.
G.S.—Joe Moore. Gold and silver.
G.S.—E. Williams. Gold and silver.
G.S.—J. P. Woodbury. Gold and silver.

EUREKA, Eureka Co. Pop. 1,610. M.O. Tel. Ry. 293; 750a.
G.S.—Bowman Mining Co. Gold and silver.
Stone—F. J. Brennenkampt.
Smlt.—J. A. Drager & Co., Ruby Hill. Smelter. Charcoal. One stack, 30x24 in. Steam. Experimental furnace.
G.S.—Eureka Tunnel Consolidated Mining Co. R. Sadler, pres., gen. mgr. and buyer.; Wm. Pardy, v. pres.; John Pardy, secy. and treas. Cap. stk. $10,000,000. Tunnel, 2,008 ft. Silver, gold, lead and iron. Smelting ore. Worked by Chinamen, under 12 months' lease.
G.S.L.—Hamburg Mining Co., Box 296. Gold, silver and lead.
G.S.L.—Hansen, Reilley, Hartnett & Potter. Gold, silver and lead.
G.S.—Jackson Mining Co. Gold and silver.
G.S.—Chas. Lane. Gold and silver.
G.S.—M. McGarry. Delaware and San Jose mines. Shaft, 400 ft. Tunnel, 1,000 ft. Gold, silver, lead and iron. Refractory ore. 500 tons; 300 days; 6 employes. Steam.
Sur.—John Pardy. Mine Surveyor.
G.S.—E. E. Phillips. Gold and silver.
G.S.—Prospect Mountain Mining Co. Gold and silver.
G.S.—Richmond Consolidated Mining Co. Gold and silver.
G.S.—Chas. Rodeen. Gold and silver.
G.S.L.—Ruby Hill Tunnel & Mining Co. Gold, silver, lead and iron.
G.S.L.—Ruby & Dunderberg Consolidated Mining Co. Gold, silver and lead.
G,S.—Williamsburg Mining Co. Gold and silver.

FORT HALLECK, Elko Co. Pop. 91. Ry. Halleck, 841. Banking town Elko.
G.S.—J. D. Able. Gold and silver.
G.S.—J. J. Campbell. Gold and silver.
G.S.—R. Campbell. Gold and silver.
G.S.—E. J. Cowles & Co. Gold and silver.
G.S.—Archie Dorsey. Gold and silver.
G.S.—H. H. Harkless. Gold and silver.
G.S.—Victor McKelvy. Gold and silver
G.S.—T. J. Potter. Gold and silver.
G.S.—Thos. W. Robinson. Gold and silver
G.S.—I. N. Sherwood & Co. Gold and silver.
G.S.—A. W. Wilson. Gold and silver.

FRYBERG, Macon Co. P.O. Hiko. Ry. Milford, Utah, 899.
S.L.C.—P. N. Hanson. Silver, lead and copper.

GALENA, Lander Co. Ry. Battle Mountain, 576; 841.
G.S.—H. Driscoll. Gold and silver.
G.S.—Mellander Bros. Gold and silver.
G.S.C.—Rex Mining Co. Gold, silver and copper.

GARDNERVILLE, Douglas Co. Pop. 59. M.O. Ry. Carson City, 910.
G.S.—Peter Anderson. Gold and silver.
G.S.—Geo. Brown. Gold and silver.
G.S.—H. C. Dauberg. Gold and silver.

GENOA, Douglas Co. Pop. 434. M.O. Banking town and Ry. Carson City, 910.
G.S.L.—Hains & Gray. Gold, silver and lead.
G.S.—Raycraft & Raycraft. Gold and silver.
Gold—Zirn & Schulz.

GEYSER, Lincoln Co. Ry. Milford, Utah, 899.
G.S.—A. D. Campbell. Gold and silver.

GOLDHILL, Storey Co. M.O. Tel. Ry. 125. Banking town Virginia City.
G.S.—Imperial Mining Co. Gold and silver.
G.S.—Kentucky Mining Co. Gold and silver.
G.S.—New York Mining Co. Gold and silver.
G.S.—Silver Hill Mining Co. Gold and silver.
G.S.—Stoddard Group Mining Co. Gold and silver.
Silv.—Yellow Jacket Silver Mining Co. Silver.

GRANTVILLE. Nye Co. Pop. 20. Ry. Austin, 576.
G.S.—Alexander Mining Co. P. T. Farnsworth, buyer. Cap. $300,000. Alexander and Brooklin mines. Gold and silver. Shaft, 210 ft. Refractory ore. Steam. 40-stamp mill, 50 tons daily capacity. Thos. Mitchell, mine supt.
G.S.L.—Theodore Girac & Co. Gold, silver and lead.
Silv.—Hornsilver Mining Co. Silver.

HALLECK, Elko Co. Pop. 43. Tel. Ry. 841. Banking town Elko.
G.S.C.—Harrison & Elmore. Gold, silver and copper.

HAMILTON, Whitepine Co. Pop. 284. M.O. Banking town and Ry. Eureka, 293.
Lead—Jno. Black.
Lead—Thos. Cornell.
G.S.—Geo. C. Coulter. Silver and lead.

HAMILTON—Continued.
Lead—J. F. Crabtree.
S.L.—Jno. Dieholder. Silver and lead.
G.S.—Austin Jacobson. Gold, silver and lead.
S.L.—Kragnazi Roco. Silver and lead.
Lead—Louis Lani.
Silver—Dennis McAllen. Silver.
G.S.L.—McElliu Co. Young Treasure mine. Tunnel, 450 ft. Shaft, 375 ft. Gold, silver and lead ore. 300 tons; 300 days; 4 employes. Horse.
G.S.—C. A. Mathewson. Gold and silver.
G.S.—Jerome B. Mathewson. Gold and silver.
G.S.L.—Miser's Dream Mining Co. Gold, silver and lead.
Lead—Alex. Muir.
G.S.—Jno. Navea. Gold and silver.
G.S.L.—New Eberhardt Co., Ltd. Gold, silver and lead.
Lead—C. M. Neyman.
G.S.L.—Geo. P. Paul. Gold, silver and lead.
G.S.—David Ross. Gold and silver.
G.S.—Gustavus Simon. Gold and silver.
G.S.—Jas. Siri. Gold and silver.
Lead—Henry Steede.
Lead—J. B. Wilson.

HAWTHORNE, Esmeralda Co. Pop. 337. M.O. Tel. Ry. 125. Banking town Carson City.
G.S.—Borge Bros. Gold and silver.
G.S.—Confidence Silver Mining Co. Gold and silver.
G.S.—Esmeralda Mining Co. Gold and silver.
Silv.—Fairmount Consolidated Silver Mining Co. Silver.
C.M.E.—M. A. Knapp. Civil and Mining Engineer.
G.S.—S. A. Knapp. Gold and silver.
Gold—Laponta Consolidated Gold Mining Co.
G.S.—Pamlico Gold Mining Co. Gold and silver.
G.S.—R. J. Mining Co. Gold and silver.
G.S.—J. A. Waddell. Gold and silver.

HEALY, Churchill Co. Ry. Austin, 576.
G.S.—Fowle & Jonadon. Gold and silver.
G.S.—Chas. Kaiser. Gold and silver.
G.S.—Dan'l Keeler. Gold and silver.
Iron—Edward Stone.
Iron—M. Wiggins.

HELENE, Lincoln Co. P.O. Delamar. Ry. Milford, Utah, 899.
G.S.—Nevada Spy Mining Co. Gold and silver.

HIKO, Lincoln Co. Pop. 41. Ry. Milford, Utah, 899.
G.S.—Ferguson Bros. Gold and silver.
G.S.—A. W. Geer. Gold and silver.
G.S.—Jno. Pintoucher. Gold and silver.
G.S.—Lee Routzang. Gold and silver.
Silv.—David Service. Silver.
G.S.—Jos. Sharp. Gold and silver.
G.S.—W. H. Sharp. Gold and silver.
G.S.—Valley Mining Co. Gold and silver.

HOLBROOK, Douglas Co. Pop. 57. Ry. Carson City, 910.
Gold—Frank E. Cobb & Co.
G.S.—A. C. Pratt & Co. Gold and silver.
G.S.—O. C. West. Gold and silver.
G.S.—Willave & McDonald. Gold and silver.

HUMBOLDT HOUSE, Humboldt Co. Pop. 30. Ry. 841.
G.S.—J. Baldiece. Gold and silver.
G.S.—L. A. Blakesley. Gold and silver.
G.S.—J.Clark. Gold and silver.
G.S.—Eagle Mining Co. Gold and silver.
G.S.—Golden Jacket Gold & Silver Mining Co., room 17, 331 Montgomery st., San Francisco, Cal. Golden Jacket mine. Gold and silver. Free ore. (Idle.)
Gold—Strobridge & Feliz. G. W. Meacham, gen. mgr. Lost mine and other claims. Free ore. Also own placer ground.

JUNCTION, Nye Co. Pop. 40. Ry. Austin, 576.
M.E.—O. H. Packer, Mining Engineer. Supt. Cleveland Gold & Silver Mining Co. Specialties: Assaying, Examining Mines and Constructing Mills.

LAMOILLE, Elko Co. Pop. 25. Elko, 841.
G.S.—Wm. Cant. Gold and silver.
G.S.—Fordam & Co. Gold and silver.
G.S.—C. Hargrove. Gold and silver.
G.S.—D. Ogilbie & Co. Gold and silver.
G.S.—Wm. Roach. Gold and silver.
G.S.—R. E. Skaggs & Co. Gold and silver.

LEWIS, Lander Co. Pop. 25. Ry. Battle Mountain, 576; 841.
Gold—Pittsburg Gold Mining Co.
G.S.—M. B. Record. Gold and silver.
G.S.—Star Grove Mining Co. Gold and silver.
G.S.—S. B. Thorp. Gold and silver.

LIDA, Esmeralda Co. Pop. 79. Ry. Candelaria, 125.
G.S.—Antone Babcock. Gold and silver.
G.S.—Jos. Cahaly. Gold and silver.
G.S.—Thomas Carter. Gold and silver.
G.S.—Peter Kiser. Gold and silver.
G.S.—Louis Tietjen. Gold and silver.

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LOVELOCKS, Humboldt Co. Pop. 560. M.O. Tel. Ry. 841.
G.S.—Charles Bell. Gold and silver.
G.S.—Ben Hur Mining Co., Port Huron, Mich. Tunnel, 1,500 ft. Shafts. Gold and silver. (Developing.)
G.S.L.—H. C. Emmons. Gold, silver and lead.
Gyp.—Pacific Plaster Co., 216 Bush st., San Francisco. Gypsum. 2,000 tons. Plaster mill, 30 tons daily capacity.
G.S.—P. K. Reid. Gold and silver.
Iron—Jno. Sullivan.

LUNING, Esmeralda Co. Pop. 19. Ry. 125. Banking town Austin.
G.S.—Y. Lyford. Gold and silver.

McDERMITT, Humboldt Co. Ry. Winnemucca, 841.
Gold—Jim Lou.
G.S.—E. F. Mullaney. Gold and silver.
G.S.—L. L. Rickard. Gold and silver.

MANSE, Nye Co. Ry. Manvel, Cal., 579.
G.S.—Jno. Black. Gold and silver.
G.S.—N. Clark. Gold and silver.
G.S.—C. M. Negman. Gold and silver.
G.S.—White & Yount Bros. Gold and silver.
G.S.—Yount, Hamilton & White. Gold and silver.

MASON VALLEY, Lyon Co. Pop. 598. P.O. Yerington. Ry. 125. Banking town Virginia City.
G.S.—P. Gallagher. Gold and silver.

MIDAS, Nye Co. Ry. Austin, 576.
G.S.—P. Allard. Gold and silver.
G.S.—Frank Bradley. Gold and silver.
G.S.—James Coleman. Gold and silver.
G.S.—E. Craine. Gold and silver.
G.S.—Bart Croce. Gold and silver.
G.S.—W. S. Gage & Co. Gold and silver.
G.S.—M. Lemos. Gold and silver.
G.S.—F. McGeary. Gold and silver.
G.S.—P. Merten. Gold and silver.
G.S.—A. Phillips. Gold and silver.
G.S.—W. B. Sheehan. Gold and silver.
G.S.—G. W. Veach. Gold and silver.
G.S.—Albert Wirths. Gold and silver.

MILL CITY, Humboldt Co. Pop. 25. Tel. Ry. 841.
G.S.—T. Bray. Gold and silver.
G.S.—J. F. Clark. Gold and silver.
G.S.—James Hendra. Gold and silver.
G.S.—Lorane & Gilbert. Gold and silver.
G.S.—J. Phillips. Gold and silver.
G.S.—Standinger & Clark. Gold and silver.
G.S.—S. C. Thomas. Gold and silver.
G.S.—Peter Woolcock. Gold and silver.
G.S.—Chas. Wright. Gold and silver.

MONTGOMERY, Nye Co. P.O. Pahrump. Ry. Manvel, Cal., 579.
G.S.—Chispo Mining Co. Gold and silver.

MOREY, Nye Co. Pop. 19. Ry. Eureka, 293.
Silv.—H. A. Cohen.
G.S.—R. Gluyas.

MOUNTAIN CITY, Elko Co. Pop. 39. Ry. Elko, 841.
G.S.—Ferdinand Festamere. Gold and silver.
G.S.—Columbus Harris. Gold and silver.
G.S.—Jno. Huber. Gold and silver.
G.S.—J. W. McDonald. Gold and silver.
G.S.—J. R. McGinnis. Gold and silver.
G.S.—Resurrection Mining Co. Gold and silver.

ORIENTAL, Esmeralda Co. Ry. Candelaria, 125.
G.S.—A. P. Anderson. Gold and silver.
G.S.—J. Maney & Co. Gold and silver.
G.S.—D. Remusat. Gold and silver.
Gold—Christian Sinner. Central mine. Tunnel, 320 ft. Free ore. Steam. Two arrastres, 4 tons daily capacity. Smesher mine. Tunnel, 260 ft. Free ore. Wide West mine. Incline, 75 ft. Free ore.
Gold—Stewart, Anderson & Co.
G.S.—M. L. Wills. Gold and silver.

OSCEOLA, White Pine Co. Pop. 95. Ry. Frisco, Utah, 899.
Gold—Belle Gold Mining & Milling Co., Salt Lake City, Utah. Fanny, Splendid, Joe Dandy and Baby Ellen mines. Shafts. Free ore. (Undeveloped.)
Gold—Cumberland & Osceola Gold Mining & Milling Co., 7 Doane st., Boston, Mass. Cumberland, Osceola, Revenue and Royal Flush mines. Ernest C. Wood, C. & M. E., gen. mgr. Shafts, 100 ft., 160 ft. and 80 ft. Steam. (Developing.)
Gold—Garaghan, Poujade & Leavitt.
Gold—G. B. Gilford.
Gold—Gold Demand Mining & Milling Co., Salt Lake City, Utah. Gold Demand mine. Shaft and tunnel. 4 employes.
G.S.—A. J. Millick. Gold and silver.
Gold—Osceola Gold Mining & Milling Co. Crescent and Eagle mines. Hon. W. E. Chandler, Concord, N. H.;

A—Continued.
Travis, Chicago, and estate of E. J. Gilmer (J. Dooley, administrator, Salt Lake City), owners. Dooley, mgr. Property bonded for $20,000.
Gravel Mining Co.
Placer Mining Co., New York. Placer. 150 40 employes. J. H. Marriott, mine supt.
Mining & Milling Co. (Gaby, Buntin & owners.) Serpent mine. Tunnels.
Tilford. Placer. 4 employes.

, Nye Co. Ry. Manvel, Cal., 579.
McDonald.
Mining Co. Gold and silver.
Gomery Mining Co. Gold and silver.
ward Mining Co. Gold and silver.

. Eureka Co. Pop. 70. M.O. Tel. Ry. 293; 841.
ing town Englewood.
anchi. Gold and silver.
Buchanan. Gold and silver.
nn. Gold and silver.
ddow. Gold and silver.
Jewell. Gold and silver.
indsay. Gold and silver.
Rand. Gold and silver.
oberstag. Gold and silver.
Trembath. Gold and silver.
alker. Gold and silver.

O, Esmeralda Co. P.O. Lida. Ry. Candelaria,

n & Scott. Gold and silver.
es & Gilbert. Gold and silver.
Vodadinich. Gold and silver.
R. Leschinski.

Lincoln Co. Pop. 321. Ry. Milford, Utah, 899.
Atchison. Gold and silver.
Atchison. Gold and silver.
Conway. Gold and silver.
Ellis. Gold and silver.
& Willard. Silver and lead.
Liston. Gold and silver.
McFadden. Gold and silver.
Reeves. Gold and silver.
ch. Gold and silver.
Syphus. Gold and silver.
Watson. Gold and silver.
Yoachum. Gold and silver.

Nye Co. P.O. Cloverdale. Ry. Austin, 576.
eker. Gold and silver.
Clone. Gold and silver.
na Compton.
el Compton. Gold and silver.
J. Kanrohat. Gold, silver and lead.
ck Linard. Gold and silver.
McNeil. Gold and silver.
ine Antimony Mining Co. Antimony.
Power. Gold and silver.

VE, Esmeralda Co. Ry. Wabuska, 125.
Beaman. Gold and silver.
ov. H. G. Blasdel. Gold and silver.
Moses. Gold and silver.
n & Kennedy. Gold and silver.
. Ross.
ler Mining Co. Gold and silver.
Willis. Gold and silver.
d Wilson & Sons.
H. Wright. Gold and silver.

Lincoln Co. Pop. 676. M.O. Tel. Ry. Milford, 899.
Reeves & Wilson. Gold and silver.
olia Mining Co. Gold and silver.
che Consolidated Mining & Reduction Co. Gold, and lead.
ing Mine Mining Co. Gold, silver and lead.

ashoe Co. Pop. 4,123. M.O. Tel. Ry. 125; 577; 841.
Barnes. Gold and silver.
n Barrett. Cap. $2,500. Granite. Quarry at noe.
. Chamberlain. Gold and silver.
E. Jones. Gold and silver.
M. Salt Works.
hall Gold & Silver Mining Co. Gold and silver.
Col. H. B. Maxson, Civil Engineer. U. S. Deputy Mineral Surveyor. Secretary Nevada State Association Civil Engineers.
Extension Ditch Co. Gold and silver.
Thompson. Gold and silver.
e Wm. Webster. Gold and silver.

E, Nye Co. Pop. 26. Ry. Eureka, 293.
Silver Mining Co. Gold and silver.

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REVEILLE—Continued.
Silv.—Peter Jackson. Silver.
Silv.—W. R. Norris. Silver.
Silv.—Geo. S. Oaks. Silver.
S.L.—Jos. Persico. Silver and lead.

RIOVILLE, Lincoln Co. Pop. 22. Ry. Kingman, Arizona, 31.
Geol.—Daniel Bonelli, Geologist. District Recorder of St. Thomas Mining District.
G.S.Mi.—Czarina, Princess, Snowdrift and May Queen. Shafts, 100 and 30 ft. and tunnel. Gold and silver and mica. Lead ore. 10 employes. Mines at White Hills, Ariz. Under development.
G.S.—Jos. Branchi. Gold and silver.
G.S.—J. P. Hansen. Gold and silver.

RUBYHILL, Eureka Co. Pop. 142. Ry. 750a. Banking town Eureka.
G.S.—Diamond Mining Co. Gold and silver.
Smlt.—John A. Drager & Co. Smelter at Eureka.
G.S.—Dunderberg Mining Co. Gold and silver.
G.S.—Richmond Mining Co. Gold and silver.

RYEPATCH, Humboldt Co. Pop. 18. Tel. Ry. 841.
G.S.—J. Bennett. Gold and silver.
G.S.—Boyington & Chase. Gold and silver.
G.S.—Frank Dorman. Gold and silver.
G.S.L.—Duncan & Forney. Gold, silver and lead.
G.S.—T. M. Howell. Gold and silver.
G.S.—Humboldt Queen Gold & Silver Mining Co.
Silv.—Antone Kaufman. Silver.
G.S.—Reese Gold & Silver Mining Co.
Silv.—Schmidt & Bender. Silver.

SCHELLBOURNE, White Pine Co. Ry. Toana, 841.
G.S.—Lovell & Williams. Gold and silver.

SENNER, Esmeralda Co. P.O. Lida. Ry. Candelaria, 125.
G.S.L.—Farrier & Gilbert. Gold, silver and lead.

SILVER, CITY, Lyon Co. Pop. 342. M.O. Ry. 125. Banking town Virginia City.
Gold—Alhambra Mining Co., San Francisco. Alhambra mine. Tunnels, 1,500 ft. Free ore. 200 days; 8 employes.
G.S.—Dayton Gold & Silver Mining Co.
G.S.—Great Republic Silver & Gold Mining Co. Gold and silver.
G.S.—Haygood Gold & Silver Mining Co. Gold and silver.
G.S.—Independent Gold & Silver Mining Co. Gold and silver.
G.S.—Oest Gold & Silver Mining Co. Gold and silver.
G.S.—Overland Gold & Silver Mining Co. Gold and silver.

SILVERPEAK, Esmeralda Co. Pop. 48. Ry. Candelaria, 125.
G.S.—Jno. Chiatorich. Gold and silver.
Gold—James O'Hale.

SKELTON, Elko Co. Ry. Elko, 841.
G.S.—Lindsay & Dobbs. Gold and silver.
G.S.—New England Gold & Silver Mining Co. Gold and silver.

SODAVILLE, Esmeralda Co. Pop. 62. Ry. 125. Banking town Austin.
G.S.—John Douglass. Direct mine. Gold and silver. Shaft, 100 ft. Tunnel, 50 ft. Free ore. Stamp mill, 12 tons daily capacity. W. Douglass, mine supt.
G.S.—Garfield Mining Co., Ltd. Gold and silver.
G.S.—A. L. Sanborn. Gold and silver.

SOUTH CAMP, Douglas Co. Ry. Carson City, 125.
Gold—Bi-Metallic Mining Co., Carson. Shafts, 50 to 195 ft. Tunnels, 20 to 720 ft. Free ore. 200 tons; 6 employes. Steam. Stamp mill, 5 tons daily capacity. H. Robinson, mine supt.

SPRING CITY, Humboldt Co. Pop. 35. P.O. Paradise Valley. Ry. Winnemucca, 841.
G.S.—Bolle & Angus. Gold and silver.
G.S.—J. M. Boncher. Gold and silver.
G.S.—Matthew Heatherston. Gold and silver.
G.S.—R. E. Ireland. Gold and silver.
G.S.—O. F. Mealey. Gold and silver.
G.S.—R. A. Merritt. Gold and silver.

SPRUCEMONT, Elko Co. Pop. 31. P.O. Spruce. Banking town and Ry. Elko, 841.
S.L.—J. Hamilton. Silver and lead.
S.L.I.—M. C. Hartley. Silver, lead and iron.
S.L.—Robt. Hartley. Silver and lead.
Smlt.—Juniper Consolidated Mining & Smelting Co.
G.S.—J. & Chas. Phalan. Gold and silver.
G.S.—C. M. Spruce. Gold and silver.
G.S.—Wells Mining Co. Gold and silver.

STOFIEL, Elko Co. Ry. Elko, 841.
G.S.—Jno. French. Gold and silver.
G.S.—Jno. Grohn. Gold and silver.
G.S.—Hugh Martin. Gold and silver.
G.S.—E. Penrod & Son. Gold and silver.
G.S.—Shearer & Stofiel. Gold and silver.

SUNNYSIDE, Nye Co. Ry. Toano, 841.
Copp.—Edward Gilfillan. Copper.
Lead—Geo. Jones.
G.S.—Martin Kennedy. Gold and silver.
G.S.—J. Riordan. Gold and silver.
G.S.—Edward Robinson. Gold and silver.
G.S.—Wheatley Bros. & Co. Gold and silver.

SUTRO, Lyon Co. Pop. 111. Tel. Ry. Dayton, 125. Banking town Virginia City.
G.S.—Comstock Tunnel Co., 70 Broadway, New York. 8 employes.

SWEETWATER, Esmeralda Co. Pop. 39. Ry. Hawthorne, 125. Banking town Carson City.
Gold—Foulke, Kilpatrick & Brown.
G.S.—A. S. Kilpatrick. Gold and silver.
G.S.—Mineral Chief Mining & Milling Co. Gold and silver.
G.S.—Monte Cristo Mining Co. Gold and silver
G.S.—Edward Moran. Gold and silver.
G.S.—A. P. Sayre. Gold and silver.
G.S.—Thos. C. Sharpe. Gold and silver.
G.S.—Jno. Sheehan. Gold and silver.

TAYLOR, Whitepine Co. Pop. 68. P.O. Ely. Ry. Toano, 841.
Silv.—Argus Mining Co. Silver.

TECOMA, Elko Co. Pop. 59. Tel. Ry. 841. Banking town Ogden, Utah.
G.S.—Wm. Argyle. Gold and silver.
S.L.—Chas. Christie. Gretchen mine. Silver and lead. Shaft and tunnel. Refractory ore.
G.S.—Jno. Cooley. Gold and silver.
S.L.—H. H. Dake. Silver and lead.
S.L.—Hines & Leeper. Silver and lead.
G.S.—Fred Hoppey. Gold and silver.
S.L.—A. W. Hume & Co. Silver and lead.
G.S.—E. Munsee. Gold and silver.
G.S.—Myers Bros. Gold and silver.
G.S.—Wm. Riley. Gold and silver.

TUSCARORA, Elko Co. Pop. 1,156. M.O. Tel. Banking town and Ry. Elko, 841.
G.S.—Belle Isle Mining Co. Gold and silver
G.S.—Commonwealth Mining Co. Gold and silver
G.S.—Coptis Mining Co., 314 Montgomery st., San Francisco, Cal. Coptis mine. Gold and silver. Shafts and tunnels.
G.S.—Del Norte Mining Co. Gold and silver.
G.S.—Dexter Gold & Silver Mining Co. Gold and silver.
G.S.—Diana Mining Co. Gold and silver.
G.S.—Grand Prize Mining Co. Gold and silver.
G.S.—Napyas Mining Co., 314 Montgomery st., San Francisco, Cal. Napyas Mine. Gold and silver. Shafts and tunnels.
G.S.—Navajo Mining Co. Gold and silver.
G.S.—North Belle Isle Mining Co. Gold and silver.

TWIN RIVER, Nye Co. P.O. Belmont. Ry. Austin, 576.
G.S.—W. Brangher. Gold and silver.
G.S.—Chicago Mining Co. Gold and silver.

TYBO, Nye Co. Pop. 58. Banking town and Ry. Eureka, 293.
G.S.—A. Agwayo. Gold and silver.
G.S.—S. S. Fairbanks. Gold and silver.
G.S.—Wm. & J. B. Gilmore. "G.F.," "O.K." and "B.R." mines. Gold and silver. Shafts, 300 ft. Tunnel, 350 ft. Refractory ore. 300 days; 2 employes. Developing.
G.S.—Joshua Lucas. Gold and silver.
G.S.—Philip Maul. Gold and silver.
G.S.—S. J. Robinson. Gold and silver.
S.L.—Geo. Turin. Silver and lead.
G.S.—Tybo Consolidated Mining Co. Gold and silver.
Gold—Joseph T. Williams.

VIRGINIA CITY, Storey Co. Pop. 8,511. M.O. Tel. Ry. 125.
G.S.—Alpa Consolidated Mining Co. Gold and silver.
G.S.—Alta Mining Co. Gold and silver.
Silv.—Andes Silver Mining Co.
G.S.—Brunswick Mining Co. Gold and silver.
G.S.—Chollar Mining Co. Gold and silver.
G.S.—Consolidated California & Virginia Mining Co., 309 Montgomery st., San Francisco. Gold and silver. Free ore. 300 days. Steam, water and compressed air. D. B. Lyman, mine supt.
G.S.—Gould & Curry Silver Mining Co., 309 Montgomery st., San Francisco. Gould & Curry claim.
Silv.—Isis Gold & Silver Mining Co. J. E. Gigrioux, pres.; J. M. Feeney, secy.; J. B. Dazet, treas.; F. S. La

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VIRGINIA CITY—Continued.
Crutz, gen. mgr. Cap. stk. $105,000. Claim at Silver City.
Silv.—Keyes Silver Mining Co.
Gold—Kinkhead Mining & Milling Co.
G.S.—Oest Gold & Silver Mining Co. Gold and silver.
Salt—Pacific Mill & Mining Co. Open pit.
G.S.—Potosi Mining Co. Gold and silver.
G.S.—Savage Mining Co., San Francisco, Cal. Savage mine. Gold and silver. Vertical and incline shaft, 2,400 ft. Free ore. 4,000 tons; 300 days; 25 employes. Steam.
G.S.—Sierra Nevada Mining Co. Gold and silver.

WABUSKA, Lyon Co. Pop. 21. Tel. Ry. 125.
G.S.—Gallagher & Clark. Gold and silver.

WASHOE, Washoe Co. Pop. 29. Tel. Ry. 125.
Gran.—John Barrett, Reno. Granite. 1,000 ft.; 120 days; 3 employes.
G.S.—J. T. Groiner. Gold and silver.
G.S.—Edward Harris. Gold and silver.
Gold—Smith Bros.

WELLS, Elko Co. Pop. 254. M.O. Tel. Ry. 841. Banking town Elko.
S.L.—Jno. Bourne. Silver and lead.
G.S.—Hamill, Hall & Waters. Gold and silver.
G.S.C.—Andrew & William Knopf. Gold, silver and copper.
A.S.L.—P. R. Prunty. Asbestos, lead and silver.

WHITE PLAINS, Churchill Co. Tel. Ry. 841.
Borx.—Desert Borax Co. Borax.
G.S.Etc.—Lake View Mining Co. (James Say and L. F. Gould, M. E., prop'rs.) Gold, silver, antimony, sulphur and phosphate. Mines on Humboldt Lake.
Gold—Schmidt & Klock.

WHITERIVER, Nye Co. Ry. Toano, 841.
G.S.—L. Sharp. Gold and silver.
G.S.—E. Smith. Gold and silver.
G.S.—Whitby Bros. Gold and silver.

WHITEROCK, Elko Co. Pop. 39. M.O. Ry. Elko, 841.
G.S.—Beard & Mussey. Gold and silver.
G.S.—W. D. Fuller. Gold and silver.
G.S.—Leach & Storff. Gold and silver.
G.S.—Riddle Bros. Gold and silver.
S.L.—A. J. Sinclair. Silver and lead.

WILLOWCREEK, Humboldt Co. Pop. 66. Ry. Winnemucca, 841.
Iron—Manuel Alvaris.
G.S.—Bell Union Mining Co. (S. B. Dyer, owner.) Mine at Winnemucca. Gold and silver.
G.S.—P. Cassidy. Gold and silver.
G.S.—J. Choat & Bro. Gold and silver.
G.S.—J. B. Crandall. Gold and silver.
G.S.—Daniel Boone Mining Co. J. W. Crowe, pres.; W. R. Johnson, v. pres.; A. K. McKenzie, secy.; K. R. McKenzie, gen. mgr. Mine at Winnemucca. Gold and silver.
G.S.—S. B. Dyer. Gold and silver.
G.S.—J. Everts. Gold and silver.
G.S.—J. Geary. Gold and silver.
G.S.—T. L. Hoppin. Gold and silver.
G.S.—J. H. Jones. Gold and silver.
G.S.—M. Leonard. Gold and silver.
G.S.—K. R. McKenzie. Gold and silver.
G.S.—R. McLeron. Gold and silver.
G.S.—F. Mortimer. Gold and silver.
G.S.—E. Pells. Gold and silver.
G.S.—Planet Mining Co. (L. A. Buckner and C. Kemler, owners.) Mine at Winnemucca. Gold and silver.
G.S.—P. Roberti. Gold and silver.
G.S.—F. P. Sharp. Gold and silver.
G.S.—A. Shewsberry. Gold and silver.
G.S.—Smith & Roberts. Gold and silver.
G.S.—J. Wilson. Gold and silver.

WINNEMUCCA, Humboldt Co. Pop. 1,500. M.O. Tel. Ry. 841.
G.S.—Bell Union Mining Co., Willow Creek. Bell Union mine. Gold and silver. Shaft, 120 ft. Free ore.
G.S.—Daniel Boone Mining Co., Willow Creek. Daniel Boone mine. Gold and silver. Shaft, 100 ft. Tunnel, 200 ft. Free ore.
G.S.—Planet Mining Co., Willow Creek. Gold and silver. Free ore.
Stone—Alexander Wise.

YERINGTON, Lyon Co. Pop. 577. M.O. Ry. Wabuska, 125.
G.S.—L. C. Clark. Gold and silver.
G.S.—D. Emerson. Gold and silver.
Copp.—J. McConnell. Copper.
Copp.—W. K. Spragg. Copper.

ZELDA, Churchill Co. Ry. name Hot Springs, 841.
Stone—James Sey.

NEW HAMPSHIRE

ALSTEAD, Cheshire Co. Pop. 870. M.O. Tel. Banking town and Ry. Bellows Falls, Vt., 82; 136; 305.
Mica—S. A. Mitchell. Alstead mine. Open pit. Steam.

ANDOVER, Merrimack Co. Pop. 1,090. M.O. Tel. Ry. 82. Banking town Franklin.
Gran.—Jno. Boswell. Granite.

ASHLAND, Grafton Co. Pop. 1,193. M.O. Tel. Ry. 82.
Gran.—Paul Perkins. Granite.
Gran.—Jos. Shephard. Granite.

AUBURN, Rockingham Co. Pop. 249. Tel. Ry. 82. Banking town Manchester.
Gran.—B. A. Haselton. Auburn Granite quarry. Opened 1895.

BARRINGTON, Strafford Co. Pop. 1,408. Ry. 82. Banking town Dover.
Gran.—Jos. Gray. Granite.
Gran.—W. H. Martin. Granite.

BEDFORD, Hillsboro Co. Pop. 1,102. Tel. Banking town and Ry. Manchester, 82.
Gran.—F. R. French.

BOW, Merrimack Co. Pop. 267. Banking town and Ry. Concord, 82.
Gran.—J. H. B. Palmer. Granite.
Gran.—Otis W. Whittier. Granite.

BRADFORD, Merrimack Co. Pop. 661. M.O. Tel. Ry. 82. Banking town Concord.
Gran.—M. Swenson. Granite.

BRISTOL, Grafton Co. Pop. 1,524. M.O. Tel. Ry. 82.
Gran.—M. G. Chandler. Granite.
Gran.—Milo Fellows. Granite.
Mica—W. A. Rice. Open pit.

BROOKFIELD, Carroll Co. Pop. 90. Ry. Sanbornville, 82. Banking town Wolfboro.
Gran.—Mark Remick. Granite.

BROOKLINE, Hillsboro Co. Pop. 260. M.O. Tel. Ry. 305. Banking town Ayer, Mass.
Gran.—Henneberry Bros. & Co., Concord. Granite. Brookline quarry. 300 days; 8 employes.
Gran.—Tyler & Taylor. Granite.

CANAAN, Grafton Co. Pop. 600. M.O. Tel. Ry. 82. Banking town Lebanon.
Gran.—James Dubbia. Granite.

CHATHAM, Carroll Co. Pop. 126. Ry. Fryeburg, Me., 491. Banking town Portland, Me.
Gran.—A. W. Anderson. Granite.

CLAREMONT, Sullivan Co. Pop. 5,565. M.O. Tel. Ry. 82.
Gran.—N. N. Beston. Granite.
Mica—New Hampshire Mica Mining Co., 7 Water st., Boston, Mass.

COLEBROOK, Coos Co. Pop. 1,736. M.O. Tel. Ry. 491.
Gran.—Chappel & Young. Granite.
Gran.—Hugh Coyle. Granite.

CONCORD, Merrimack Co. Pop. 17,500. M.O. Tel. Ry. 82.
Gran.—Ola Anderson. Anderson's quarry. Grey granite. Mill. Steam.
Gran.—Blue Diamond Granite Co. Quarry at Rumney.
Gran.—Jas. Clancy & Co. Granite.
Gran.—Geo. Clark. Granite.
Gran.—Barney Connor. Granite.
Gran.—T. H. Dunstane & Co. Granite.
Gran.—M. G. Gannon & Son. Granite.
Gran.—Granite Railway Co., 166 Devonshire st., Boston, Mass. Railway quarry. White granite. Mill. Steam.
Gran.—Henneberry Bros. & Co. Granite. Quarry at Brookline.
Gran.—Jas. R. Heskinge. Granite.
Gran.—Edw. Hodgman. Granite.
Gran.—Lahlane & Daly. Granite.
Gran.—Laws & Trenowith. Granite.
Gran.—Wm. Lynds. Granite.
Gran.—W. H. Perry. Granite.
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CONCORD—Continued.
Gran.—Harry Phillips. Granite.
Gran.—A. G. McAlpine. Granite.
Gran.—M. McGuire. Granite.
Gran.—W. H. Mudge & Son. Granite.
Gran.—New England Granite Co. Granite.
Gran.—J. T. Rooney. Granite.
Gran.—State Capitol Polishing Works. Granite.
Atty.—Streeter, Walker & Hollis (Frank S. Streeter, Reuben E. Walker, Allen Hollis), Attorneys at Law, 77 N. Main st. Compilers of the laws of New Hampshire for the RECORD.
Gran.—Jno. H. Tressida. Granite.

DALTON, Coos Co. Pop. 110. Ry. 82. Banking town Whitefield.
Gran.—Ed. Cashman. Granite.

DOVER, Strafford Co. Pop. 13,000. M.O. Tel. Ry. 82.
Gran.—Joseph S. Abbott. Granite.
Gran.—D. Chesley & Co., Durham. Granite. 50,000 yds.; 240 days; 15 employes.
Gran.—Wm. L. Elder. Granite.
Gran.—George & Longmaid. Granite.
Gran.—Hall & Emerson. Granite.

DURHAM, Strafford Co. Pop. 380. M.O. Tel. Ry. 82. Banking town Dover.
Gran.—D. Chesley & Co. D. Chesley, gen. mgr. and buyer. Cap. $3,000. Granite. Quarry at Dover.

EAST CONCORD, Merrimack Co. Pop. 855. M.O. Tel. Ry. 82. Banking town Concord.
Gran.—A. H. F. Knowles. Granite.

EAST GRAFTON, Grafton Co. Pop. 60. Ry. Grafton, 82.
Gran.—Silver Gray Granite Co. Granite.

EAST KINGSTON, Rockingham Co. Pop. 180. M.O. Tel. Ry. 82. Banking town Exeter.
Gran.—Carter Bros. Granite.
Gran.—Joel Hodgeon. Granite.

EAST NOTTINGHAM, Rockingham Co. Ry. Lee, 82.
Sili.—Nottingham Silica Mining Co., 703 Western Union Bldg., Chicago. Infusorial earth. 10 employes.

EFFINGHAM FALLS, Carroll Co. Pop. 125. Tel. Ry. Center Ossipee, 82. Banking town Freedom.
Gran.—J. B. Davis. Granite.

ENFIELD, Grafton Co. Pop. 1,439. M.O. Tel. Ry. 82. Banking town Lebanon.
Gran.—D. L. Tilton. Granite.
Gran.—Wells & Flanders. Granite. Open pit. Mill. Horse.

EPPING, Rockingham Co. Pop. 1,721. M.O. Tel. Ry. 82.
Gran.—Erastus Cutting. Granite.

EXETER, Rockingham Co. Pop. 4,234. M.O. Tel. Ry. 82.
Gran.—Chas. N. Gray. Granite.
Gran.—L. S. Johnson. Granite.
Gran.—J. A. Moon. Granite.
Gran.—J. R. Stables. Granite.

FARMINGTON, Strafford Co. Pop. 3,064. M.O. Tel. Ry. 82.
Gran.—J. T. Pride & Son. Granite.

FITZWILLIAM, Cheshire Co. Pop. 275. M.O. Ry. 305. Banking town Keene.
Gran.—Dunn Bros. Granite.
Gran.—Evans & Co., 131 Central st., Worcester, Mass. Fitzwilliam quarry. Granite. 6,000 cu. ft.; 25 employes. Steam. Operate 3 miles ry., 1 locomotive, 7 cars.
Gran.—J. E. Fisher. Granite.
Gran.—S. M. Follansby. Granite.
Gran.—D. I. Hayden & Co. Granite.
Gran.—H. C. White. Granite.

FITZWILLIAM DEPOT, Cheshire Co. Pop. 1,122. M.O. Tel. Ry. 305. Banking town Keene.
Gran.—R. L. Angier & Co. Granite.
Gran.—W. E. Blodgett & Co. Granite.
Gran.—Bryant & Co. Granite.
Gran.—Evans & Darling Bros. Granite.
Gran.—Daniel H. Reed. Granite. Reed quarry.

FITZWILLIAM DEPOT—Continued.
Gran.—S. B. Thompson. Granite.
Gran.—Webb Granite & Construction Co. Granite. Webb Mountain quarry. Open pit. Mill. Steam.
Gran.—A. F. Wilson. Granite.

FRANCESTOWN, Hillsboro Co. Pop. 600. M.O. Tel. Ry. Greenfield, 82.
Spst.—Francestown Soapstone Co.
Spst.—Union Soapstone Co. Soapstone. Open pit. Steam.
Spst.—Chas. Williams. Soapstone. 2,000 tons. Mill. Steam and water.

GOFFSTOWN, Hillsboro Co. Pop. 1,981. M.O. Tel. Ry. 82. Banking town Manchester.
Gran.—A. I. Phelps. Granite.

GORHAM, Coos Co. Pop. 1,710. M.O. Tel. Ry. 82.
Gran.—G. A. Hodgdon. Granite.

GOSSVILLE, Merrimack Co. Pop. 130. M.O. Ry. name Epsom, 82. Banking town Pittsfield.
Gran.—J. A. Edmunds. Granite.

GRAFTON, Grafton Co. Pop. 93. M.O. Tel. Ry. 82. Banking town Lebanon.
Iron—Ruggles & Randall.
Mica—D. L. Straw. Mica miner.

GRAFTON CENTER, Grafton Co. Pop. 66. Ry. 82.
Mica—American Mica Mg. Co.
Mica—G. H. Randall. Open pit.

HANOVER, Grafton Co. Pop. 1,817. M.O. Tel. Ry. Norwich, Vt., 82.
Gran.—Huntington & Sullivan. Granite.

HAVERHILL, Grafton Co. Pop. 2,545. M.O. Tel. Ry. 82. Banking town Wells River, Vt.
Gran.—S. E. Leazer. Granite.
Gran.—Wm. H. Page & Co. Granite.
Stone—Pike Mfg. Co., Pike's Station. Oil and water stones.

HILLSBORO BRIDGE, Hillsboro Co. Pop. 1,400. M.O. Tel. Ry. 82.
Gran.—Jas. Clark. Granite.
Gran.—Rodney Clark. Granite.

HINSDALE, Cheshire Co. Pop. 2,258. M.O. Tel. Ry. 82.
Gran.—C. H. Higgins. Granite.

HOOKSET, Merrimack Co. Pop. 1,893. M.O. Tel. Ry. 82. Banking town Concord.
Gran.—Jas. Huse. Granite.

HUDSON, Hillsboro Co. Pop. 1,092. M.O. Ry. 82. Banking town Nashua.
Gran.—J. H. Baker. Granite.
Gran.—Mark Batchelder. Granite.

KEENE, Cheshire Co. Pop. 7,446. M.O. Tel. Ry. 82; 305.
Gran.—Roxbury Granite Co. Granite.

LAKEPORT, Belknap Co. Pop. 2,715. M.O. Tel. Ry. 82.
Gran.—Plymouth Granite Quarry. Granite.

LEBANON, Grafton Co. Pop. 3,763. M.O. Tel. Ry. 82.
Gran.—St. Pillsbury & Freeto. Granite.
Gran.—P. H. Freeto. Granite.
Gran.—Lebanon Pink Granite Co. J. M. Ellis, pres. and gen. mgr.; Edgar Knowlton, secy.; C. W. Foster, treas. Cap. stk. $10,000, pd. up.
Gran.—Thompson Bros. Granite.

LITTLETON, Grafton Co. Pop. 3,365. M.O. Tel. Ry. 82.
G.S.—Whitehead Mining Co. Gold and silver.

MADISON, Carroll Co. Pop. 350. M.O. Ry. 82. Banking town Conway.
Gran.—Lewis D. Gumb, 914 Gorham st., Lowell, Mass. Madison Pink Granite quarry. Steam.
Gran.—Ossipee Valley Granite Co., New York. Ossipee Valley quarry. Steam.

MANCHESTER, Hillsboro Co. Pop. 44,126. M.O. Tel. Ry. 82.
Gran.—Amoskeag Manufacturing Co. Granite.
Gran.—F. S. Bodwell. Granite.
Gran.—Bond & Thayer. Granite.
Gran.—M. Fitzgerald. Granite.
Gran.—Warren Harvey. Granite.
Gran.—J. G. Johnson. Granite.
Gran.—Wm. G. Landry. Granite.
Gran.—Manchester Granite Co. Granite.
Gran.—Waterman Smith. Granite.
Gran.—R. P. Stevens & Co. Granite.
Gran.—H. Willey. Granite.
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MASON, Hillsboro Co. Pop. 121. Ry. 305. Banking town Townsend, Mass.
Gran.—D. Beaton. Granite.
Gran.—F. E. Chambers. Granite.
Gran.—I. Hartnoll. Granite.
Gran.—McDonald Stone Co. Granite.
Gran.—Mason New Hampshire Granite Co., 45 Broadway, New York. Granite. 80 tons daily; 50 employes. Steam. One mile railway, 1 locomotive, 2 cars. Duncan Rusk, quarry supt.
Gran.—Leslie Robbie. Granite.
Gran.—Wm. Stuman. Granite.

MILFORD, Hillsboro Co. Pop. 3,015. M.O. Tel. Ry. 82; 305.
Gran.—John B. Bishop. Bishop's quarry.
Gran.—L. M. Burns. Granite.
Gran.—Chas. Carkin. Granite.
Gran.—A. E. Carlton. Granite.
Gran.—I. H. Carlton. Granite.
Gran.—Geo. Falconer. Granite.
Gran.—J. E. Fields. Granite.
Gran.—Milford H. Gregg, Philadelphia, Pa. Granite.
Gran.—Hayden Bros. Granite.
Gran.—L. K. Hutchinson. Granite.
Gran.—E. G. Kittridge & Co. Granite.
Gran.—M. P. Mathison. Granite.
Gran.—Jno. B. Melendy. Granite.
Gran.—Nathan Merrill. Granite State quarry.
Gran.—Milford Granite Co. F. W. Richardson, pres.; Carl E. Knight, secy.; H. H. Barber, treas.; Curtis K. George, gen. mgr. Cap. stk. $16,000, pd. up. New Westerly quarry. 55,000 ft.; 300 days; 50 employes. Steam.
Gran.—Miller & Luce, Quincy, Mass. Granite.
Stone—Newton Perham. Sawyer Hill quarry. 8,000 cubic feet; 165 days; 2 employes. Hand.
Gran.—George F. Parker. Granite. 5,000 ft.; 225 days; 6 employes.
Gran.—Ponemah Granite Quarrying & Manufacturing Co. Ponemah quarry. Steam.
Gran.—Stevens Granite Co. Chas. W. Stevens, pres. and gen. mgr.; F. A. Mellen, v. pres.; Bertis A. Pease, secy.; Samuel A. Lovejoy, treas. Cap. stk. $20,000. Building and paving granite. Steam.
Gran.—J. R. Thompson. Granite.
Gran.—Young & Son, Troy, N. Y. Granite.

NASHUA, Hillsboro Co. Pop. 19,400. M.O. Tel. Ry. 82.
Marb.—Chas. E. Cummings. Marble.
Gran.—Leon Lemay. Granite.
Gran.—Lemay & Tetro. Granite.
Gran.—Thos. Mulvanity. Granite.
B.Fur.—Nashua Iron & Steel Co. Blast furnace.
Gran.—Chas. W. Stevens. Granite.
Spst.—Williams & Co. Soapstone. Mill.

NEW LONDON, Merrimack Co. Pop. 510. M.O. Tel. Ry. Potter Place, 82. Banking town Concord.
Gran.—A. Preston. Granite.

NEWPORT, Sullivan Co. Pop. 2,623. M.O. Tel. Ry. 82.
Mica—New Hampshire Mica Mining Co., 7 Water st., Boston, Mass.

NORTH CONWAY, Carroll Co. Pop. 744. M.O. Tel. Ry. 82; 491.
Gran.—F. Blasdell. Granite.

NORTHFIELD, Merrimack Co. P.O. Northfield Depot. Ry. 82. Banking town Concord.
Gran.—S. B. Sargent. Granite.

NORTH GROTON, Grafton Co. Pop. 84. Ry. Rumney, 82.
Mica—J. W. Kinne.

N. LITTLETON, Grafton Co. Ry. Littleton, 82.
Gran.—Rufus Smith. Granite.

NORTHUMBERLAND, Coos Co. Pop. 1,356. Tel. Ry. 82. Banking town Lancaster.
Gran.—O'Rourke Bros., 76 Union st., Salem, Mass. Granite. 25 employes.

OSSIPEE, Carroll Co. Pop. 1,630. M.O. Tel. Ry. 82. Banking town Wolfboro.
Gran.—Isaac Burwell. Granite.

PELHAM, Hillsboro Co. Pop. 229. Tel. Banking town and Ry. Lowell, Mass., 82.
Gran.—G. A. Fox. Granite.

PENACOOK, Merrimack Co. Pop. 1,837. M.O. Tel. Ry. 82.
Gran.—Merrimac Polish Co. Granite.

PETERBORO, Hillsboro Co. Pop. 2,507. M.O. Tel. Ry. 82; 305.
Surv.—Eben W. Jones. Surveyor.

PIERMONT, Grafton Co. Pop. 371. M.O. Tel. Banking town and Ry. Bradford, Vt., 52.
Gran.—Black Mountain Granite Co. Granite. Mill. Water.
Stone—Pike Manufacturing Co., Pike Station, N. H. Whetstones.

PIKE STATION, Grafton Co. Pop. 87. M.O. Tel. Ry. 82.
Stone—Pike Manufacturing Co. E. B. Pike, pres. and treas.; Geo. H. Worthington, v. pres.; E. E. Morgan, secy. Whetstone. Quarry at Piermont.

QUINCY, Grafton Co. Pop. 34. Tel. Ry. 52.
Gran.—Crystal Granite Co. A. R. Smith, gen. mgr. and buyer. Cap. invested, $30,000.

ROCHESTER, Strafford Co. Pop. 7,396. M.O. Tel. Ry. 82; 697.
Gran.—S. Hussey. Granite.

RUMNEY, Grafton Co. Pop. 390. M.O. Tel. Ry. 82. Banking town Plymouth.
Gran.—Blue Diamond Granite Co., Concord. 12 employes.
Gran.—Crystal Granite Co., Quincy, N. H. 1 mile ry. Shipping point Quincy.
Gran.—J. W. Quimby. Granite.
Gran.—Standard Granite Co. J. W. Quimby, mgr. Loon Pond quarry. Blue granite. 10 employes. Quarry opened 1895.
Gran.—White Mountain Granite Co. Granite. Mill.
Gran.—V. V. Whitney. White Diamond granite. 12 employes.

SUNAPEE, Sullivan Co. Pop. 790. M.O. Tel. Ry. 82. Banking town Newport.
Gran.—Dingle, Odgers & Co. Granite.
Gran.—Jonathan Keart. Granite.
Gran.—Sunapee Granite Co. Sunapee quarry. Granite. Mill. Steam.

SUNCOOK, Merrimack Co. Pop. 2,742. M.O. Tel. Ry. 82.
Gran.—Chas. A. Bailey. Granite.

TROY, Cheshire Co. Pop. 1,000. M.O. Tel. Ry. 305. Banking town Keene.
Gran.—Troy Granite Co. Granite.
Sili.—J. A. Wright & Co. Silica.

WATER VILLAGE, Carroll Co. Pop. 100. Ry. Ossipee, 82.
Gran.—C. Horne. Granite.

WEST CONCORD, Merrimack Co. Pop. 1,021. M.O. Tel. Ry. 82. Banking town Concord.
Gran.—Frank Blodgett. Granite.
Gran.—Carpenter Granite Works. Granite.
Gran.—F. R. Clark. Granite.
Gran.—Crowley & Quinn. Granite.
Gran.—John H. Flood. Concord granite.
Gran.—Thos. Fox. Granite.
Gran.—Jno. A. Fraser & Son. Granite.
Gran.—Wm. C. Fraser. Granite.
Gran.—Gay Bros. Granite.
Gran.—C. A. Giles. Granite.
Gran.—Granite Railway Co. Granite.
Gran.—Jno. Hannigan. Granite.
Gran.—Anthony Harrison. Granite.
Gran.—A. J. Holmes. Granite.
Gran.—Henry Ivey. Granite.
Gran.—Geo. Kellone. Granite.
Gran.—W. S. Longee. Granite.
Gran.—Jno. McGuire. Granite.
Gran.—Jno. McKenna. Granite.
Gran.—Murphy Bros. Granite.
Gran.—Thos. Nawn. Granite.
Gran.—L. O. Peabody. Granite.
Gran.—Ben. T. Putney. Granite.
Gran.—Oliver Racine. Granite.
Gran.—Geo. Speed. Granite.
Gran.—Jno. Swenson. Granite.
Gran.—H. F. Trussel & Son. Granite.

WILTON, Hillsboro Co. Pop. 1,850. M.O. Tel. Ry. 82.
Gran.—Chas. Hesselton. Hesselton's quarry. Granite. 20,000 ft.; 175 days; 10 employes. Steam. Fred. Young, quarry supt.

WOLFBORO, Carroll Co. Pop. 3,020. M.O. Tel. Ry. 82.
Gran.—Boston & Maine Railway Co. Granite.

NEW JERSEY

ABSECON, Atlantic Co. Pop. 501. M.O. Tel. Ry. 110. Banking town Atlantic City.
Gold—Montana Gold Mining Co.

ANDOVER, Sussex Co. Pop. 415. M.O. Tel. Ry. 244. Banking town Newton.
Stone—M. R. Kinney.

AVONDALE, Essex Co. Pop. 500. M.O. Tel. Ry. 598. Banking town Newark.
Stone—Belleville Stone Co. of N. J. Andrew Barr, pres., gen. mgr. and buyer; J. J. Spurr, v. pres.; Robt. Ellin, secy. and treas. Cap. stk. $100,000, pd. up. Sandstone. 30,000 ft.; 300 days; 30 employes. Steam.
Stone—Kocher Bros.
Stone—Passaic Quarry Co.
Stone—A. & A. C. Phillips.

BELVIDERE, Warren Co. Pop. 1,768. M.O. Tel. Ry. 462; 660.
Stone—York & Bittenbender.

BOONTON, Morris Co. Pop. 3,181. M.O. Tel. Ry. 244.
Roll.M.—Boonton Iron & Steel Co. Rolling mill.
Gran.—C. A. D. Camp. Granite.
Almn.—United States Aluminum Metal Co. Aluminum.

BRIDGETON, Cumberland Co. Pop. 13,292. M.O. Tel. Ry. 133; 931.
M.E.—Oberlin Smith, Mechanical Engineer.

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CALIFON, Hunterdon Co. Pop. 334. M.O. Tel. Ry. 133. Banking town Clinton.
Stone—J. S. Cregar. Limestone.
Stone—A. B. Flownerfelt. Limestone.
Stone—Henry Hoffman. Limestone.
Stone—John Wise. Limestone.

CAMDEN, Camden Co. Pop. 63,467. M.O. Tel. Ry. 38; 110; 660; 931.
Atty.—Henry I. Budd, Jr., Counselor at Law, 101 Market st. General practice, State and Federal courts. Company organization, collections and commercial litigation. Reference: National State Bank of Camden. Compiler of Laws of New Jersey for the RECORD.
Smlt.—Ceraboo Mining & Smelting Co.
Phos.—National Phosphate Rock Co.
Gold—Ogden Mining & Smelting Co., 325 Federal st.
Phos.—Standard Rock Phosphate Co.
Phos.—Traymore Rock Phosphate Co.
Phos.—Tygert, Allen, Fertilizer Co. Phosphate.

CHESTER, Morris Co. Pop. 1,000. M.O. Tel. Ry. 133; 244. Banking town Dover.
Stone—L. H. Pierson.

DANVILLE, Warren Co. Pop. 156. M.O. Ry. Great Meadows, 462. Banking town Hackettstown.
Iron—Kispaugh Mining Co.

DEALBEACH, Monmouth Co. Pop. 97. M.O. Ry. 133; 660. Banking town Longbranch.
Stone—Deal Beach Building & Supply Co.

DOVER, Morris Co. Pop. 3,500. M.O. Tel. Ry. 133; 244.
Roll.M.—Dover Iron Co. of New Jersey. Rolling mill.
Iron—Hilliermaus Mining Co.
Stone—J. P. Nevins.
Iron—New Jersey Iron Mining Co. Irondale mines. Steam.
Stone—J. Verner.

ELIZABETH, Union Co. Pop. 44,000. M.O. Tel. Ry. 133; 660.
Met.—Wm. A. Heywood, Metallurgist, 31 3rd st.

FAIRVIEW, Bergen Co. Pop. 480. M.O. Tel. Ry. 598. Banking town Hoboken.
Stone—Van Wagner & Duff, 199 Chambers st., New York. Fairview Stone Works. Trap rock. 260 days; 20 employes; 175 yards crushed stone daily capacity. S. Van Wagner, supt.

FLANDERS, Morris Co. Pop. 469. M.O. Tel. Ry. 133. Banking town Dover.
F.Sand—H. C. Wiggins, M. D., Succasunna. Fire sand. Disintegrated sand rock. Annual output, 2,500 tons; 3 employes.

FLEMINGTON, Hunterdon Co. Pop. 2,087. M.O. Tel. Ry. 133; 465; 660.
Stone—J. H. Murphy.

FRANKLIN FURNACE, Sussex Co. Pop. 913. M.O. Tel. Ry. 603. Banking town Newton.
B.Fur.—Franklin Furnace Co. Blast furnace.
Iron—Franklin Iron Co.
Z.I.—Lehigh Zinc & Iron Co., 925 Chestnut st., Philadelphia, Pa. Lehigh mine. Shaft. Franklinite ore. 500 employes in mine and works.
Zinc—Sterling Iron & Zinc Co., 925 Chestnut st., Philadelphia, Pa. Barker shaft. Franklinite ore. 75 employes. J. A. Van Mater, mine supt.

GERMAN VALLEY, Morris Co. Pop. 519. Tel. Ry. 133. Banking town Dover.
Stone—Edward Weise.
Gran.—J. M. Welch. Granite.

GLEN GARDNER, Hunterdon Co. Pop. 483. M.O. Tel. Ry. 133. Banking town Clinton.
Gran.—Thos. Miller. Granite.

HACKETTSTOWN, Warren Co. Pop. 2,400. M.O. Tel. Ry. 244.
Iron—Warren Iron Co.

HARRISON, Hudson Co. Stat. of Newark. P.O. Pop. 9,674. M.O. Tel. Ry. 244; 660. Banking town Newark.
Roll.M.—Benjamin Atha & Illingworth Co., S. 5th st. Harrison Rolling Mill. 2 30-pot crucibles and 2 open hearth furnaces; 18 forge fires; 12 hammers; one 16, one 12, one 10, two 9, one 8-inch train rolls. Merchant steel. Brand, "Champion." R. H. Illingworth, supt.

HAZEN, Warren Co. Banking town and Ry. Belvidere, 462; 660.
Iron—Belvidere Mining Co.

HIBERNIA, Morris Co. Pop. 1,389. M.O. Ry. 133. Banking town Dover.
Iron—Beach Mining Co.

HIGHBRIDGE, Hunterdon Co. Pop. 739. M.O. Tel. Ry. 133. Banking town Clinton.
Roll.M.—Taylor Iron & Steel Co. Rolling mill.

JERSEY CITY, Hudson Co. Pop. 184,000. M.O. Tel. Ry. 133; 465; 582; 591; 598; 603; 660.
Roll.M.—W. Ames & Co., 312 Washington st. Rolling mill.
Gran.—Bernard Cassidy. Granite.
Stone—L. Houlehan. Bluestone.
Gran.—Wm. Keleher. Granite.
G.S.—Kootenay Mine & Smelter Co., Ltd., 243 Washington st. Gold and silver.
Stone—Robt. Murhead. Bluestone.
R.M.Fur.—Passaic Zinc Co. Rolling mill and blast furnace.
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JERSEY CITY—Continued.
Atty.—Roderick B. Seymour, Attorney at Law, 76 Commercial st. Commercial and Corporation law. Graduate Columbia College, N. Y., 1865. Member New Jersey Bar Association and New York Medico-Legal Society.
Stone—Union Stone Co.

LAFAYETTE, Sussex Co. Pop. 438. M.O. Tel. Ry. 244. Banking town Newton.
Slate—Jones & Williams.
Slate—Owen Rowland.
Slate—Staton & Jones.
LAMBERTVILLE, Hunterdon Co. Pop. 4,620. M.O. Tel. Ry. 660.
Stone—Barbour & Ireland, 1218 Filbert st., Philadelphia, Pa. Trap rock. 30,000 tons. Stone crusher, 200 yds. daily capacity. 300 days.

LEDGEWOOD, Morris Co. Ry. 133. Banking town Dover.
Stone—D. J. Cook.

LITTLEFALLS, Passaic Co. Pop. 990. M.O. Tel. Ry. 244; 591. Banking town Paterson.
Stone—R. & C. Stanley. Trap rock.
Stone—Wright and Lindsley, 29 Cone st., Orange. Great Notch Stone Crushing Works. Trap rock. 100 cubic yards daily capacity. 200 days; 30 employes. Steam.

McAFEE VALLEY, Sussex Co. Pop. 155. Tel. Ry. 462. Banking town Deckertown.
Stone—O. C. Simpson. Limestone.
Lime—Vernon Lime Co. Limestone and lime kilns.
Stone—White Rock Lime & Cement Co. Wm. H. Chardavoyne, pres.; Thos. Rosewall, treas. and gen. mgr. Cap. stk. $50,000, $40,000 pd. up. Limestone. Lime kilns, 325 bbls. daily. 325 days; 30 employes. Horses and mules. W. Rosewall, quarry supt.

MILLBURN, Essex Co. Pop. 1,056. M.O. Tel. Ry. 244. Banking town Orange.
Stone—C. A. Lighthipe.

MINEHILL, Morris Co. Pop. 99. Banking town and Ry. Dover, 133; 244.
Iron—Baker Mining Co.

MONTCLAIR, Essex Co. Pop. 3,150. M.O. Tel. Ry. 244; 591.
Stone—Wright and Lindsley, 29 Cone st., Orange, N. J. Great Notch Stone Crushing Works. Trap rock quarry, 100 cubic yards daily capacity. 200 days; 30 employes. Steam.

NEWARK, Essex Co. Pop. 220,000. M.O. Tel. Ry. 133; 244; 465; 598; 660.
Smlt.—Balbach Smelting & Refining Co.
Machinery—W. A. Crook & Bro.'s Co., 117 to 123 Poinier st. E. R. Carhuff, pres.; Wm. Paul, Jr., v. pres.; V. V. Le Roy, secy.; A. Lambert, treas. and gen. mgr. Cap. stk. $100,000, $42,100 pd. up. Manufacturers of Mining and General Machinery. New York office, 143 Liberty st.
Roll.M.—Harvey Steel Co. Rolling mill.
Roll.M.—Heller & Bros. Rolling mill.
Asbs.—International Asbestos Mining and Manufacturing Co., Ltd., 928 Prudential Bldg.
B.Fur.—New Jersey Zinc & Iron Co. Blast furnace.
G.S.—North Carolina Smelting Co. Gold and silver.
Stone—B. M. & J. F. Shanley.

NEWTON, Sussex Co. Pop. 3,420. M.O. Tel. Ry. 244.
Slate—David B. Hetzel. Newton quarry. 275 days; 5 to 15 employes. Steam.
Slate—Mutton, Anthony & Co.
Slate—Sussex Slate Co.

OGDENSBURG, Sussex Co. Pop. 570. M.O. Tel. Ry. 603. Banking town Newton.
Copp.—Vanderhoff & Sawyer. Copper.

ORANGE, Essex Co. Pop. 23,000. M.O. Tel. Ry. 244; 591.
Stone—T. Nevins & Son.
Stone—J. O'Rourke.
Stone—Wright and Lindsley, 29 Cone st. Crushed stone works at Little Falls and Montclair.

OXFORD, Warren Co. Pop. 800. M.O. Tel. Ry. 244. Banking town Washington.
R.M.Fur.—Oxford Iron & Nail Co. Rolling mill and blast furnace.

PASSAIC, Passaic Co. Pop. 18,000. M.O. Tel. Ry. 244; 598; 603.
Stone—Delaware Valley Bluestone Quarries.

PATERSON, Passaic Co. Pop. 98,000. M.O. Tel. Ry. 244; 598; 603.
Stone—McKiernan & Bergin. Trap rock.
Stone—New Jersey Brownstone Co.
Gran.—Pompton Granite Co. Granite.
Roll.M.—Passaic Rolling Mill Co. Watts Cooke, pres.; W. V. Fayerweather, v. pres. and treas.; A. C. Fairchild, secy. 5 trains rolls, one 9, one 18, one 23, one 28 and one 24-inch Universal. 3 steel and 8 double puddling iron furnaces. 30,000 tons structural iron and steel; 300 days; 800 employes. Steam. J. K. Cooke, mill supt.

PEAPACK, Somerset Co. Pop. 241. M.O. Ry. 244. Banking town Somerville.
Iron—J. Auble.
Stone—Geo. Ballentine, Gladstone.
Lime—Philip Todd. Perry quarry. (Miss Rachel Perry, owner.) Limestone. 2 lime kilns. Annual output, 40,000 bushels.

PHILLIPSBURG, Warren Co. Pop. 9,081. M.O. Tel. Ry. 133; 244; 465; 660.
Roll.M.—American Sheet Iron Co. Rolling Mill.
B.Fur.—Andover Iron Co. Blast furnace.
Roll.M.—Delaware Rolling Mill.
Soap.S.—Lizzie Clay and Pulp Co. M. T. Warne, proprietor. Warne's quarry. Soapstone and talc. 3,000 tons. Water and steam.
Soap-S.—M. T. Warne, propr., Lizzie Clay and Pulp Co. Cap. $25,000. Warne's quarry. Soapstone, talc, etc. 3,000 tons. Water and steam.
Min.P.—C. K. Williams. Mineral paint.

PLAINFIELD, Union Co. Pop. 13,700. M.O. Tel. Ry. 133.
Iron—Forge Hill Mining Co.

POMPTON, Passaic Co. Pop. 470. Tel. Ry. 591; 603. Banking town Paterson.
Roll.M.—Pompton Steel & Iron Co. Rolling mill.

PORT ORAM, Morris Co. Pop. 760. M.O. Tel. Ry. 133; 244; 560a. Banking town Dover.
Iron—Estate of J. Cooper.
Iron—Mount Pleasant Mining Co.
Iron—Port Oram Tunnel Co.
B.Fur.—Wharton Furnace. Blast furnace.
Iron—Joseph Wharton.

RINGWOOD, Passaic Co. Pop. 467. Tel. Ry. 591. Banking town Paterson.
Iron—Cooper and Hewitt, New York.

SCHOOLEYS MOUNTAIN, Morris Co. Pop. 159. M.O. Tel. Banking town and Ry. Hackettstown, 244.
Iron—W. W. Marsh.

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SCOTCHPLAINS, Union Co. Pop. 515. M.O. Ry. Farnwood, 133. Banking town Plainfield.
Stone—Farnwood Stone Co. Trap rock.

SECAUCUS, Hudson Co. Pop. 221. Ry. 244; 598. Banking town Hoboken.
B.Fur.—Secaucus Iron Co. Blast furnace.

SHORTHILLS, Essex Co. Pop. 162. Tel. Ry. 244. Banking town Summit.
Stone—Stewart Hartshorn.

STANHOPE, Sussex Co. Pop. 682. M.O. Tel. Ry. 244. Banking town Newton.
Stone—Thos. J. Allen.
Gran.—Estate of Allen Hugh. Granite.
B.Fur.—Muscontecong Iron Works. Blast furnace.

STOCKTON, Hunterdon Co. Pop. 590. M.O. Tel. Ry. 660. Banking town Lambertville.
Stone—S. B. Tivining, quarries, Yardley, Pa. Prallsville quarries. Sandstone. 15,000 ft.; 200 days; 75 employes. Steam.

SUCCASUNNA, Morris Co. Pop. 411. M.O. Ry. 244. Banking town Dover.
F.Sand—H. C. Wiggins, M. D. Fire sand. Quarry at Flanders, N. J.

TRENTON, Mercer Co. Pop. 63,000. M.O. Tel. Ry. 660; 672.
Slate—American Black Slate Co., 137 E. State st. Lawrence Barden, v. pres.; Geo. A. Westbrook, secy. and buyer; A. V. Robinson, treas.; Richard Conway, supt. Cap. stk. $500,000. Quarry at Benson, Vt.
St.M.—New Jersey Steel and Iron Co. Edward Cooper, pres.; Edwin F. Bedell, secy.; Chas. E. Hewitt, treas. Steel mill. 13 double puddling and 13 heating furnaces, 1 hammer. Steam. Structural material. Jos. Stokes, mill supt.
Roll.M.—J. A. Roebling Sons Co. Rolling mill.
Stone—Trenton Brown Stone Quarrying Co.
Iron-M.—Trenton Iron Co. Abram S. Hewitt, pres.; Wm. Hewitt, v. pres.; E. Hanson, secy.; P. C. Hewitt, treas. 2 puddling and 6 heating furnaces; 2 hammers. Steam. Wire, Wire Rope, Wire Rope Tramways, etc. 280 days; 1,500 employes. New York office, Cooper, Hewitt & Co., 17 Burling Slip.

WELDON, Morris Co. Ry. 133.
Iron—Heckscher & Sons.

WILBURTHA, Mercer Co. Tel. Ry. 660. Banking town Trenton.
Stone—Chas. Keeler. Cap. $20,000. Trenton quarry. Brownstone. 20,000 perch; 275 days; 45 employes. Stone mill. Steam and water.

WOODPORT, Morris Co. Pop. 55. Ry. name Hurd, 133.
Iron—Albert Richards.

NEW MEXICO

ABIQUIU, Rio Arriba Co. Pop. 27. M.O. Ry. Chamita, 249. Banking town Santa Fe.
B.Coal—Montezuma Mining Co.

ALBUQUERQUE, Bernalillo Co. Pop. 5,518. M.O. Tel. Ry. 31; 37.
B.Coal—Crescent Coal Co. E. J. Curson, pres.; C. W. Kennedy, v. pres. and gen. mgr.; C. A. Marriner, secy.; John A. Lee, treas.; F. W. Meyers, buyer. Cap. stk. $1,200,000, pd. up. Mine at Gallup.
B.Coal—Gallup Coal Co.
M.E.Met.—William Jenks, Mining and Metallurgical Engineer, Assayer and Analytical Chemist, 410 W. Lead ave.
Stone—Red Mesa Stone & Flagging Co.
G.S.—Sandia Mining & Smelting Co. Gold, silver, copper and lead. Mine at Sandia City.
C.M.E.—W. O. Secor, Civil and Mining Engineer, 612 N. 6th st.
G.S.—Silver Belt Mg. Co. John L. Andrews, pres.; Frank Thomas, v. pres. and treas.; Alexander Stevens, secy. and gen. mgr. Cap. stk. $200,000, $150,000 pd. up. Gold and silver. Mines at San Pedro.
G.S.—Alexander Stevens. Gold and silver. Mines at San Pedro and Socorro. (Developing.)

ALMA, Socorro Co. Pop. 115. M.O. Banking town and Ry. Silver City, 31.
G.S.—W. P. Funnell. Gold and silver.
G.S.—I. Loggin. Gold and silver.
G.S.—A. R. Louderbaugh. Gold and silver.
G.S.—James McCarthy. Gold and silver. Free ore.

BALDY, Colfax Co. Banking town and Ry. Springer, 31.
G.S.—Claude Mining Co. Gold and silver.
G.S.—Guerilla Gold Mining & Milling Co. P. P. Fanning, pres.; John E. Beringer, secy. and treas.; L. Biddle, gen. mgr. Cap. stk. $200,000, $12,000 pd. up. Guerilla mine. Gold and silver. Shafts, 36 and 40 ft. Tunnels, 110 and 65 ft. Free and refractory ore. 2 employes. 3-stamp mill, 4 tons daily capacity. Concentrator. L. Biddle, mine supt.
Highland Mary mine. Gold and silver. Tunnel, 25 ft. and open cut, 85 ft. Free ore.

BLAND, Bernalillo Co. Ry. Thornton, 31.
G.S.—Crown Point Mining Co. Ben Johnson, pres.; J. D. May, v. pres.; Henry Lockhart, secy., treas., gen. mgr. and buyer. Cap. stk. $1,000,000, pd. up. Crown Point mine. Gold and silver. Shaft, 225 ft. Tunnel, 500 ft. Free and refractory ore. 2,000 tons; 300 days; 12 employes. Horse.
Giant mine. Gold and silver. Shaft, 50 ft. Free and refractory ore. (Developing.)
Bull of the Woods mine. Gold and silver. Tunnel, 25 ft. Henry Lockhart, mine supt. (Developing.)

CARLISLE, Grant Co. Pop. 247. M.O. Ry. Duncan, 22. Banking town Silver City.
G.S.—Bailey & McDonald. Gold and silver.
G.S.—Carlisle Mining Co. Gold and silver.
G.S.—Davenport Bros. W. C. Davenport, gen. mgr. Davenport mine. Gold and silver. Shaft, 175 ft. Tunnel, 200 ft. Free and refractory ore. 2,000 tons; 9 employes. Horse whim.
G.S.—Davenport & McDonald. McDonald mine. Gold and silver. Shaft, 180 ft. Tunnel, 195 ft. Free and refractory ore. 175 tons.
Gold—Golden Leaf Mining Co., Ltd., 8 Drapers Gardens, E. C., London, Eng. John Ball Ball, chairman; Lt. Col. J. F. Stuart Menteth and Thomas Pyke, directors; Henry Cameron Richardson, secy. Cap. stk. $1,750,000, $1,500,000 pd. up. Shaft. Free and refractory ore. Steam. Smelter.
G.S.—H. H. H. Co. E. H. Hinkley, M. E., pres. and gen. mgr.; Wm. Horstmann, v. pres.; G. A. Harlan, secy., treas. and buyer. Cap. $5,000. National Bank mine. Shafts and tunnels. Refractory ore. 50 tons; 125 days; 2 employes.
G.S.—Holmes & Tong. Esmeralda mine. Gold and silver. Shaft. Free ore.
G.S.—J. H. Kestler. Gold and silver.
G.S.—P. H. McDermott.
G.S.—N. H. MacCuistion. Geronimo mine. Gold and silver. Shaft.
G.S.—Steeple Rock Mining Co.
G.S.—Tong, Shinder & Boone. Gold and silver.

CARTHAGE, Socorro Co. Pop. 257. P.O. Fraley. Tel. Ry. 31.
B.Coal—San Pedro Coal & Coke Co.
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CENTRAL, Grant Co. Pop. 257. Banking town and Ry. Silver City, 831.
Gold—St. Helena Mining Co.

CERRILLOS, Santa Fe Co. Pop. 446. M.O. Tel. Ry. name Los Cerrillos, 31. Banking town Santa Fe.
G.S.—M. B. Brown. Gold and silver.
B.Coal—Cerrillos Coal & Iron Co.
S.L.—Cerrillos Mining Co. Silver and lead.
G.S.—W. P. Cunningham. Gold and silver.
G.S.C.—San Pedro Mining, Milling & Prospecting Co., 224 S. Howard st., Akron, O. Eleven claims. Gold, silver and copper. Shafts, 25 to 100 ft. Tunnels, 30 to 100 ft. Free and refractory ore. 200 days; 8 employes. J. C. Giffney, M. E., mine supt.
G.S.—San Pedro & Canon Del Aqua Mining Co. Gold and silver.
G.S.—Daniel F. Taylor. Gold and silver.
B.Coal—Union Coal Co.
B.Coal—White Ash Coal Co.
B.Coal—C. A. Whitehead. (Local.)

CERRO, Taos Co. Pop. 75. Ry. Fort Garland, Colo., 249. Banking town Taos.
G.S.—Allencio Jose La Luz. Gold and silver.
G.S.—Danucon Archuleta. Gold and silver.
Lead—Antonio Quintana.
G.S.L.—John H. Young. Gold, silver and lead.

CHAMA, Rio Arriba Co. Pop. 420. M.O. Tel. Ry. 249. Banking town Durango, Colo.
Copp.—Broad & Craig. Copper.

CHLORIDE, Sierra Co. Pop. 341. M.O. Ry. Engle, 31. Banking town Hillsboro.
G.S.—Black Knight Mining Co. Gold and silver.
G.S.C.—E. P. Blinn. Gold, silver, copper and lead. Shaft. Tunnel. Free and refractory ore.
G.S.—J. S. Brown. Gold and silver.
G.S.C.—Chloride Mining & Reduction Co. Gold, silver and copper. Apache, St. Cloud, Mayflower and Atlantic mines. Shaft. Refractory ore.
G.S.—Austin Crawford. Gold and silver.
S.C.—Jas. Daghst. Bonanza mine. Silver and copper.
Gold—John Fulton. Shafts and tunnel.
G.S.—Louis Kruse. Cliff mine. Gold and silver. Shaft.
G.S.—Kruse & Beeson. Goodenough and Extension mines. Gold and silver.
G.S.—H. A. McGowan. Gold and silver.
G.S.—Midnight Mining Co., 103 Granite Bldg., St. Louis, Mo. Midnight and Tidal Wave mines. Gold and silver. Shafts, 220 ft. Refractory ore. (Idle.)
G.S.—W. Peterson. Gold and silver.
Silv.—H. E. Rickert. Rudicon mine. Silver. Tunnel.
G.S.—W. O. Thompson. Gold and silver.

COOKS, Grant Co. Ry. Florida, 31. Banking town Deming.
S.L.—Flower Queen Mining Co. John Corbett, pres.; S. Lindauer, v. pres.; Wm. Hudson, secy.; G. Wormser, treas.; U. E. McDaniel, gen. mgr. and buyer. Cap. stk. $150,000, pd. up. Flower Queen mine. Silver and lead. Shaft, 250 ft. Tunnel, 970 ft. Free ore. 960 tons; 240 days; 3 employes. Steam. Concentrator, 25 tons daily capacity. U. E. McDaniel, mine supt.
S.L.—U. E. McDaniel. Lead King mine. Silver and lead. Shaft, 150 ft. Smelting ore. 300 tons; 300 days; 3 employes.
S.L.—Oustot & Overton. Silver and lead.
S.L.—Shutz Bros. Silver and lead.
Lead—Peter Sprey.
S.L.—Teel & Poe. Silver and lead.
S.L.—Terrill Bros. Aztec and Commodore mines. Silver and lead. Shaft.

COONEY, Socorro Co. Pop. 206. M.O. Banking town and Ry. Silver City, 31.
Silv.—Confidence Mining Co. Silver.
Silv.—Last Chance Mining Co. Silver.
Silv.—Little Fanny Mining Co. Silver.
Silv.—Silver Twig Mining Co. Silver.

DEMING, Grant Co. Pop. 1,136. M.O. Tel. Ry. 31; 841.
S.L.—A. V. Bailey. Silver and lead.
Smlt.—Deming Ore Co. Smelter.
G.S.—S. Lindauer. Gold and silver.
G.S.—Steins Pass Mining & Reduction Co. Gold and silver.

ELIZABETHTOWN, Colfax Co. Pop. 127. M.O. Banking town and Ry. Springer, 31.
Gold—Wm. Fulbright. Baldy and Texas mines. Shaft.

FAULKNER, Sierra Co. Ry. Lake Valley, 31.
G.S.—Ryan & Lannon. Gold and silver. Mines at Hillsboro.

FORT STANTON, Lincoln Co. Pop. 253. M.O. Tel. Ry. San Antonio, 31. Banking town White Oaks.
B.Coal—J. M. Banister. (Local.)
B.Coal—Seaborn Gray. (Local.)
B.Coal—Pioneer Coal Co. Drift. (Local.)
B.Coal—John Rether. (Local.)

FRISCO, Socorro Co. Banking town and Ry. Magdalena, 31.
G.S.—J. W. Jones & Co. Gold and silver.
G.S.—Kentson, Moses & Co. Gold and silver.

FRUITLAND, San Juan Co. Ry. Durango, Col., 249. Banking town Aztec.
B.Coal—Coolidge Coal Co. Drift. (Local.)

GALLUP, Bernalillo Co. M.O. Tel. Ry. 37. Banking town Albuquerque.
B.Coal—Aztec Coal Co.
B.Coal—Beacon Hill Coal Co.
B.Coal—Caledonian Coal Co. Caledonian mine. Slope. Steam.
B.Coal—Crescent Coal Co., Albuquerque. Gallup mine. Slope. Tunnel, 3,500 ft. 123,827 tons; 188 days; 200 employes. Steam.
Black Diamond mine. Slope. Tunnel, 2,000 ft. 105,130 tons; 198 days; 185 employes. Steam. Hugh McGinn, mine supt.
B.Coal—Crown Point Coal Co.
B.Coal—Los Angeles Coal Co.
B.Coal—Gus. Mulholland. (Local.)

GEORGETOWN, Grant Co. Pop. 409. M.O. Ry. Hanover, 831. Banking town Silver City.
Silv.—Berry & Sibold. Silver.
Silv.—J. H. Bragan. Silver.
S.L.—Bragan & Potter. Silver and lead.
Silv.—Drax Mining Co. Silver.
Silv.—Georgetown Improvement Co. Canon City, Colo. Silver King mine. Silver. Shaft, 350 ft. Free ore. 3,000 tons; 300 days; 176 employes. Steam. Stamp mill. Edw. Clark, mine supt.
S.L.—Knight Bros. Buena Vista mine. Silver and lead. Shaft. Tunnel. Horse.
Silv.—Mimbres Consolidated Mining Co. Silver. Shaft. Slopes.
G.S.—George Sivold, Canon City, Colo. Quien Sabe mine. Gold and silver. Shaft, 100 ft. Free ore. 1,000 tons; 300 days; 50 employes. Steam. Ten-stamp mill, 20 tons daily capacity. C. C. Miller, mine supt.

GOLDEN, Santa Fe Co. Pop. 45. Ry. Cerrillos, 31.
Gold—Fitzgerald Mining & Milling Co. (Col. C. C. Fitzgerald.)
G.S.—T. L. Frazius. Gold and silver.
G.S.—John T. Kelly. Gold and silver.
G.S.—J. B. May. Gold and silver.
G.S.—Geo. Morrison. Gold and silver.
G.S.—Santa Fe Copper Co. Gold and silver.
G.S.—Frank White. Gold and silver.

GOLDHILL, Grant Co. Pop. 15. Ry. Lordsburg, 841. Banking town Deming.
G.S.—Joseph Billings. Gold and silver.
G.S.—John Bragaw. Gold and silver.
G.S.—D. R. Cunningham. Gold and silver.
G.S.—Giddings Bros. Gold and silver.
G.S.—Geo. Hughes. Gold and silver.
G.S.—Henry Keal. Gold and silver.
Gold—C. S. Kellum. Engineer mines. Shaft.
G.S.—H. C. Myers. Gold and silver.
G.S.—Jas. Patterson. Gold and silver.
G.S.—Henry Schroeder. Gold and silver.
G.S.—Snyder Bros. Gold and silver.
Gold—Jas. Sterling.
G.S.—E. E. & I. O. Toney. Gold and silver.
G.S.—A. E. Walker. Gold and silver.
Gold—Geo. H. Ward. Gold Dollar mine.
G.S.—Wm. Werney. Gold and silver.
G.S.—J. O. Williams. Gold and silver.
Gold—Wood & Gregory, Silver City. Golden Bell, Bobtail Nos. 1 and 2 and Gold Belt mines. Gold. Shafts. Slopes. Free ore. 3,600 tons. J. B. Gregory, M. E., mine supt. (Developing.)

GRAFTON, Sierra Co. Pop. 26. Ry. Engle, 31.
G.S.—M. Morgans, Lake Valley. Ivanhoe mine. Gold and silver. Shaft, 300 ft. Tunnel, 100 ft. Free ore. 150 days; 4 employes.

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GRAHAM, Socorro Co. Ry. Silver City, 31.
G.S.—Helen Mining Co., Denver, Colo. Confidence mine. Gold and silver. Shaft, 400 ft. Tunnel, 1,400 ft. Free ore. 24,000 tons; 300 days; 65 employes. Sixty-stamp mill, 70 tons daily capacity. Steam and water. Hugh Price, mine supt.

GRAY, Lincoln Co. Ry. Fraley, 31.
B.Coal—S. T. Gray. (Local.)

HACHITA, Grant Co. Ry. Separ, 841. Banking town Silver City.
Silv.—John E. Abbott. Silver.
S.L.—American Mining Co. Silver and lead.
Silv.—S. Burwell. Silver.
S.L.—Wm. Catlin. Silver and lead.
Silv.—W. A. Patton. Silver.
S.L.—Wasp Mining Co. Wasp mine. Silver and lead. Free and refractory ore.

HADLEY, Grant Co. (P.O. Cooks.) Ry. Florida, 31.
G.S.L.—Cooks Peak Mining Co. Graphic and other mines. Gold, silver and lead. Shaft. Refractory ore.

HERMOSA, Sierra Co. M.O. Ry. Engle, 31. Banking town San Marcial.
Gold—Homestake Mining Co.
Silv.—Lewis & Doran. Lewis mine.

HILLSBORO, Sierra Co. Pop. 511. M.O. Ry. Lake Valley, 31.
G.S.—Brooks & Clark. Gold and silver.
G.S.C.—Copper King Mining Co. Gold, silver and copper.
G.S.C.—J. H. Crane. Black Peak mine. Gold, silver and copper. Shafts. Tunnel.
G.S.—Dickey & Larmy. Gold and silver.
Gold—El Oro Mining & Milling Co., St. Louis, Mo. Cap. stk. $100,000. Golden Rule and Satisfaction mines. Shaft, 200 ft. Free ore. 15 employes. Steam.
G.S.—Good Hope-Bonanza Mining Co., St. Louis, Mo. Good Hope-Bonanza mine. Gold and silver. Tunnel, 1,600 ft. Free and refractory ore. 3,600 tons; 360 days; 20 employes. Steam. Stamp mill. Louis Schafer, mine supt.
G.S.—Hirsch & Roche. Gold and silver.
G.S.—W. S. Hopewell. Gold and silver.
G.S.—C. L. Larson.
G.S.C.—Milwaukee & Hillsborough Mining Co., 321-325 4th st., Milwaukee, Wis. "85" mine and 13 others. Gold, silver and copper. Shaft, 325 ft. Free and refractory ore. 3,000 tons; 300 days; 10 employes. Steam. Owen McDonald, M. E., mine supt.
G.S.C.—J. P. Mitchell. Gold, silver and copper.
Marb.—Owen, McDonald & Arend. Statue quarry. Marble.
Atty.—Frank W. Parker, Attorney at Law. Mining and Corporation law.
G.S.—G. O. Penault. Gold and silver.
G.S.—W. C. Purple. Gold and silver.
Gold—Richmond Mining & Milling Co.
G.S.C.—Ryan & Lannon, Faulkner. Happy Jack mine. Gold. Shaft, 125 ft. Tunnel, 400 ft. Free and refractory ore. 180 tons; 200 days; 2 employes. Horse whim. Under bond for $20,000.
Belle Isle mine. Gold. Shaft, 50 ft. Tunnel, 100 ft. Free ore. 100 tons; 150 days; 2 employes. Windlass. Under bond for $5,000.
Montreal and Crown Point mine. Gold, silver and copper. Shaft, 50 ft. Tunnel, 120 ft. Refractory ore. 170 tons; 88 days; 2 employes. Windlass.
G.S.—Smith & Mitchell. Azarite mine. Gold, silver and copper. Shaft and tunnel.
Gold—Standard Gold Mining Co., Minneapolis, Minn. Shaft. Free and refractory ore. Steam.
G.S.—A. M. Story. Gold and silver.
G.S.—J. M. Webster. Gold and silver.
Gold—A. J. Wirsch. Cincinnati mine. Shaft and tunnel.

IVANHOE, Grant Co. Ry. Hanover, 841.
C.L.—American Zinc-Lead Co., 54 Mason Bldg., Boston, Mass. Ivanhoe mine. Copper and lead. Shaft, 150 ft. 3,500 tons; 300 days; 10 employes. Steam. C. H. Curtis, mine supt.
Silv.—New Mexico & Arizona Silver Mining Co. Silver.
Smlt.—New Mexico & Arizona Smelter.

JEWETT, San Juan Co. Pop. 66. Ry. Durango, Colo., 249.
Coal—Winfield S. Mitchell. (Local.)

JUANTAFOYA, Valencia Co. Ry. Laguna, 31.
G.S.—Juan Ansures. Gold and silver.
G.S.—Manuel Ansures. Gold and silver.
G.S.—Serillo Ansures. Gold and silver.
G.S.—Gadalupa Barreras. Gold and silver.
G.S.—Moline Benseslado. Gold and silver.
G.S.—Bitaneu Bitoriana. Gold and silver.
G.S.—Guidero Borrevas. Gold and silver.
G.S.—Manuel Cassiar. Gold and silver.
G.S.—Cassiar Enlopes. Gold and silver.
G.S.—Malina Enlopes. Gold and silver.

JUANTAFOYA—Continued.
G.S.—Silbestre Gabaldon. Gold and silver.
G.S.—Justinano Garejo. Gold and silver.
G.S.—Seferino Garejo. Gold and silver.
G.S.—Friedro Griego. Gold and silver.
G.S.—Morestina Hutieres. Gold and silver.
G.S.—Jesus Juan de Malina. Gold and silver.
G.S.—Baca Libuto. Gold and silver.
G.S.—Caemiro Lusero Gold and silver.
G.S.—Benedicto Marques. Gold and silver.
G.S.—Duedero Marques. Gold and silver.
G.S.—Estoliana Marques. Gold and silver.
G.S.—Jesus Marques. Gold and silver.
G.S.—Juan Rey Marques. Gold and silver.
G.S.—Secundino Martiner. Gold and silver.
G.S.—Rumaldo Mayo. Gold and silver.
G.S.—Arnado Molina. Gold and silver.
G.S.—Elias Molina. Gold and silver.
G.S.—Jermin Molina. Gold and silver.
G.S.—Jose Romola Molina. Gold and silver.
G.S.—Baca Pedro. Gold and silver.
G.S.—Jose Moya Pedro. Gold and silver.
G.S.—Ramon Pevna. Gold and silver.
G.S.—Molina Juan Raface. Gold and silver.
G.S.—Ambrosio Sanchez. Gold and silver.
G.S.—Manuel Torres. Gold and silver.
G.S.—Fermin Torres. Gold and silver
G.S.—Molina Vidal. Gold and silver.

KELLY, Socorro Co. Pop. 196. P.O. and Banking town Magdalena. Ry. 31.
Copp.—Ben Bishop. Copper.
Copp.—I. S. Church. Copper.
Copp.—Connelly Bros. Copper.
S.L.—Daniel DeGracia. Maverick mine. Silver and lead.
Copp.—J. M. Dendy. Copper.
Copp.—Kern Foley. Copper.
Copp.—W. A. Graham. Copper.
Lead—Graphic Mg. Co. Shafts, tunnels. Steam.
S.L.—Ida Hill Mg. Co. Silver and lead.
Silv.—Keeler Smelting & Tramway Co. Iron Mask mine. Silver. Shafts. Tunnels.
Copp.—Jas. McGee. Copper.
Copp.—Mullen & Krewitz. Copper.
S.L.—H. A. Olson. Pride of the West mine. Silver and lead.
Copp.—C. M. Over. Copper.
S.L.—Runner & Williams. Tower mines. Silver and lead.
Copp.—David Scott. Copper.
Copp.—Peter Strozzi. Copper.

KINGSTON, Sierra Co. Pop. 633. M.O. Ry. Lake Valley, 31. Banking town Hillsboro.
G.S.—Black Colt Mining Co., 99 Nassau st., New York. Black Colt mine. Gold and silver. Shaft, 210 ft. Free ore. R. J. Hilligert, mine supt.
G.S.—S. S. Call. Gold and silver.
S.L.—Frank Campbell. Silver and lead.
M.E.—John Crawford, M. E. Consulting Engineer for Arizona, Colorado, Nevada, Montana, New Mexico and Mexico. Fellow of the Geological Society, London, England.
Silv.—Cumberland Mining Co. Silver.
Silv.—J. Drummond. Silver.
S.L.—Eclipse Silver Mining Co., Belleville, Ill. Eclipse mine. Silver and lead. 5 shafts, 35, 50, 86, 95 and 150 ft. 2 tunnels, 100 and 175 ft. Free ore. Steam.
Silv.—Enterprise Mining Co. Silver.
S.L.—Gray Eagle Mining Co. Silver and lead.
G.S.—Col. A. W. Harris. Gold and silver.
Silv.—R. J. Hill. Silver.
S.L.—Holy Terror Mining Co., 777 Water st. J. M. Evans, pres.; C. T. Barr, v. pres. and gen. mgr.; A. A. Evans, secy.; M. C. Evans, treas.; Maurice Hickey, foreman. Cap. stk. $150,000, $85,000 pd. up. Holy Terror mine. Silver and lead. Tunnel, 850 ft. Refractory ore. 10 employes. James E. McArdle, mine supt.
G.S.—Illinois Mining Co. Gold and silver.
G.S.—A. Kinney. Gold and silver.
Silv.—Aug. Reinhardt. Silver.
G.S.—Templar Mining Co. Gold and silver.
G.S.—Virginia Mining Co. Gold and silver.

LABELLE, Taos Co. Ry. Fort Garland, Colo., 249.
Gold—Boston Gold Mining Co. Gold.
G.S.—Keystone Mining Co. Gold and silver.
G.S.—Keystone Tunnel & Mining Co., Raton. Gold and silver. H. J. Luce, mine supt.

LAKE VALLEY, Sierra Co. M.O. Tel. Ry. 31. Banking town Hillsboro.
G.S.—Clay, Thompson & Watts. Silver King mine. Gold and silver. Tunnel, 3,000 ft. Refractory ore. 2 employes.
G.S.—W. Cotton. Gold and silver.
G.S.—G. A. Hammell. Gold and silver.
G.S.—Tom Handell. Gold and silver.
G.S.—Ike Knight. Gold and silver.
Silv.—Lake Valley Silver Mining Co., Philadelphia, Pa. Silver. 300 days; 15 employes. Stamp mill, 20 tons daily capacity. Operate 13 miles of ry., 1 locomotive, 3 cars. Henry Schmidt, mine supt.
S.M.—James McKenna. Silver and manganese. Mine at Stone Cabin.
G.S.—M. Morgans. Gold and silver. Mine at Grafton.
G.S.—Pierce, Thompson & Watts. Silver Tail mine. Gold and silver. Shafts, 1,500 ft. Smelting ore. 2 employes.
G.S.—S. A. Shelenberg. Gold and silver.
Silv.—Silver Mg. Co. of Lake Valley, N. Mex. John B. Mellor, pres.; J. Morris Perot, v. pres.; Francis Bacon, secy.; William C. Smith, treas.; Henry A. Schmidt, gen. mgr. Cap. stk. $500,000. Fourteen claims. Silver. 50 shafts. Refractory ore. (Idle.)
Silv.—Miles Standish. Silver. Refractory ore. 300 tons; 300 days; 2 employes. James Finch, mine supt.
G.S.—T. A. Tate. Gold and silver.
G.S.—Thompson & Watts. Silver Bell mine. Gold and silver. Tunnel, 1,000 ft. (Idle.)
G.S.—F. Wedgwood. Gold and silver.
G.S.—J. L. Williams. Gold and silver.

LAPLATA, San Juan Co. Pop. 50. Ry. Durango, Colo., 249. Banking town Aztec.
B.Coal—Daniel Rhoads. (Local.)

LAS CRUCES, Donna Ana Co. M.O. Tel. Ry. 31.
G.S.—E. Canera. Gold and silver.
G.S.—Inter Republic Gold & Silver Mining Co. Gold and silver.
Lead—Lawrence Lapoint. Shaft.
S.L.—Schreiner Mining Co. Silver and lead.
S.L.—Stephenson Bennett Consolidated Mining Co. Silver and lead.

LAS VEGAS, San Miguel Co. Pop. 2,385. M.O. Tel. Ry. 31.
Silv.—Free Coinage Mining Co. Silver.
Gold—Jicarilla Placer Mining Co. L. Emmett, pres.; M. A. Otero, v. pres.; R. L. M. Ross, secy.; E. G. Murphey, treas. Cap. stk. $1,000,000. Gold. Mine at White Oaks.
G.S.—Las Vegas & Kingston Mining & Improvement Co. Gold and silver.

MAGDALENA, Socorro Co. Pop. 210. M.O. Tel. Ry. 31.
G.S.—K. Foley. Gold and silver.
G.S.L.—Shepard Lewis. Gold, silver and lead.

MALONE, Grant Co. P.O. Goldhill. Ry. Lordsburg, 841.
G.S.—Knott, Noel & Noel. Horseshoe mine. Gold and silver.

MIDNIGHT, Taos Co. Pop. 300. Ry. Fort Garland, Colo., 249.
Gold—Harvey Finch. Midnight mine. Shaft, 200 ft. Free ore. 350 tons; 300 days; 50 employes. Steam.
Gold—Harry L. Thompson. Cap. $10,000. Edison mine. Tunnel, 300 ft. Free ore. 250 tons; 300 days; 25 employes. Steam.

MOGOLLON, Socorro Co. M.O. Banking town and Ry. Silver City, 31.
M.E.Met.—Carl Anderson, Mining and Metallurgical Engineer.
G.S.—Helen Mining Co. Gold and silver.

MONERO, Rio Arriba Co. Tel. Ry. 249. Banking town Durango, Colo.
Coal—Angel Coal Co.
B.Coal—Monero Coal Co. Monero mine. Slope. Steam.

NOGAL, Lincoln Co. Pop. 93. M.O. Tel. Ry. San Antonio, 31. Banking town White Oaks.
B.Coal—Waverly Johnson. (Local.)
G.S.L.—Nogal & Bonito Mining & Milling Co., St. Louis, Mo. Fifty patented claims. Gold, silver and lead. Shaft, 160 ft. Refractory and free ore. (Developing.)
B.Coal—R. J. Nugent. Cap. $2,000. Nugent mine. Tunnel, 200 ft. 150 tons. (Local.)

OLIO, San Juan Co. Ry. Durango, Colo., 249. Banking town Aztec.
B.Coal—Walter Stevens. Stevens mine. Tunnel. (Local.)

ORGAN, Donna Ana Co. Pop. 31. Banking town and Ry. Las Cruces, 31.
G.S.—Davis Bros. Gold and silver.
Silv.—A. J. De Menles. Eclipse mine. Silver.
Lead—Gibbs & Edson. Comstock mine. Shaft. Refractory ore.
S.L.—J. I. & E. H. Hufford. Silver and lead.
G.S.—David King. Gold and silver.
G.S.—D. McCowen. Gold and silver.
S.L.—A. A. McLaughlin. Burt mine. Silver and lead.
Gold—Mormon Mining Co. Mormon mine. Gold.
S.L.—Ohio Mining Co. Old Climax mine. Silver and lead. Tunnel.

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ORGAN—Continued.
S.L.—E. L. Redding. Crystal mine. Silver and lead.
Silv.—Smith & Watson. Beulah mine. Shafts. Silver.
S.L.—John B. Thompson. Mary Anderson mine. Silver and lead.

PINOS ALTOS, Grant Co. Pop. 870. M.O. Banking town and Ry. Silver City, 31.
Gold—Bell & Stephens. N. Bell, gen. mgr. Pacific and Ohio mine. Gold. Shaft, 335 ft. Tunnel, 1,000 ft. Concentrating ore. 5,000 tons; 300 days; 16 employes. Steam. Frue Vanner concentrator. 10-stamp mill, 20 tons daily capacity. N. Bell, mine supt.
Silv.—Dimmick Bros. Silver Cell mine. Silver. Shaft and tunnel.
G.S.L.—Hesberger, Everts, Osborn & Spils. Eastern, Western and Eldorado mines. Gold, silver and lead. Shafts.
Gold—Houston & Thomas. Shaft. Gold.
G.S.—R. V. Newsham. Gold and silver.
G.S.—Robinson & Christman. Cap. $1,000. Little Pacific mine. Gold, silver, lead and iron. Tunnel, 100 ft. Free and refractory ore. 300 tons; 300 days; 3 employes.
G.S.—Wm. Skillicon. Pacific No. 2 mine. Gold and silver.
G.S.—H. H. Stanley. Gold and silver.

QUESTA, Taos Co. Ry. Fort Garland, Colo., 249. Banking town Taos.
S.L.—V. C. Gillett. Silver and lead.
Lead—Seferino Lara. Lead.
G.S.—G. W. Payne. Gold and silver.
G.C.—Red River Mining Co. Red River mine. Tunnel. Gold and copper.
G.S.—E. S. Redding. Gold and silver.

RATON, Colfax Co. Pop. 1,255. M.O. Tel. Ry. 31.
G.S.—Four Creeks Mining Co. Gold and silver.
Coal—J. A. Hunt. (Local.)
G.L.—Keystone Tunnel & Mining Co. J. Leahy, pres.; C. A. Cartwright, v. pres.; P. H. Smith, secy.; G. S. Breisford, treas. Cap. stk. $1,000,000, $640,000 pd. up. Gold and lead. Mine at Labelle.
B.Coal—Sugarite Coal Co.
G.S.—Virginia Consolidated Mining Co. Gold and silver.

SAN ANTONIO, Socorro Co. Pop. 127. M.O. Tel. Ry. 31.
Mica—Henry Callard.
G.S.—J. G. Fawcett. Gold and silver.
G.S.—E. Montayo. Gold and silver.
G.S.—W. E. Palmer. Gold and silver.
G.S.—G. J. Wolfinger. Gold and silver.

SANDIA CITY, Bernalillo Co. P.O. and Ry. Albuquerque, 31.
G.S.C.L.—Sandia Mining & Smelting Co., Albuquerque. Sandia mine. Gold, silver, copper and lead.
S.L.—John W. Crawford. Silver and lead.
Silv.—Fred. W. Keith. Silver.
S.L.—Simon Leyser. Silver and lead.
Gold—Rosedale Mining Co. Gold.

SAN PEDRO, Santa Fe Co. Pop. 835. M.O. Ry. Mathis, 788. Banking town Santa Fe.
Gold—Galena Hill Mining Co. Six claims. Gold.
G.S.—Gold Eagle Mining Co. Gold and silver.
Copp.—San Pedro Copper Co. Copper.
Gold—San Pedro Gold Mining Co.
G.S.L.—Silver Belt Mg. Co., Albuquerque. Silver Bell, Homestake and Lucky No. 2 mines. Gold, silver and lead. Double compartment timbered shaft, 150 ft. Dry fluxing ore. Horse. (Developing.)
G.S.L.—Alexander Stevens, Albuquerque. Stevens mine. Gold, silver and lead. Shaft. Dry fluxing ore. (Developing.)

SANTA FE, Santa Fe Co. Pop. 6,185. M.O. Tel. Ry. 31; 733a.
G.S.—John D. Allen. Gold and silver.
Onyx—Aztec Onyx Co.
G.S.—Cash Entry Mining Co. Gold and silver.
G.S.—Lone Star Mining Co. Gold and silver.
G.S.—Pinion Mining Co. Gold and silver.
Gold—Santa Fe Placer Mining Co.
Atty.—John S. Thompson. Mining attorney.

SANTA RITA, Grant Co. Ry. Silver City, 31.
S.C.—Anson Silver & Copper Mining Co. Silver and Copper.

SILVER CITY, Grant Co. Pop. 2,102. M.O. Tel. Ry. 31.
Gems—Azure Mining Co., 172 Broadway, New York. Precious stones. Turquoise mine. Turquoise stones. Shafts and tunnels. Felix A. Vogel, M. E., mine supt. Mine located at Azure Camp, near Silver City.
G.S.—Galloway & Alexander. Gold and silver.
G.S.—Hanover Improvement Co. Gold and silver.
G.S.—Lone Mountain Mining Co. Gold and silver.
G.S.—Manhattan Gold Co. Gold and silver.
Iron—Wm. H. Newcomb. Union, Hartburn and Iron Head mines. Hematite ore.

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SILVER CITY—Continued.
Gold—Pacific Gold Mining Co. Gold.
G.S.—Steeple Rock Mining Co. Gold and silver.
Gold—Wood & Gregory. G. N. Wood, treas.; J. B. Gregory, mgr. and buyer. Mine at Gold Hill.

SOCORRO, Socorro Co. Pop. 3,829. M.O. Tel. Ry. 31.
B.Coal—J. J. Bacco. (Local.)
S.L.I.—C. T. Brown. Magdalena Queen and Mountain Key mines. Silver, lead and iron.
Silv.—W. H. Byerts. Silver.
S.L.—Wm. DeGroot. Silver and lead.
S.L.—Tom Dorsey. Silver and lead.
G.S.—Jos. I. Eaton. Gold and silver.
Atty.—James G. Fitch, attorney at law. Mining litigations.
Stone—J. B. Fraley.
G.S.—Wm. M. Glasson. Group of six claims. Gold and silver. Shaft, 192 ft. Tunnel, 340 ft. Free ore. Horse. 100 tons daily capacity. (Developing.)
G.S.L.—R. E. Leeson, 340 Court st. St. Vincent mine. Gold, silver and lead. Shaft, 183 ft. Tunnel, 92 ft. Refractory ore. (Idle.)
G.S.—L. J. McCullough. Gold and silver.
G.S.—A. L. Mann. Gold and silver.
G.S.—Merritt Mining & Milling Co. Merritt mine. Gold and silver. Tunnel. Free ore.
Smlt.—Rio Grande Smelting Works.
G.S.—J. M. Robinson. Gold and silver.
Geol.—W. H. Seamon, Geologist and Chemist. Director New Mexico School of Mines.
G.S.—J. S. Sniffen. Gold and silver.
G.S.—C. H. Sperling. Gold and silver.
Gold—Alexander Stevens, Albuquerque. Duke City mine. Shaft. Free ore. (Developing.)
Silv.—Geo. H. Thwaite. Silver.
Smlt.—Billing's Smelter. (Jos. Billings, proprietor.)

STEINS PASS, Grant Co. Pop. 35. Tel. Ry. 841. Banking town Deming.
G.S.—Beck Mining Co. Beck mine. Gold and silver. Open pit. Steam.
G.S.—T. R. Brandt. Gold and silver.
G.S.—Holling Bros. & Friedwald. Gold and silver.
G.S.—P. B. Smith. Volcano mines. Gold and silver.
G.S.—Chas. W. Thomas. Gold and silver.

STONE CABIN, Sierra Co. Ry. Lake Valley, 31.
S.Man.—James McKenna, Lake Valley. Silver and manganese. Refractory ore. 300 days; 3 employes.

TAOS, Taos Co. Pop. 306. M.O. Ry. Embudo, 249.
G.S.—Bennett & Miller. Gold and silver.
Gold—Chas. H. Berry. Rio Grande mine. Gold.
G.S.—L. W. Brown. Gold and silver.
B.Coal—Elfego Martinez. Tunnel, 100 ft. 2 employes. (Local.)

TIERRA BLANCA, Sierra Co. Ry. Lake Valley, 31.
G.S.—Kenny Bros., Johnson & Sly. Log Cabin mine. Gold and silver.

TRES PIEDRAS, Taos Co. Pop. 109. M.O. Tel. Ry. 249.
G.S.—Geo. B. Berry. Gold and silver.

WHITE OAKS, Lincoln Co. Pop. 385. M.O. Ry. San Antonio, 31.
Stone—Best & Schell.
Gold—Jicarilla Placer Mining Co., Las Vegas. Seventeen placer claims. Leased to W. H. H. Llewellyn and F. W. Smith, of Las Cruces.
Gold—Lady Godiva Mining Co. Lady Godiva mine. Gold. Shaft. Free ore. Steam.
Gold—North Homestake Mine. Gold. (W. H. Yankee, operator.) Cap. stk. $500,000.
Gold—Old Abe Mine. John G. Hewitt, pres.; Wm. Watson, v. pres.; F. J. Sager, secy., treas. and buyer; M. W. Hoyle, gen. mgr. Cap. stk. $1,200,000, pd. up. Shaft. Free ore. Capacity, 15,000 tons; 50 employes. 20-stamp mill. M. W. Hoyle, mine supt.
M.E.—Morris B. Parker, Consulting and Mining Engineer.
Coal—Wells & Parker Coal Mine. Semi-anthracite coal. Rolla Wells, pres.; E. W. Parker, gen. mgr. 5,000 tons; 10 employes.
Gold—White Oaks Mining Co., 509 Olive st., St. Louis, Mo. Homestake and two other claims. Shafts, 600 ft. Free ore. 12,000 tons; 300 days; 40 employes. 20-stamp mill, 40 tons daily capacity. Steam. E. W. Parker, mine supt.
B.Coal—Watson & Lund. (Local.)
Iron—Zicarilla Iron Mining Co., East Las Vegas. Zicarilla mine. Hematite ore. Shaft.

WHITEWATER, Donna Ana Co. P.O. and Ry. Las Cruces, 31.
Iron—A. E. Dawson.
Iron—J. B. Gilchrist.
G.S.—Julius Willinghauser. Gold and silver.

NEW YORK

ACCORD, Ulster Co. Pop. 352. M.O. Tel. Ry. Rosendale, 918. Banking town Kingston.
M.Stone—Esopus Millstone Co., 328 Wall st., Kingston. 90 millstones. A. Hayes, operator.

ALBANY, Albany Co. Pop. 95,000. M.O. Tel. Ry. 81; 243; 596; 932.
Stone—W. T. Brickner.
St.Gr.—Charles Brooksby. Stone and granite.
Stone—Laurence Casey.
Stone—D. H. Chaddon & Co.
Gran.—Empire Granite Co. Quarry at Barre, Vt.
Stone—H. Finkle.
Stone—Wm. Fuller & Sons, foot Columbia st.
Geol.—James Hall, M.D., L.L.D., 225 Morton st. State Geologist and Paleontologist of the State of New York. Graduate of Rensselaer Polytechnic Institute, Troy, N. Y. Member American Association for the Advancement of Science; Geological Society of America; National Academy of Sciences; Geological Society of London, and British Association for the Advancement of Science.
Stone—E. L. Jones.
Stone—F. Kilcher & Co.
Stone—Lorenz Kirchner.
Stone—McLean Granite Works.
Stone—A. McMurray & Son.
B.Coal—H. E. Melins.
Gran.—James Reilly. Granite.
Gran.—Shilling Granite Works.
Stone—W. P. Smith.
Stone—John Snaitt.
Gran.—Swain Monumental Co. Granite.
Stone—John Zeiser.

ALBION, Orleans Co. Pop. 4,586. M.O. Tel. Ry. 596.
Stone—Albion Stone Co.
Stone—Gilbert Brady.
Stone—Chadwick Bros.
Stone—Goodrich & Clark Stone Co. Sandstone.
Stone—Martin Scanlon. Medina quarry. Sandstone. 20,000 ft. curb and cross-walk; 500 cords paving blocks; 200 days; 30 employes. Steam.
Atty.—W. C. Ramsdale, Attorney at Law.

AMENIA, Dutchess Co. Pop. 967. M.O. Tel. Ry. 596.
Iron—London Iron Co.

AMSTERDAM, Montgomery Co. Pop. 17,336. M.O. Tel. Ry. 596; 932.
Stone—Hewitt Bros.

ANCRAM LEAD MINES, Columbia Co. Pop. 88. Tel. Ry. 706. Banking town Pinegrove.
Iron—California Iron & Ore Co.

ANTWERP, Jefferson Co. Pop. 912. M.O. Tel. Ry. 749.
Iron—Jefferson Iron Co.

AUBURN, Cayuga Co. Pop. 26,000. M.O. Tel. Ry. 465; 596.
Stone—John Bennett.
Roll.M.—D. M. Osborne & Co. Rolling mill.
Roll.M.—C. W. Tuttle & Co. Rolling mill.

BLISS, Wyoming Co. Pop. 301. M.O. Tel. Ry. 98. Banking town Gainesville.
Salt—Bliss Salt & Oil Co.

BROOKLYN, Kings Co. Pop. 807,000. M.O. Tel. Ry. 93; 475; 594; 710.
Stone—April & Keenan.
Stone—Baird, A. R. Bluestone.
Stone—Peter Banholzer, Knickerbocker and Flushing avs.
Stone—W. Bradley & Son, 220 Nevins st. Brownstone.
Gran.—Branford Granite Co., 5 Court Sq.
Smlt.—Brooklyn Smelting & Refining Co., 375 Driggs st.
Stone—Brooklyn Stone Co.
Stone—G. T. Bundim.
Stone—Burns & Johnson, 192 3rd ave. Bluestone.
Stone—H. P. Christmas. Brownstone. Wythe ave. and Rutledge st.
Stone—W. & F. B. Conklin. Bluestone. 202 4th ave.
Stone—Connecticut Valley Granite & Mining Co., 361 Fulton st.
Stone—Curran Bros., 3rd st., near 3rd ave.
Stone—S. Dean & Bro. Brownstone. 2nd st, near Gowanus Canal.

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BROOKLYN—Continued.
Stone—Alex. Eschenbach & Son, 1050 Flushing ave.
Stone—Finolithic Stone Co., 371 Fulton st.
Stone—Fitzpatrick & Fitzgerald.
Marb.—W. Goebel, 350 Chauncey st. Marble.
Stone—Heinlein & Rexer, 517 Prest st.
Stone—Hound & Hardon.
Stone—P. A. Johnson, 379 16th st. Bluestone.
Stone—Geo. Lickey.
Stone—Peter Lyan Est., Clinton & Flushing aves. Bluestone.
Marb.—P. McGratty, 280 Baltic st. Marble.
Stone—James McLaren, foot of Court st.
Stone—R. Miller, 76 9th st.
Stone—W. Mogk, 731 B'wick ave.
Stone—J. W. Moran, Hamilton ave & Hicks st.
Stone—G. Mowlen & Son.
Stone—Rankin & Ross, Carroll and Bond sts. Brownstone.
Stone—W. M. & S. D. Ritch.
Stone—W. S. Ross, Nevins and Douglass sts.
Marb.—C. Salzman & Son. Marble.
Stone—H. Schneider & Son, 817 Grand st.
Stone—S. Sheppard, 184 3rd ave. Marble.
Marb.—Michael Tracy, 179 Lexington ave. Marble.
Stone—M. Trudden.

BUFFALO, Erie Co. Pop. 256,000. M.O. Tel. Ry. 98; 244; 451; 465; 596; 597; 598; 929; 932.
B.Coal—Acme Mining Co.
Stone—Robert Ambrose.
B.Coal—Bell Lewis & Yates Coal Mining Co. Coal and coke. Mines at Adrian, Beechtree, Reynoldsville and Walston, Pa.
Stone—Brody & Maritby.
Stone—Buffalo Building Stone Co.
B.Coal—Buffalo Coal Co.
B.Fur.—Buffalo Furnace Co.
Stone—Buffalo Stone Co.
Stone—Buffalo & Medina Cut Stone Co.
Stone—Wm. Caterton.
Gran.—John Crawford & Son. Granite.
B.Coal—Fairmount Coal & Coke Co., 257 Washington st. Sam'l G. McCoursey, pres.; J. R. Trimble, secy.; F. S. Buell, treas.; C. D. R. Stowits, gen. mgr. Cap. stk. $1,200,000, pd. up. Mine at Fairmount City, Pa.
Marb.—M. Flagen. Marble.
Stone—O. Friedman.
Stone—Henry Harke.
Marb.—Frank Johannes. Marble.
Stone—Martin Kabel, 2543 Main st.
Stone—A. P. Kehr & Co.
Mica—Henry Koons.
A.Coal—J. Langdon & Co. (See Elmira.)
Marb.—Lantz & Co. Marble.
Gran.—McDonnell & Son, 858 Main st. Quarry at Quincy, Mass.
Chem.—John A. Miller, M. Sc., Ph. D., analytical and consulting chemist. Prof. of chemistry, Niagara University. 203 Ellicott st.
B.Coal—Northwestern Coal & Iron Co., 257 Washington st. S. G. D. Coursey, pres.; J. R. Trimble, secy. and treas.; C. D. R. Stowits, gen. mgr. Cap. stk. $250,000, pd. up. Mine at New Bethlehem, Pa.
B.Coal—Oak Ridge Mining Co., 67 Coal and Iron Exchange. J. R. Williams, pres.; R. H. Williams, secy.; H. A. Noble, treas. Mines at Oak Ridge, Pa.
Salt—Peery Fine Salt Co. Works at Bay City, Mich.
Stone—C. E. Reinheimer.
Chem.—F. P. Van Denbergh. Chemist. Erie County Bank bldg.
Attys.—Wadsworth, Blackmon & Wadsworth, attorneys at law, 13½ East Swan st. Commercial and corporation law. Practice in all courts. Attorneys for Columbia National Bank, Bank of Gowanda and Buffalo Savings & Loan Association. Members of Erie County Bar Association. Compilers of New York Laws for the RECORD.
Marb.—L. Wegener & Son. Marble.
Stone—Yamerthal Stone Co., 49 Niagara st. Chas. L. Weisner, secy. and treas. Flint foundation stone.

CAMDEN, Oneida Co. Pop. 1,902. M.O. Tel. Ry. 286; 749.
Slate—Excelsior Slate Co.

CAMILLUS, Onondaga Co. Pop. 487. M.O. Tel. Ry. 596. Banking town Syracuse.
Stone—Kenna & Allen.
B.Coal—Riverview Coal & Mining Co.
Slate—L. Schwartz & Co.

CAMILLUS—Continued.
A.Coal—Shipman Koal Co., 42-44 Dun bldg. O. W. Shipman, Detroit, Mich., gen. mgr. Mine at Shamokin, Pa.
Marb.—E. I. Smith & Co. Marble.
Stone—P. J. Straub.
Gyp.—Kenna & Allen. Gypsum.

CANAJOHARIE, Montgomery Co. Pop. 2,082. M.O. Tel. Ry. 932.
Stone—Chas. Shaper.
Stone—J. S. Williams.

CANASTOTA, Madison Co. Pop. 2,774. M.O. Tel. Ry. 286; 596; 932.
Gyp.—R. D. Button. Gypsum. 700 tons; 120 days; 4 employes. Steam drill.

CASTILE, Wyoming Co. Pop. 1,146. M.O. Tel. Ry. 598.
Salt—Castile Salt Co.

CATSKILL, Greene Co. Pop. 4,920. M.O. Tel. Ry. 127; 932.
Stone—John A. Leo.

CHARLOTTE, Monroe Co. Pop. 930. M.O. Tel. Ry. 98; 596; 749. Banking town Rochester.
Stone—W. L. Robinson.

CHAUMONT, Jefferson Co. Pop. 623. M.O. Tel. Ry. 749. Banking town Watertown.
Stone—Adams & Duford Co. A. W. Adams, pres. and gen. mgr.; Francis Duford, v. pres.; F. A. Duford, secy. and treas. Cap. stk. $30,000, pd. up. Chaumont quarries. Limestone. 2,000 yards; 250 days; 35 employes. Stone crusher, 75 yards daily capacity. Steam. Francis Duford, quarry supt.

CHEPACHET, Herkimer Co. Pop. 149. Tel. Ry. name Cedarville, 244. Banking town West Winfield.
Stone—S. Saunders.

CLAYBURG, Clinton Co. Pop. 307. Tel. Ry. Cadyville, 142. Banking town Plattsburg.
Iron—Peter Trombley.

CLAYTON, Jefferson Co. Pop. 1,748. M.O. Tel. Ry. 749.
Gran.—R. Forsyth. Granite.

CLIFTON SPRINGS, Ontario Co. Pop. 1,297. M.O. Tel. Ry. 365; 596.
Stone—B. B. Boadlman.

CLINTON, Oneida Co. Pop. 1,265. M.O. Tel. Ry. 600.
Min.P.—Clinton Metallic Paint Co. Mineral paint.

CLINTONVILLE, Clinton Co. Pop. 306. M.O. Ry. Ferrona, 243. Banking town Keeseville.
Iron—Penn Steel Ore Co.

COBLESKILL, Schoharie Co. Pop. 1,822. M.O. Tel. Ry. 243.
Stone—Daniel Aker.
Stone—J. Brandenstine.
Stone—Riley & Scanlon.

COEYMANS, Albany Co. Pop. 963. M.O. Tel. Ry. Ravenna, 932. Banking town Albany.
Stone—John R. Briggs.

COLD SPRING, Putnam Co. M.O. Tel. Ry. 596.
Gran.—Chas. W. Bailey. Granite.

COLLAMER, Onondaga Co. Pop. 47. Banking town and Ry. Syracuse, 244; 596; 749; 932.
Stone—C. & A. Stillwell.

COPAKE, Columbia Co. Pop. 550. M.O. Tel. Ry. 674. Banking town Pine Plains.
Roll.M.—Copake Iron Works. Rolling mill.

CORNING, Steuben Co. Pop. 8,550. M.O. Tel. Ry. 244; 302; 598.
Stone—T. & J. Bradley.
C.E.—Stephen T. Hoyt, Jr., C. E., 129 East 1st st. Engineer for Fall Brook Ry. Co.

CROWN POINT, Essex Co. Pop. 978. M.O. Tel. Ry. 228; 243.
B.Fur.—Crown Point Iron Co. Blast furnace.

CUYLERVILLE, Livingston Co. Pop. 260. M.O. Tel. Ry. 929. Banking town Mt. Morris.
Salt—Leicester Salt & Mining Co.

DEWITT, Onondaga Co. Pop. 100. Tel. Ry. 932. Banking town Syracuse.
Gyp.—Robert Dunlap & Co. Gypsum.
Gyp.—W. C. Hurd. Gypsum.

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EASTBRANCH, Delaware Co. Pop. 204. M.O. Tel. Ry. 600. Banking town Hancock.
Stone—D. K. Knigffen & Son.

EAST GUILFORD, Chenango Co. Pop. 174. Tel. Ry. Rockdale, 600. Banking town Sidney.
Stone—J. D. Kelly.

EDINBURG, Saratoga Co. Pop. 263. M.O. Tel. Ry. Northville, 312. Banking town Gloversville.
Stone—John W. Latcher.

EDWARDS, St. Lawrence Co. Pop. 416. M.O. Tel. Ry. 749. Banking town Gouverneur.
Stone—Adirondack Pulp Co. Soapstone.
Talc—Fred H. Haile.

ELLENVILLE, Ulster Co. Pop. 2,881. M.O. Tel. Ry. 600.
Stone—American Cleaning Stone Co.

ELMIRA, Chemung Co. Pop. 30,895. M.O. Tel. Ry. 244; 286; 598; 613.
B.Coal—Blossbury Coal Co.
Roll.M.—Elmira Iron & Steel Rolling Mill Co.
A.Coal—J. Langdon & Co. Mines at Shamokin, Pa.
Stone—A. D. Symonds.

FAYETTEVILLE, Onondaga Co. Pop. 1,410. M.O. Tel. Ry. 932. Banking town Syracuse.
Gyp.—W. W. Candell. Gypsum.
Stone—Clark & Snook.
Gyp.—A. W. Edwards. Gypsum.
Gyp.—Lansing & Son. Gypsum.
Gyp.—G. Taylor. Gypsum.

FLORIDA, Orange Co. Pop. 600. M.O. Tel. Ry. 598. Banking town Goshen.
Gold—Dr. DeWitt C. Jayne. Cap. $55,000. Mines at Picacho, Cal.

FOWLER, St. Lawrence Co. Pop. 205. Ry. Hailesboro, 749. Banking town Gouverneur.
Stone—Gardner Pulp Co. Soapstone.

GOODYEARS, Cayuga Co. Pop. 142. Ry. Atwater, 479. Banking town Ithaca.
Stone—J. G. Barger. Bluestone.

GOUVERNEUR, St. Lawrence Co. Pop. 3,458. M.O. Tel. Ry. 749.
Stone—William Clark.
Marb.—Empire Marble Co. Marble.
Marb.—Empire State Marble Co. Marble.
Stone—W. H. Freeman.
Stone—L. M. Gardner.
Iron—Gouverneur Iron Ore Co.
Marb.—Gouverneur Marble Co. Daniel Peck, pres.; A. Z. Turnbull, v. pres.; G. P. Ormston, secy.; Lewis Eckman, treas., gen. mgr. and buyer. Cap. stk. $75,000, pd. up. Marble. Gouverneur quarry. 50,000 ft.; 300 days; 45 employes. Steam. Marble mill, 200 ft. daily capacity.
Talc—F. H. Haile.
Stone—International Pulp Co. Soapstone.
Stone—J. H. McDonald.
Stone—Daniel Peck.
Marb.—J. T. Reynolds.
Marb.—St. Lawrence Marble Company, 2415 Michigan ave., Chicago. St. Lawrence quarry. 300 days; 100 employes. Steam. Marble mill, 16 gangs. T. S. Whitney, quarry supt
Stone—J. M. Sparks.
Marb.—Dan'l Whitney. Marble.
Stone—P. R. Whitney.

GRANITE, Ulster Co. Ry. Ellenville, 600. Banking town Kingston.
Stone—J. S. Vanetten.

GRANVILLE, Washington Co. Pop. 2,149. M.O. Tel. Ry. 243.
Slate—Brockway & Hughes.
Slate—Alexander Clayton.
Slate—H. K. Kays & Co.
Slate—Martin McHenry. Red slate.
Slate—Mettowell Red Slate Co. Red slate.
Slate—New Boston Red Slate Co. Red slate.
Slate—Norton Bros., Main st. Quarry at Pawlet, Vt.
Slate—Mrs. G. Williams.
Stone—Williams & Edwards.
Slate—Williams & Schmid. Roofing slate. 15,000 squares; 275 days; 50 employes. Steam. Henry Owens, quarry supt.

HALCOTTSVILLE, Delaware Co. Pop. 119. Tel. Ry. 896. Banking town Margaretville.
Stone—H. Robinson.

HALE EDDY, Delaware Co. Pop. 150. Tel. Ry. 598. Banking town Hancock.
Stone—O. M. Kingsbury & Co. Cap. $20,000. Bluestone. 300 cars.

HAMMOND, St. Lawrence Co. Pop. 718. M.O. Tel. Ry. 749. Banking town Ogdensburg.
Stone—H. A. Foster.

HAVERSTRAW, Rockland Co. Pop. 5,170. M.O. Tel. Ry. 582; 932.
Salt—Crystal Salt Co. Works at Warsaw.

HOBOKENVILLE, Madison Co. P.O., Banking town and Ry. Oneida, 596; 600.
Gyp.—I. Tuttle.

HUDSON, Columbia Co. Pop. 10,000. M.O. Tel. Ry. 81; 430; 596.
B.Fur.—Hudson Iron Co.

HULBURTON, Orleans Co. Pop. 620. M.O. Tel. Ry. Hindsburg, 596. Banking town Holley.
Stone—Edward Fancher, Murray. Steam.
Stone—Albert H. Ford.
Stone—Chas. Gwynn.
Stone—Geo. Hebner, Jr.
Stone—John Hebner.
Stone—Martin Scanlon.
Stone—A. J. Squire.
Stone—Sullivan & Sturacker.
Stone—C. Van York.

HUNT, Livingston Co. Pop. 186. M.O. Ry. name Hunts, 598.
Stone—Vandalia Slater.

ILION, Herkimer Co. Pop. 4,060. M.O. Tel. Ry. 596; 932.
Stone—John Stupor.

IRONDALE, Dutchess Co. Pop. 140. P.O. and Ry. Millerton, 563; 596; 674.
B.Fur.—Millerton Iron Co. Blast furnace.

ITHACA, Tompkins Co. Pop. 11,080. M.O. Tel. Ry. 244; 286; 465.
Salt—H. W. Sage & Co. Works at West Bay City, Mich.

JAMAICA, Queens Co. Pop. 5,460. M.O. Tel. Ry. 475.
Marb.—Allen & Ludham. Marble.

JAMESVILLE, Onondaga Co. Pop. 406. M.O. Tel. Ry. 244. Banking town Syracuse.
Stone—E. B. Alford.

JONESBURG, Columbia Co. Ry. Hudson, 81; 430; 596. Banking town Warrensburg.
Stone—F. W. Jones.

KERHONKSON, Ulster Co. Pop. 550. M.O. Tel. Banking town and Ry. Ellenville, 600.
Stone—J. P. Davis.
Stone—Wm. Vandover. Esopus quarries. Mountain granite and millstones. Output, $5,000 value per annum.

KINGSTON, Ulster Co. Pop. 21,300. M.O. Tel. Ry. 896; 918; 932.
M.Stone—Esopus Millstone Co., 328 Wall st. Quarry at Accord, Ulster Co. A. Hayes, operator.

KIRKLAND, Oneida Co. Pop. 172. Tel. Ry. 600. Banking town Clinton.
B.Fur.—Kirkland Furnace. Blast furnace.

KYSERIKE, Ulster Co. M.O. Ry. Rosendale, 918. Banking town Kingston.
Stones—T. C. Harnden. Quarry at Rochester.
Stone—W. H. Krom.
Stone—Daniel Lawrence.
Stone—Geo. Lawrence.

LAKEVILLE, Livingston Co. Pop. 385. M.O. Tel. Ry. 598. Banking town Livonia.
Salt—National Salt & Chemical Co.

LEROY, Genesee Co. Pop. 2,745. M.O. Tel. Ry. 98; 596; 598.
Stone—George H. Holmes. Limestone.
Stone—N. B. Keeney & Son. Limestone. 200 days; 20 employes. Electricity. Three miles railroad; 1 locomotive.

LEWISTON, Niagara Co. Pop. 636. M.O. Tel. Ry. 596; 749. Banking town Lockport.
Stone—L. W. Hotschkiss.

LIVERPOOL. Onondaga Co. Pop. 1,290. M.O. Tel. Ry. 749. Banking town Syracuse.
Salt—A. H. Crawford.
Stone—P. Cockings.
Salt—Lucius Gleason.
Salt—Highland Coarse Salt Co., Syracuse. Well.

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LIVERPOOL—Continued.
Salt—Judson McKindley.
Stone—Mrs. C. B. Murray.
Salt—J. & P. Smith.

LOCKPORT, Niagara Co. Pop. 16,050. M.O. Tel. Ry. 596; 598.
Stone—James Carpenter.
Alum—Cowles Electric Smelting & Refining Co.
Roll.M.—Westerman & Co. Rolling mill.

LONG ISLAND CITY, Queens Co. Pop. 30,620. M.O. Tel. Ry. 475; 594.
Stone—James Gillies & Son.
Stone—W. Goldthorpe.
Stone—Hughes, Scanlon & Thompson.
Stone—J. & D. Morrison.

LYON MOUNTAIN, Clinton Co. Tel. Ry. 142. Banking town Plattsburg.
Iron—Chateaugay Ore Bed Co.

MALDEN, Ulster Co. Pop. 250. M.O. Tel. Ry. 932. Banking town Saugerties.
Stone—Ulster Blue Stone Co., New York. Bluestone. 20,000 tons; 240 days; 110 employes. Steam. Stone mill, 10 gang and rip saw; 8 planers; 2 rubbing beds. 50 tons daily capacity. Operate 5 barges. Z. B. Clum, quarry supt.

MANLIUS, Onondaga Co. Pop. 950. M.O. Tel. Ry. 932. Banking town Syracuse.
Gyp.—Jas. Behan. Gypsum.

MARBLETOWN, Ulster Co. Pop. 190. Banking town and Ry. Kingston, 896; 913; 932.
Stone—G. McGregor.

MARCELLUS FALLS, Onondaga Co. Pop. 206. M.O. Tel. Ry. 596. Banking town Syracuse.
Stone—L. D. Shuman.

MECHANICSVILLE, Saratoga Co. Pop. 2,670. M.O. Tel. Ry. 243; 305.
Ch.E.—Martin L. Griffin, chemist and chemical engineer. Paper pulp and clays.

MEDINA, Orleans Co. Pop. 4,490. M.O. Tel. Ry. 596.
Stone—S. J. Horan.
Stone—Kearney & Barrett.
Stone—A. J. McCormick.
Stone—M. Slack.

MIDDLE GRANVILLE, Washington Co. Pop. 840. M.O. Tel. Ry. 243. Banking town Granville.
Slate—Hiram Ainsworth.
Slate—Empire Red Slate Co. W. H. Kirtland, pres.; John G. Williams, v. pres.; Hugh Williams, secy.; G. S. Whitson, treas. Cap. stk. $10,000, pd. up. Empire Red Slate quarry. Roofing slate.
Slate—R. R. Jones & Co.
Slate—North Bend Slate Co.
Slate—Middle Granville Slate Co.
Marb.—R. B. Pritchard. Marble.

MILLERTON, Dutchess Co. Pop. 640. M.O. Tel. Ry. 581; 596; 674.
Iron—Dakin Bros.
Iron—Hematite Iron Ore Mines.
B.Fur.—Phoenix Furnace. Blast furnace.

MINERVA, Essex Co. Pop. 135. Ry. North Creek, 243.
Gems—Adirondack Garnet Co. Garnets.

MONGAUP VALLEY, Sullivan Co. M.O. Pop. 149. Ry. Monticello, 696.
Stone—M. Blanchard.

MORIAH, Essex Co. Pop. 1,400. M.O. Tel. Banking town and Ry. Port Henry, 243; 440.
Iron—Chuver Ore Bed Co.

MOSCOW, Livingston Co. Pop. 375. M.O. Tel. Ry. Leicester, 244. Banking town Mt. Morris.
Salt—Lackawanna Salt Co.

MT. MORRIS, Livingston Co. Pop. 2,286. M.O. Tel. Ry. 237; 244; 598; 929.
Salt—Royal Salt Co.

NEWBURG, Orange Co. Pop. 23,090. M.O. Tel. Ry. 598; 932.
Stone—T. C. Buckmaster.
Roll.M.—Kilner Manufacturing Co. Rolling mill.
Slate—Shannon & Co.

NEW DORP, Richmond Co. Pop. 407. M.O. Tel. Ry. 848. Banking town Stapleton.
Stone—D. J. Tysen.

NEW HARTFORD, Oneida Co. Pop. 912. M.O. Tel. Ry. 244; 600. Banking town Utica.
Stone—E. F. Thompson.

NEW YORK, New York Co. Pop. 2,000,000. M.O. Tel. Ry. 244; 582; 591; 596; 598; 599; 600; 603.
Silver—Abundacia Mining Co.
Coal—Acadia Coal Co.
Coal—H. A. Aechternacht, 1 Broadway.
Slate—Acme Slate Co., 35 Broadway.
Coal—H. C. Adams, 69 Center st.
Stone—A. L. Adler, 148 E. 57th.
Coal—Alano Coal Co., 15 Broad st.
Stone—Alberene Stone Co., 393 Pearl st.
Coal—J. H. Alexander, 17 Broadway.
Mica—Alexander Mica Co., 17 Broadway.
Iron—Allegheny Iron Co., 29 Broadway.
B.Coal—Allegheny & Clearfield Coal Co., 1 Broadway.
Coal—Allouez Mine, 11 William st.
Coal—A. L. Alpers, 1 Broadway.
Gold—Alturas Senate Mining Co., 50 Exchange Place.
Gold—American Belle Mines, Ltd., 33 Wall st.
Coal—American Coal Co., 1 Broadway.
Drills—American Diamond Rock Boring Co., 15 Cortlandt St. Diamond, Core and all other kinds of Drills for Prospecting and Mining.
Onyx—American Onyx Co., 24 State.
Stone—American Soapstone Finish Co., 287 Fourth ave. Soapstone.
Stone—American Stone Co., 53 Broadway.
Tin—American Tin Co., 53 Broadway.
Gold—Anaconda Mining Co., 15 Broadway.
Coal—W. W. Anthony Coal Co., 143 Liberty st.
Iron—Arcram Iron Ore Co., 1 Broadway.
G.S.—Arlington Mining Co., 15 Wall. Gold and silver.
I.C.L.Z.—Arminius Chemical Co., 18 Wall street. Rowland F. Hill, pres.; Fred. A. Kernochan, v. pres.; Wm. Man, secy. and treas.; W. H. Adams, M. E., gen. mgr. and buyer. Cap. stk. $500,000, pd. up. Iron, copper, lead and zinc. Mine at Mineral City, Va.
Gold—Arzine Mine, 172 Broadway.
G.S.—Atlantic & Pacific Railway Tunnel Co., 59 Park Row. Gold and silver.
Copp.—Atlantic Mining Co., 11 & 13 William st. Jos. E. Gay, pres.; John Stanton, secy. and treas.; F. McM. Stanton, gen. mgr. and buyer. Cap. stk. $1,000,000, $900,000 pd. up. Copper. Mine at Houghton, Mich.
Coal—J. W. Avery, 1 Broadway.
Gems—Azure Mining Co., 172 Broadway. Louis Kahn, pres.; M. D. Rothschild, secy. and treas.; G. Armeny, gen. mgr. Cap. $2,000. Mine at Silver City, N. Mex.
Mach.—Earle C. Bacon, Havemeyer Bldg. Conveying, Hoisting and all kinds of Mining, Quarrying and Contractors' Machinery. Rope Tramways and Cable Transmission.
Gold—Bailey & Tunnel Gold Mining Co., 115 Broadway.
Marb.—S. Bailie & Son, 304 E. 22nd. Marble.
M.E.—Leopold Balbach, Mining Engineer and Metallurgist. Assays, estimates and reports. 35 Broadway.
Me.E.—Henry A. Bang, Mechanical Engineer, 1186 Broadway.
A.Coal—Barber & Zaegler, 1 Broadway.
G.S.—Barcelona Mining Co., 33 Broadway. Gold and silver.
A.Coal—Barnell & Azoy, 143 Liberty st.
Slate—G. H. Bartlett, 325 Broadway.
A.Coal—C. H. Bass, 17 Broadway.
Gold—Batopilas Mining Co., 29 Broadway.
Marb.—Batterson & Eisele, 431 11th. Marble.
Stone—Bavarian Lithographic Stone Co., 143 Worth st.
Coal—Beach Glen Mine, 68 Wall st.
Stone—Alex. B. Becker, 672 Columbus ave.
Chem.—Alfred C. Beebe, chemist, bacteriologist, New York City Health Department.
G.S.—J. F. & F. H. Beers, 115 Broadway. Gold and silver. Mines at Idaho Springs, Colo. J. F. Beers, buyer.
Iron—Herman Behr & Co.
Phos.—Belle Phosphate Co., 54 Broadway.
I.Coal—Belmont Bessemer Ore Co., 29 Broadway. Iron and coal.
Gold—Belmont Gold Mines, 57 Broadway.
Zinc—Bertha Zinc & Mining Co., 33 Wall st.
Stone—Best & Reilly, 518 E. 80th st.
C.M.E.—Joseph R. Bien, Civil and Mining Engineer, 140-142 Sixth ave.
Gold—Big Bend Hydraulic Co., 108 Fulton st. P. S. Ely, pres.; E. P. Hoyt, v. pres.; Geo. W. Clark, secy. and treas. Cap. stk. $1,000,000. Mines on Rapid creek, Pennington Co., S. Dakota.
Carbons—Victor Bishop & Co., 21 Maiden Lane. Importers of diamonds, carbon and bort for use in diamond drills and other mechanical purposes.
G.S.—Black Colt Mining Co., 99 Nassau st. J. Q. Preble, treas. Cap. stk., 4,000 shares at $2 per share. Gold and silver. Mine at Kingston, N. Mex.
Stone—L. E. Bliss & Co., 280 Broadway.
Coal—Blockhouse Coal Co., 37 South st.
Stone—Blue Stone Association, 280 Broadway.
Iron—Boonton Iron Co., 68 Wall st.
M.E.—Robt. Elmer Booraem, mining engineer, care of Evening Star Mining Co., 50 Broadway.

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NEW YORK—Continued.
Gran.—Booth Bros. & Hurricane Isle Granite Co., 60 Bank st. Wm. Booth, pres.; John Donaldson, secy. Cap. stk. $250,000, pd. up. Granite. Quarry at Waterford, Conn.
G.S.—Boreel Mining Co., 1 Broadway. H. B. Seuman, pres.; R. C. McCormick, v. pres.; C. A. Cameron, secy. and treas.; S. W. Mudd, gen. mgr. Cap. stk. $1,500,000. Gold and silver. Mine at Leadville, Colo.
Slate—Bower Slate and Pencil Quarry Co., 7 and 9 Thomas st. Henry Soldan, pres.; R. G. Ellis, v. pres.; Jas. F. Johnston, secy.; R. A. Halliday, treas. Quarry at Lynnport, Pa.
G.C.L.—J. E. Briggs, 65 Fulton st. Gold, copper and lead. Mine at Eureka, Colo.
Stone—Bowles & Roarke, 406 E. 60th st.
Coal—Jas. Boyce, 31 Broadway.
Mica—Henry Bradstreet, 115 Broadway.
Co.Ir.—Brady Bend Coal & Iron Co., 66 Broadway. Coal and iron.
Marb.—J. Brahm, 209 Fiftieth. Marble.
Stone—W. T. Brainerd.
Gran.—Branchy & Wilton, 153 Fulton. Granite.
G.S.—Bridal Veil Mining and Milling Co., 17 Broadway. Horatio Page, pres., gen. mgr. and buyer.; Cyrus W. Davis, v. pres.; Chas. W. Tilden, secy. and treas. Cap. stk. $250,000, pd. up. Gold and silver. Mine at Telluride, Colo.
Marb.—Brocker Bros., 110 Clinton. Marble.
Marb.—Brown & Majoun, 516 W. 20th. Marble.
Marb.—Brown, McAllister & Co., 431 W. 14th. Marble.
Iron—Bruce Mining Co., 24 Broad st. F. B. Whitfield, pres.; W. A. Barnes, v. pres.; N. D. Whipple, secy. and treas. Cap. stk. $5,000,000. Claim at Leadville, Colo.
Gold—Brunswick Consolidated Gold Mine, 57 Broadway.
Marb.—Wm. Buess, 319 E. 94th. Marble.
Silv.—Cachavi Co., 40 Wall st. Silver.
Iron—Catoctin Co., 2 Wall.
G.S.—Candelaria & Durango Mining Co., 40 Broadway. Mark Birmingham, pres.; H. C. Walker, v. pres.; C. L. Horton, secy. Cap. $1,500,000. Mine at San Dimas, Mexico.
Coal—Cannelton Coal Co., 1 Broadway.
Stone—M. Caravatta, 207 Tenth st.
Coal—Carbondale Coal & Coke Co., 140 Broadway.
M.Stone—S. Carey. Mill stones.
Steel—Carpenter Steel Co., 1 Broadway. John C. Barron, pres.; H. M. Hawkesworth, v. pres.; R. W. Hawkesworth, secy.; L. Gregory, treas.; J. H. Carpenter, gen. mgr. and buyer. Cap. stk. $2,000,000, $1,500,000 pd. up. Crucible steel. Works at Reading, Pa.
Gold—Carson River Placer Mining and Dredging Co., 18 Broadway.
Coal—J. G. Case, 143 Liberty st.
Copp.—Centennial Mining Co., 1 Broadway. Copper. Mine at Calumet, Mich.
Marb.—A. E. Cerqua, 2 Cotton Exchange. Marble.
Coal—T. A. Chappel & Co., 1 Broadway.
M.Stone—R. P. Charles. Mill stones.
Stone—Geo. Chase, 10th st. & 1st ave.
Gran.—Chase Granite Co., 66 Broadway. Henry B. Slaven, pres. and treas.; W. H. Mackey, v. pres.; E. E. Chase, secy.; E. F. Hinckley, gen. mgr. Cap. stk. $100,000, pd. up. Quarry at Bluehill, Me.
Iron—Chateaugay Ore & Iron Co., 21 Cortland st. Rolling mill at Plattsburg.
Coal—Chesapeake & Ohio Railroad Coal Co., 1 Broadway.
Iron—Chestnut Hill Iron Co., 52 Wall st.
Gold—Chimchosmay Gold Placer Co.
Stone—Clarke & Brainerd, 243 Broadway.
Silv.—Cleveland & Montezuma Silver Mining Co., 5th ave. & 20th st.
B.Coal—Coalburg Land & Mining Co., 35 Wall st.
Coal—Coaldale Mining Co., 31 Broadway.
Coal—Coahuila Coal Co., 15 Broadway.
Stone—Thos. Coffey, 245 E. 117th st.
Stone—C. H. Colman & Co., 145 Broadway.
Gold—Colorado Bonanza and Union Tunneling & Mining Co., 171 Broadway.
Gold—Colorado Central Cons. Mining Co., 48 Exchange Place.
C.I.—Colorado Coal & Iron Development Co., 45 Wall st. Coal and iron.
Gold—Columbia Mining Co., 50 Broadway.
Iron—Columbia Fuel & Iron Co., 18 Broadway.
Iron—Columbia Iron & Mining Co., 115 Broadway.
Borax—Columbus Borax Co., 10 Cedar st.
C.I.—Columbus & Hocking Coal & Iron Co., 81 Broadway.
Coal—O. Compton, 1 Broadway.
G.S.—Comstock Tunnel Co., 70 Broadway. Franklin Leonard, pres.; R. H. Smith, v. pres.; H. F. Taylor, secy.; Gordon Macdonald, treas. Cap. stk. $4,000,000, pd. up. Gold and silver. Mine at Sutro, Nev.
Stone—J. B. Condon, 882 E. 169th.
Coal—Consolidated Coal Co., 71 Broadway.
Smlt.—Consolidated Kansas City Smelting & Refining Co., 20 Nassau st.
Slate—Consolidated Leigh Slate Co., 154 Fifth av.
Gold—Consolidated Mining and Reduction Co., 239 Broadway. James McCallum, v. pres.; Winthrop N. Tut-

NEW YORK—Continued.
tle, secy. and treas.; Jos. A. Pushie, gen. mgr. and buyer. Cap. stk. $1,000,000, pd. up. Mines in Nova Scotia.
Wire Rope, etc.—Cooper, Hewitt & Co., 17 Burling Slip. New York office, Trenton Iron Works. Patent Wire Rope Tramways, Quarry Hoists and Haulage Plants.
Copp.—Copper Queen Consolidated Mining Co., 99 John st. James Douglas, pres.; Joseph Van Vleck, v. pres.; George Notman, secy. and treas.; Ben. Williams, supt.; Walter Chandler, eastern buyer. Cap. stk. $2,000,000, pd. up. Mine at Bisbee, Ariz.
Stone—W. Crawford, 630 W. 51st. Bluestone.
Machinery—W. A. Crook & Bro.'s Co., 143 Liberty st. Main office and works, 117 to 123 Poinier st., Newark, N. J. Manufacturers of Mining and General Machinery.
B.Coal—Cresson & Clearfield Coal & Coke Co., 1 Broadway. Mine at Frugality, Pa.
Gold—Daly Mine, Ltd., 15 Broadway.
Coal—A. Darling, 111 Broadway.
B.Coal—Davis Coal & Coke Co., 1 Broadway.
Iron—Davis Pyrites Co., 45 Wall st.
Coal—W. A. Dean, 1 Broadway.
A.Coal—Delaware, Lackawanna & Western R.R. Co., 429 Broadway. Samuel Sloan, pres.; E. R. Holden, 1st v. pres.; W. S. Sloan, 2nd v. pres.; Fred. F. Chambers, secy.; Fred. H. Gibbons, treas. Mines at Scranton, Lackawanna, Taylor, Kingston, Duryea, Plymouth and Hanover, Pa.
Stone—Denton & Co., 2 Stone st.
Copp.—Detroit Copper Mining Co. of Arizona, 99 John. William Church, pres. and gen. mgr.; James P. Snow, v. pres.; Joseph Van Vleck, secy. and treas. Cap. stk. $500,000. Copper. Mine at Morenci, Ariz.
Copp.—Detroit Copper Mining Co., 99 John st.
Coal—Dickson & Eddy, 29 Broadway.
Stone—P. Di Maria, 281 W. 27th st.
Marb.—J. H. Dimond, 218 W. 42nd st. Marble.
Stone—R. Dolan, 58 Melton st.
Stone—J. T. Dolan, 412 E. 105th st.
Marb.—T. Donahoe, 543 22nd st. Marble.
Stone—Dan Donovan, 287 4th st.
Stone—A. Dosso & Co., 223 E. 102nd st.
Marb.—Jas. W. Downs, 206 W. 42nd st. Marble.
Stone—Drake & Stratton Co., 143 Liberty st. J. H. Drake, pres.; J. Wainwright, v. pres. and secy.; P. W. Briggs, treas.; W. D. Stratton, gen. mgr. and buyer. Limestone. Quarry at Sandy Hill.
Coal—D. Duncan & Sons, 1 Broadway.
Stone—T. J. E. Dunn, Av. A, cor. 68th st.
Ch.Met.—Charles J. Eames, Chemist and Metallurgist, 99 Water.
Gold—East Mayflower Gold Co., 1 Broadway.
M.E.—Thomas Egleston, E. M. Professor of Mineralogy and Metallurgy, School of Mines, E. 49th st.
C.I.—Elkton Coal & Iron Co., 26 Cortland. Coal and iron.
Stone—Empire Paving & Construction Co., 24 State st.
Ch.As.—Endemann & Saarbach, Chemists and Assayers, 23 William st.
G.S.—Enterprise Mining Co., 33 Wall st. Lloyd I. Seaman, pres.; Geo. Crawford, secy. and treas. Gold and silver. Mine at Rico, Colo.
G.S.I.—Enterprise Mining & Transportation Co., 52 Exchange Place. Gold, silver and iron.
Stone—Erie Blue Stone Association, 270 Broadway.
Marb.—B. & J. Eschman, 412 E. 37th st. Marble.
Iron—Essex Iron Co., 45 Cedar st.
Coal—C. B. Evans, 1 Broadway.
Phos.—Excelsior Pebble Phosphate Co., 63 William st.
Gold—Extension Gold Mining Co., 61 Broadway. Frederic Chisholm, gen. mgr. Mine at Plymouth, Cal.
Copp.—Fairfield Copper Co., 45 Wall st.
C.Coal—Falling Rock Cannel Coal Co., 72 Broadway.
Marb.—Favorite Marble Co., 63 Park Row.
Marb.—Feeney & Devanny, 644 1st ave. Marble.
C.I.—Fidelity Coal & Iron Co., 320 Broadway. Coal and iron.
Marb.—J. Fitch. Marble.
Stone—C. F. Fitcher, 138 N. Railroad ave.
B.Coal—Flemington Coal & Coke Co., 44 & 46 Broadway. L. L. Bullock, pres.; Jas. R. O'Beirne, secy.; Chas. G. Cornell, treas.; S. L. Simpson, gen. mgr. Mines at Flemington, W. Va.
B.Coal—Florence Dale Coal Co., 17 Broadway.
Gold—Florencia Mining & Milling Co., 45 William st.
Marb.—P. Foley, 640 1st ave. Marble.
Phos.—Foote Commercial Phosphate Co., 39 Broadway. B. B. Ward, pres.; Fred Lewis, v. pres. and gen. mgr.; Geo. L. Hunt, secy.; F. Marx, treas.; F. M. Stansbrough, M. E., buyer. Cap. stk. $500,000. Phosphate. Mine at Bartow, Fla.
Iron—Forge Hill Mining Co., 35 Broadway.
B.Coal—G. Foster, 143 Liberty.
B.Coal—S. G. French, 1 Broadway.
Mach.—Frisbee-Lucop Mill Co., 136 Liberty St. Mining and Quarrying Machinery. Coal Breakers, Quartz Mills, Rock Crushers, etc. Drugs and Supplies.
Marb.—E. Fritsch, 512 20th. Marble.
B.Coal—Fuentic Coal Co., 15 Broadway.

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NEW YORK—Continued.
Slate—J. Galt & Sons, 253 Broadway.
B.Coal—Gay & Parker Co., 12 Broadway.
Chem.—Joseph F. Geisler, Analytical and Consulting Chemist, 6 Harrison st.
Marb.—J. Gendolfi, 9th ave. & N. 59th st. Marble.
Salt—Genesee Salt Co., 6 Harrison st. Works at Piffard.
Marb.—Georgia & Florida Investment Co., 280 Broadway. Marble.
Stone—P. C. Gillings, 723 Elton ave.
Marb.—Gallino & Pellarin, 380 1st ave. Marble.
Mica—Glen Brook Mining Co., 33 Wall st.
Gold—Glen Brook Mining Co., 33 Wall st. Wm. Brandreth, pres.; Geo. Crawford, secy. and treas.; Richard Eames, Jr., gen. mgr. and buyer. Cap. stk. $200,000. Mine at Glen Brook, N. C.
G.S.—Gold Cliff Mining & Reduction Co., 35 Broadway. Leopold Balbach, pres. and gen. mgr.; J. M. Nixon, secy. and treas. Cap. stk. $1,000,000. Gold and silver. Mine at Clifton, Ariz.
Gold—Gold-Coin Mines Co. Mine at Nevadaville, Colo.
Marb.—German Grob & Son, 509 35th st. Marble.
Roll.M.—Gould Steel Co., 66 Broadway. Chas. A. Gould, pres.; Chas. M. Gould, v. pres.; W. E. Kurtz, secy., gen. mgr. and buyer; W. A. Gould, treas. Cap. stk. $100,000, pd. up. Rolling mill at Anderson, Ind.
Rubber—Gutta Percha & Rubber Manufacturing Co., 35 Warren st. A. Spadone, pres.; H. E. Spadone, v. pres.; Matt. Hawe, secy. and treas. Manufacturers of Rubber Belting Hose of all Kinds for Water, Steam, Air, Suction, etc. Packings of all Kinds, Gaskets, Valves, Tubings, Concentrator Belts. (See also Chicago, Ill.)
Stone—W. Grace, 120 Trout st.
Silv.—P. A. Graff, 262 Tenth ave. Silver.
Coal—Graeff, Wilcox & Co., 1 Broadway.
Stone—Grand Rapids Stone Co., 63 Fifth ave.
B.Coal—Grand River Coal & Coke Co., 18 Broadway.
Marb.—W. D. Grant, 206 W. 42nd st. Marble.
Mica—Jos. Hague, 4 Gold st.
Gold—Haile Gold Mines, Ltd., 17 Maiden Lane. Mines at Haile Gold Mine, S. C.
Stone—Halloran & Ledge, 504 W. 13th st.
Gran.—Hallowell Granite Works, 7 Beekman st.
M.E.—Frederic A. Halsey, Mechanical Engineer, 23 Park Place. Cornell University, 1878. Member of American Society Mechanical Engineers and American Institute of Mining Engineers. Inventor the Slugger rock mill.
Stone—J. Hardwens & Son, 129 Lincoln st.
Tin—Harney Peak Tin Mining & Milling Co., 9 Cliff st. Claims at Rapid City, S. Dak.
A.Coal—H. E. Hart, 31 Broadway.
C.E.—W. J. Haskins, Civil Engineer, 18 Broadway. Specialty: Coal and Ore Handling Devices.
A.Coal—C. W. Hays, 1 Broadway.
B.Coal—J. D. Heisenbutte, 1 Broadway.
B.Coal—C. T. Hesser, 1 Broadway.
Stone—W. Hilgers, 103 Manhattan st.
Stone—R. Hilliers Sons & Co., 95 William st.
G.S.—Himrod & Hudson, 191 Fulton st. Cap. $1,000,000. Gold and silver. Mine at Idaho Springs, Colo.
Marb.—W. Holland, 167 E. 120th st. Marble.
Marb.—Holzman & Co., 636 1st ave. Marble.
Phos.—Homeland Pebble Phosphate Co., 245 Broadway.
Silv.—Horn Silver Mining Co., 56 Broadway. A. E. Washington, pres.; J. M. Ceballos, v. pres.; A. J. Harrison, secy. and treas.; P. T. Farnsworth, gen. mgr. Silver. Mine at Frisco, Utah.
A.Coal—J. A. Horton, 29 Broadway.
B.Coal—W. Howe & Co., 1 Broadway.
Iron—Hudson River Ore & Iron Co., 21 Cortlandt st.
Stone—J. H. Hummel, 153 Fulton st.
M.E.—F. F. Hunt & Co., Mining Engineers, Chemists and Assayers, 77 Pine st.
A.Coal—J. R. Husson, 1 Broadway.
Stone—J. Hutchinson & Sons, 2383 1st ave.
Stone—Hyde & Gload Manufacturing Co., 1593 Broadway.
Marb.—A. Hyland, 406 E. 79th st. Marble.
G.S.—Idaho Mg. & Irrigation Co., 21 Cortlandt st.
Gold—Idaho Yellow Jacket Gold Mining Co., 22 William st. John E. Searles, pres.; A. B. Roeder, Denver, Colo., v. pres. and secy.; W. M. Tuttle, treas.; P. J. Cirkel, M. E., Yellow Jacket, Idaho, gen. mgr. and buyer. Cap. stk. $1,000,000. Mine at Yellow Jacket Idaho.
Mach.—Ingersoll-Sergeant Drill Co., 26 Cortlandt St. Air Compressors, Air Lift Pumps, and all other descriptions of Mining Machinery. Branches, Boston and Chicago.
Phos.—International Phosphate Co., 3 Union Sq. Mine at Dunnellon, Fla.
Marb.—C. D. Jackson, 1 Madison st. Marble.
Chem.—Emil F. Johnson, Analytical and Consulting Chemist, 96 & 98 Maiden Lane.
Slate—E. J. Johnson & Co., 38 Park Row.
Roll.M.—I. G. Johnson & Co. Spuyten Duyvil. Rolling mill.
Marb.—W. G. Johnson, 407 E. 91st st. Marble.
B.Coal—W. Johnson, 143 Liberty st.
Stone—Jordon & Son, 268 Division st.
Stone—W. J. Judd, 245 Broadway.

NEW YORK—Continued.
Marb.—Thos. Keegan, 792 Atlantic. Marble.
Marb.—H. G. Kelley, 157 E. 85th st. Marble.
B.Coal—Kentucky Coal Co., 120 Broadway.
Gran.—I. F. Kidney, Ave. A. & 61st st. Granite.
Ge.M.E.—James P. Kimball, Geologist and Mining Engineer, 1 West 21st st.
Stone—Kirkpatrick Bros., 280 Broadway.
Marb.—A. Klaber, 238 E. 57th st. Marble.
Marb.—S. Klaber & Co., 47 W. 42nd st. Marble.
Phos.—Knickerbocker Phosphate Co., 253 Broadway.
Stone—Knowles Bros, 640 1st ave.
Stone—J. Kolman, 308 E. 74th st.
Stone—C. Koster, 5 Park Place.
Marb.—J. Krulusk, 466 Cherry st. Marble.
Stone—J. Kubin, 681 Elliston ave.
Stone—J. Kunz, 41 E. 76th st.
GemExp.—Geo. F. Kunz, Gem Expert, 11-15 Union Square. Special Agent United States Geological Survey.
Roll.M.—Lackawanna Iron & Steel Co., 52 Wall st. Rolling mill. Works at Lebanon, Pa.
Explosives—Laflin & Rand Powder Co., 99 Cedar st. J. A. Haskell, pres.; Solomon Turck, v. pres.; A. W. Higgins, secy.; Edward Greene, treas. Cap. stk. $1,000,000, pd. up. Manufacturers of Sporting, Blasting and Mining Powder. Dealers in Safety Fuse. Manufacturers' Agents for Electric Blasting Apparatus and Dynamite.
B.Coal—La Follette Coal and Iron Co., 66 Broadway. H. M. La Follette, pres. and gen. mgr.; J. N. Huston, v. pres.; Benj. H. Enos, secy. and treas.; E. T. Warner, buyer. Cap. stk. $2,500,000, pd. up. Mines at La Follette, Tenn.
Gran.—Lake Champlain Granite Co., 15 Maiden Lane.
Iron—Lake Superior Consolidated Iron Mines, 1 Broadway.
Mach.—James H. Lancaster, Greenwich and Thames Sts. Hoisting, Conveying, Dredging and Excavating Machinery. Cable and Wire Rope Transmission. All kinds Mining and Quarrying Machinery.
G.S.—Lampazos Mining & Milling Co., 33 Wall st. Gold and silver.
Stone—Lauer & Hagaman, 458 S. Clinton st.
S.L.—Leadville Consolidated Mg. Co., No. 1 Broadway. R. C. McCormick, pres.; C. A. Cameron, secy. and treas.; S. W. Mudd, gen. mgr. Cap. stk. $4,000,000. Silver and lead. Mine at Leadville, Colo.
A.Coal—Lehigh Coal & Navigation Co., 143 Liberty st.
Stone—Chas. Lehman, 219 W. 119th st.
Carbons—Theodor Lexow, 198 Broadway. Dealer exclusively in Carbons (Black Diamonds) and Bort for Diamond Drills, and all other mechanical purposes.
Machinery—Lidgerwood Manufacturing Co., 96 Liberty st. Wm. V. V. Lidgerwood, pres.; John H. Lidgerwood, v. pres. and treas.; Walter L. Pierce, secy.; John V. Beekman, supt. Manufacturers of Hoisting Engines, Boilers, Suspension Cableways, Logging Machines and Railroad Rapid Ballast Unloader. (See also Chicago, Ill.)
Stone—Light & Louther, 402 E. 107th st.
Stone—W. & F. Livingston, 391 Canal st.
Stone—Alex. Lockwood, 637 W. 130 st.
Stone—D. T. Lockwood, 281 Broadway.
Gran.—R. Logan, 99 Nassau st. Granite.
Stone—W. S. Lowe & Son, 346 E. 104th.
M.E.—Samuel J. Lowell, Mining Engineer and Mineral Expert, 239 Broadway.
Stone—Thos. Lyons, 1st ave. & E. 106th st.
Gran.—McAllister, Brown & Co., 434 W. 14th st. Granite.
M.E.—James McCallum, Mining Engineer, 239 Broadway.
Gran.—M. E. McGrath, foot of 8th st. Granite.
Met.—Dr. Chas. F. McKenna, Analytical and Consulting Chemist and Metallurgist, 221 Pearl st.
Stone—J. McLean, 298 Monroe st.
Stone—J. C. Mack, at the foot of W. 57th st.
Stone—Alex. Mackenzie, 63 W. 44th st.
Stone—Macknight Flintic Stone Co., 150 Broadway.
Gran.—Macray & Bros., 558 W. 43rd st. Granite.
Gold—Madeline Consolidated Mining & Milling Co., 31 Nassau st.
Marb.—Magic Marble Co., 173 Broadway.
Stone—Marco Bros, 421 E. 22nd st.
Mica—Marguerite Mica Co., 46 Maiden Lane.
Iron—Marion Iron Ore Co., 52 Broadway.
Stone—A. Marmie, 154 5th ave.
B.Coal—Marrietta Run Coal Co., 41 Dey st.
Stone—C. W. Martin, 280 Broadway.
B.Coal—John C. Martin, 1 Broadway. Mine at Portage, Pa.
B.Coal—Maryland Coal Co., 1 Broadway. J. E. Knapp, pres.; J. W. Loveridge, v. pres.; H. B. Nedham, secy. and treas.; Frank E. Brackett, M. E., gen. supt. and buyer. Cap. stk. $188,370, pd. up. Semi-bituminous coal. Mines at Lonaconing, Md.
Gran.—Mason New Hampshire Granite Co., 45 Broadway. Thos. F. Mason, pres.; D. N. Stanton, v. pres.; E. W. Stanton, secy.; D. V. Stanton, treas. Cap. stk. $100,000, pd. up. Granite. Quarry at Mason, N. H.
Stone—Maumy & Ross, 280 E. Broadway.
Marb.—C. Maxwell, 500 E. Houston. Marble.
Stone—J. Maxwell & Son, 280 Broadway. Bluestone.
Marb.—Maxwell & Dempsey, 277 Cherry st. Marble.
Stone—R. Mayer & Co., 50 Broadway.

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NEW YORK—Continued.
M.E.—Geo. W. Maynard, Metallurgical and Mining Engineer.
B.Coal—Meeker & Co., 143 Liberty st.
Stone—G. Meier & Co., 12 Broadway.
Stone—B. Meiners, 49 Murray st.
Stone—Metropolitan Steam Stone Works, 507 E. 79th st.
B.Coal—Mexican National Coal & Timber Co., 32 Nassau st.
Stone—A. Meyers, 542 21st st.
B.Coal—W. Middleton, 78 Broadway.
M.E.—Spencer Miller, Mechanical Engineer, 96 Liberty st. Graduate Worcester Polytechnic Institute, 1879. Inventor of important improvements on cableways, manufactured by the Lidgerwood Manufacturing Co.
Stone—A. W. Mills, 57 N. 11th ave.
G.S.—Minas Prestas Mining Co., 38 Wall st. Gold and silver.
Gran.—Mowhegan Granite Co., 56 Beaver st.
B.Coal—T. N. Mondue, 1 Broadway.
Gran.—W. G. Monk, 41 Park Row. Granite.
Stone—Mooher Bros., 1402 Broadway.
Stone—A. E. Moran, E. 65th st.
Stone—D. Moran, 280 Broadway.
G.S.—Morning Star Consolidated Mining Co., 53 Broadway. Gold and silver.
Iron—Mount Hope Mining Co., 52 Wall st.
G.S.—Mount Pleasant Mining Co., 68 Wall st. Gold and silver.
Gran.—Mower Bros, 82 Nassau st. Granite.
Stone—J. J. Mulligan, 425 E. 53rd st.
Mica—Eugene Munsell & Co., 218 Water st. Mine at Franklin, N. C.
Slate—T. J. Murphy & Co., 136 Liberty st.
Marb.—Mycenian Marble Co., 536 W. 58th st.
Gran.—National Granite Co., 186 Fulton st.
Lead—National Lead Co., 287 Pearl st.
Nick.—National Nickel Mining Co., 56 Broadway.
Slate—National Slate Co., 246 W. 27th.
Stone—W. H. Nelson, 126 Liberty st.
Gold—Ne Plus Ultra Gold Mining Co., 60 Broadway.
Stone—Nester Blue Stone Co., 280 Broadway, and at Malden.
B.Coal—New Central Coal Co. of Maryland, 1 Broadway.
B.Coal—New Coaldale Coal Co., 412 Produce Exchange.
G.S.C.—New Columbia Gold Mining Co., 277, 38 Park Row. M. W. O'Boyle, pres.; James B. Brewster, v. pres.; H. H. Armstead, secy. and treas.; H. H. Armstead, Jr., gen. mgr. and buyer. Cap. stk. $5,000,000. Gold, silver and copper. Mines at Yellow Jacket, Idaho.
Gran.—New England Granite Wks., 431 11th ave.
Gran.—New England & Western Granite Co., 271 Broadway.
Gran.—New England Granite Co., 106 Fulton.
Iron—New Jersey & Pennsylvania Consolidated Iron Works, 44 Broad st.
Z.I.—New Jersey Zinc & Iron Co., 52 Wall st.
Onyx—New Pedrara Onyx Co., 644 First ave. S. F. Emmons, pres.; Whitman Cross, v. pres.; F. B. Weeks, secy. and treas.; G. S. Fellows, gen. mgr. Cap. stk. $1,000,000, pd. up. Quarry at Rosario, Lower California, Mexico.
B.Coal—G. B. Newton & Co., 1 Broadway.
Gold—New York and British Guiana Gold Mining Co., 145 Broadway. H. C. Barnet, pres.; J. S. Bailey, v. pres.; W. D. H. Washington, M. E., secy. and buyer; D. S. L. Lee, treas.; H. A. Adams, gen. mgr. Cap. stk. $1,000,000, pd. up. Claim at Asakaka Landing, Barrima district, Demerara, B. G.
G.S.—New York and Honduras Rosario Mg. Co., 18 Broadway. John J. Marvin, pres.; Wm. H. Power, v. pres.; Ernest Schernikow, secy. and buyer; S. Jacoby, treas. Cap. stk. $1,500,000. Gold and silver. Mine at San Juancito, Honduras, C. A. Ship per Pacific Mail S.S. Co. Rosario mine. Tunnels and adits. Refractory and free milling ore. 24,000 tons; 400 employes. 35-stamp mill. William Gierlings, mine supt.
Gran.—New York & Maine Granite Paving Co., 5 Beekman st.
Gran.—New York & New Jersey Granite & Paving Co., 253 Broadway.
B.Coal—New York & Philadelphia Coal & Coke Co., Produce Exchange.
B.Coal—New York & Virginia Mineral & Mining Co., 33 Wall st.
B.Coal—New York & West Virginia Coal & Iron Co., 31 Broadway.
Roll.M.—New York City Rolling Mills, 362 A st.
Stone—New York Freestone Quarry Co., 621 Broadway.
Min.—William Niven, Mineralogist, 853 Broadway.
Onyx—Wm. Niven, 853 Broadway. Quarry at Cuautla, Morelos, Mexico.
Slate—Nixon Red Slate Quarry Co., 35 Broadway.
Stone—North American Lithographic Stone Co., 224 Center st. Judge Gottfried Krueger, pres.; Henry Clausen, v. pres.; Wm. M. Sanford, secy. and gen. mgr.; Christian Feigenspan, treas.; Wm. J. Joyce, M. E., supt. and buyer. Cap. stk. $200,000, pd. up. Lithographic stone. Quarry at Marmora, Ontario.
Gran.—North American Pyrogranite Co., 52 W. 15th st. Granite.
Iron—North Star Iron Co., 46 Wall st.

NEW YORK—Continued.

Gold—Numsoac Mining Co., 13 Seventh ave. Chas. A. Osmun, pres.; Jacob C. Michael, v. pres.; John T. Harrison, secy. and treas.; Dan W. Soward, gen. mgr. and buyer. Cap. stk. $30,000, pd. up. Mine at Antelope Springs, Colo.

Stone—Thos. O'Brien, Bideo ave., N.E. 140th st.

Stone—J. O'Neil, 88 Fulton st.

B.Coal—Ohio & Big Sandy Coal Co., 120 Broadway.

B.Coal—Ohio Mining & Manufacturing Co., 44 Pine.

Gold—Omega Gold Mines (Company not yet organized), 108 Fulton st. Mines at Pactola, S. Dakota.

B.Coal—C. B. Orcutt, 1 Broadway.

Smlt.—Orford Copper Co., 37-39 Wall st. Smelter.

Phos.—Osceola Phosphate Co., 19 Whitehall st.

Gold—Osceola Placer Mining Co., 31 Nassau st. W. D. Kunhardt, pres.; A. R. Harrison, secy. and treas.; J. H. Marriott, gen. mgr. Cap. stk. $5,000,000. Mines at Osceola, Nev.

Gran.—Ossipee Valley Granite Co., 63 Park Row. H. E. Carleton, pres.; O. T. Hungerford, treas., gen. mgr. and buyer. Cap. stk. $200,000, $175,000 pd. up. Quarries at Ossipee Valley and Madison, N. H.

Stone—J. Osterhondt, 281 Broadway.

Stone—P. Otto, 892 Jackson st.

Copp.—Oxford Copper Co., 37 Wall.

Gold—Oxford G. Mining Co., 45 Broadway.

Ochre—Oxford Ochre Co., 24 Liberty st.

Gold—H. T. Oxnard, Mine at Bannack, Mont.

Wax—Ozocerite Mining Co., 280 Broad st.

Mica—Palermo Mica Co., 27 Peck Slip.

Stone—Palisades Trap Rock Co., 261 Broadway.

Gold—C. H. Parmelee and others. Claim at Alexander City, Ala.

Stone—Passaic Quarry Co., 38 Park Row.

Blasting-App.—James J. Pearson, 27 Thames St. Electric Blasting Apparatus, Sparking Batteries, etc.

Stone—D. G. Pecora, 213 E. 102nd.

M.E.—Robert Peele, Mining Engineer. Adjunct Professor of Mining, School of Mines, Columbia College, 41 East 49th st.

B.Coal—Peerless Coal & Coke Co., 41 Park Row.

A.Coal—Pennsylvania Coal Co., 1 Broadway. Sam'l Thorne, pres.; Geo. W. Quintard, 1st v. pres.; W. V. S. Thorne, 2nd v. pres.; Morris B. Mead, secy.; W. E. Street, treas.; Thos. Hodgen, sales agent. Mines at Dunmore, Scranton, Pittston, Hughestown, Jenkins Twp. and Old Forge Twp., Pa.

Slate—Penryn Slate Co., 101 E. 17th st.

A.Coal—Perham Crook, 1 Broadway.

Stone—John Pierce, 5 Beekman st.

Gran.—J. Pierce, 826 Temple Court. Granite.

A.Coal—Pike County Coal Co., 120 Broadway.

Assy.—Chas. S. Platt, Assayer.

A.Coal—Pleasant Valley Coal Co., 32 Nassau st.

Gran.—H. M. Potter, 106 Fulton st. Granite.

B.Coal—T. A. Potts & Co., 143 Liberty st.

B.Coal—R. H. Powell & Co., 29 Broadway.

Stone—Prentice Brown Stone Co., 44 Broadway.

Marb.—A. L. Pritchard, 155 Broadway. Marble.

Steam-Pumps—The Pulsometer Steam Pump Co., 135 Greenwich St. The Pulsometer Steam Pump for general mine and quarry drainage and other service. Catalogue on application.

Stone—F. H. Pusson, 3 Union Square.

Copp.—Quincy Mining Co. Copper. Mines at Hancock, Mich.

Machinery—Rand Drill Company, 100 Broadway. Manufacturers of Rock Drills, Air Compressors and General Mining Machinery.

Stone—Randall & Underwood, 280 Broadway.

M.E.—S. E. Rannheine, B. Sc., Mining Engineer, 106-108 Fulton st.

M.E.—John C. F. Randolph, A. M., E. M., Consulting Mining Engineer, 35 Wall st.

Stone—Rawnsley & Jackson, 320 E. 46th st.

M.E.—Rossiter W. Raymond, Metallurgist and Mining Engineer, 13 Burling Slip. Secretary American Institute of Mining Engineers.

A.Coal—Reakut Bros. & Co., 78 Broadway.

M.E.E.—Jesse W. Reno, Mining and Electrical Engineer.

Gold—Rich Hill Placer Co., 11 Wall st.

Gran.—Richmond Granite Co., 1 Madison st.

Marb.—E. Richtmann, Jr., 6 Harrison st. Marble.

Talc—Rickard & Hewitt, 104 John st. Mine at Hewitts, N. C.

Stone—T. Ritchie & Son, 289 4th ave.

B.Coal—Roaring Creek Coal & Coke Co., 45 Broadway.

Gran.—Wm. Robinson, 1146 Broadway. Granite.

B.Fur.—Robinson Bros. Blast furnace.

B.Coal—Robinson, Hayden & Co., 1 Broadway.

Stone—Rocky Hill Quarry Co., 50 Broadway.

Chemicals—Roessler & Hasslacher Chemical Co., 73 Pine st. Jacob Hasslacher, pres.; Franz Roessler, v. pres.; W. A. Hamann, secy. Cap. stk. $250,000, pd. up. Manufacturers of and Dealers in Cyanide of Potassium, Ferri-cyanide of Potassium, Peroxide of Sodium, Hyposulphite of Soda, Sulphide of Iron and other chemicals.

Stone—Rogers & Tapper, 280 Broadway.

Stone—P. H. Rooney, 406 E. 100th st.

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NEW YORK—Continued.

B.Coal—Rousel & Hicks, 1 Broadway.

Gran.—D. Rusk, 45 Broadway. Granite.

Stone—Russell & Munro, foot W. 51st st.

Stone—Saffer & Rheinhart, 211 E. 22nd st.

G.S.L.—San Juan Mining & Milling Co., 65 Fulton st. W. S. Estey, pres.; C. R. Hetfield, treas.; J. E. Briggs, M. E., gen. mgr. and buyer. Cap. stk. $600,000, pd. up. Gold, silver and lead. Mines at Eureka, Colo.

G.S.—Santa Juliana Mg. & M. Co., 66 Broadway. C. B. Brown, pres., gen. mgr. and buyer; M. E. Vinton, v. pres.; Chas. E. Phelps, secy.; E. C. Creel, treas. Cap. stk. $300,000, $30,000, pd. up. Gold and silver. Mine at Ocampo, Chihuahua, Mex.

Stone—Sandy Hill Quarry Co., 143 Liberty st.

Stone—T. Schaeffer & Son, 410 E. 48th st.

Marb.—Sens Schenbner & Frederick, 405 E. 108th st. Marble.

Stone—Schlegelmitch & Son, 420 E. 18th st.

Stone—H. Schmidt & Co., 143 Worth st.

Stone—T. Schmitt, 409 21st st.

C.M.E.—Emerich Joseph Schmitz, Mining and Civil Engineer, 164 E. 80th st. Specialties: Difficult geological researches. Expert on the coal and iron ores of the United States, Canada and Mexico.

Stone—A. O. Schoomaker, 158 Williams st.

Stone—P. Schurter, 280 Broadway.

Chem.—Dr. Hugo Schweitzer, Analytical and Consulting Chemist. Member American Chemical Society, German Chemical Society and Society of Chemical Industry.

Stone—J. H. Scully, 408 E. 101st st.

Slate—W. Sheridan, 385 Brook st.

Stone—G. P. Sherwood & Co., American Tract Society's Building, cor. Nassau and Spruce sts. Sandstone. Quarries at Wallace, Nova Scotia; and Moncton, New Brunswick.

Gran.—J. H. Shipway & Bro., 105 E. 128th st. Granite.

Stone—Ed. Shuttleworth, foot of E. 104th st.

Silv.—Silver Metal Co., 50 Broadway.

G.S.L.—Silver Hill Mining Co., 50 Broadway. J. M. Prim, gen. mgr., buyer and mine supt. Gold, silver, lead and zinc. Mine at Lexington, N. C.

Stone—Jas. Sinclair, 413 E. 29th st.

Silv.—Small Hopes Consolidated Mining Co., 1 Broadway. R. C. McCormick, pres.; R. C. Kerens, v. pres.; C. A. Cameron, secy. and treas.; S. W. Mudd, gen. mgr. Cap. stk. $5,000,000, pd. up. Silver. Mine at Leadville, Colo.

Stone—J. R. Smith, foot E. 103rd st.

Marb.—Snowflake Marble Co., 155 Broadway.

B.Coal—T. Somner, 1 Broadway.

Stone—P. C. Sonius & Sons, 400 E. 37th.

G.S.—South Dakota Mining Co., 535 Pearl st. Gold and silver.

Marb.—South Dover Marble Co., 156 5th ave. L. H. Malone, pres. Quarry at South Dover.

Iron—Spanish American Iron Co., 1 Broadway.

B.Coal—Southwestern Coal and Improvement Co., 33 Wall st. Wm. Bond, pres.; Thos. C. Purdy, v. pres.; C. G. Hedye, secy. and treas.; A. A. Allen, act. gen. mgr.; C. N. Stevens, buyer. Mines at Colgate, Ind. Ter.

Asbs.—Standard Asbestos Co., 120 Broadway. Hon. J. E. Campbell, pres. Mine at Bridgewater, Ont.

Roll.M.—Standard Rolling Mill, 40th & 11th sts.

B.Coal—Staples Coal Co., 1 Broadway.

Chem.—Dr. James H. Stebbins, Jr., Analytical and Consulting Chemist.

The Steel Rail Supply Co., 10 Wall St. New and Second-hand Steel Rails, Mine Locomotives, Rail Fittings, etc.

Iron—Sterling Iron & Rolling Works, 43 Wall st.

L.Z.—Sterling Lead & Zinc Co., 80 Wall st.

Marb.—A. Stevens, 165 Broadway. Marble.

Marb.—Stevenson & Blew, 427 W. 14th st. Marble.

Stone—W. J. Stewart, 406 W. 18th st.

Stone—Stockmeger Bros., 430 E. 62nd st.

Slate—W. Stoneback.

Chem.—Joseph Struthers, Teacher of Metallurgy, Mineralogy and Chemistry, Columbia College, 41 E. 49th st.

Stone—J. H. Sturk & Co., 324 E. 102nd st.

Silv.—Surprise Mining & Milling Co., 262 Tenth ave. P. A. Graff, secy. and treas. Silver. Mine at Panamint, Cal.

Stone—E. Sweeney & Son., 229 Broadway.

Gold—Syndicate Gold Mines & Mill Co., 194 Broadway. Col. J. J. Gifford, pres.; H. M. Hills, v. pres.; H. A. Springett, secy.; E. B. Adler, treas.; T. W. Reece, supt and gen. mgr. Cap. stk. $5,000,000. Claim at Forbestown, Cal.

Anti.—Jas. Sutherland, 16 Exchange Place. Antimony.

Stone—C. E. Taynton & Co., 233 Broadway.

Stone—S. Tebbut, 19 Broadway.

Phos.—Terraceia Phosphate Co., 11 William st.

Stone—H. Teustner, 143 Worth st.

Marb.—Theis & Janssen, 413 E. 26th st. Marble.

Stone—Thillman & Wennemer, 204 E. 86th.

Stone—R. G. Thompson, 941 E. 122nd st.

Stone—Tompkins Cove Stone Co., 32 Nassau st.

Stone—W. C. Townsend, 138 5th ave.

NEW YORK—Continued.
Stone—J. J. & T. P. Treanor, 547 W. 45th st.
Marb.—Tuckahoe Marble Co., 413 E. 29th st.
C.G.—Tuerto Mountain Copper & Gold Co., 280 Broadway.
Stone—D. Tulloch, 302 E. 108th st.
Gran.—Ulster Granite Co., 25 Whitehall st.
Stone—Ulster Blue Stone Co., 280 Broadway. B. Taylor Harris, pres. and buyer; Sam'l Coles, secy. and treas. Cap. stk. $100,000, pd. up. Bluestone. Quarry at Malden.
Slate—J. W. Underhill, 35 Broadway.
Phos.—Union Phosphate Mining Co.
Smlt.—United Smelting & Refining Co., 80 Broadway. Abram S. Hewitt, pres.; W. S. Gurney, treas.; Henry Suhr, secy.; Barton Sewell, gen. mgr. Smelting works at East Helena and Great Falls, Mont. Refinery, National Smelting and Refining Co., Chicago.
S.L.Z.—Vallecillo Mining Co. Robert Arntz, administrator. Silver, lead and zinc. Mines 42 miles from Villaldama, state of Nuevo Leon, Mexico.
Mica—Valencia Mica Co., 39 Cortlandt st.
Stone—Van Wagner & Duff, 199 Chambers st. Quarry at Fairview, N. J.
A.Coal—A. S. Van Winkle & Co., 1 Broadway.
B.Fur.—Vanderbilt Steel and Iron Co., 23 Beaver st. Geo. O. Vanderbilt, pres.; C. A. Meissner, v. pres. and gen. mgr.; Fred T. Ackerman, secy. and treas. Blast furnaces and works at Birmingham, Ala.
Stone—J. Vesey, 1125 1st ave.
G.S.—Victoria Tunnel Co., 111 Broadway. Gold and silver.
A.Coal—Vinton Colliery Co., 1 Broadway.
Stone—Volkening & Co., 232 E. 44th st.
Stone—J. H. Walling, 108 Fulton st.
C.M.E.—D. H. Washington, Civil and Mining Engineer.
Gran.—Washington Granite Quarry, 59 Liberty st.
A.Coal—R. R. Wayton & Son, 1 Broadway.
G.S.L.—Jno. W. Weed, Germania Bldg. Gold, silver and lead. Mine at Lexington, N. C.
Stone—Arthur Wells, 145 Broadway.
A.Coal—J. K. Wells, 1 Broadway.
Stone—F. Westpfal, 132 Essex st.
Gran.—White Granite Co., 547 W. 14th st. Niles G. White, pres.; Alfred Le Poidevin, v. pres. and gen. mgr.; J. E. Dutton, secy. and treas. Quarry at Bluehill, Maine.
Slate—White Oak Slate Co., 18 Burling Slip.
Gold—White Star Consolidated Mining Co., 29 Broadway. J. H. H. Williams, pres.; Arthur W. Sawyer, v. pres.; S. V. Harron, secy. Cap. stk. $1,500,000. Mine at Rocky Bar, Idaho. (Idle.)
Slate—B. A. & G. N. Williams, Ave. A, cor. E. 68th st.
Stone—Williams & Co., 90 Ann st.
B.Coal—Williams & Peters, 1 Broadway.
Gold—Windsor Consolidated Mining Co., 29 Broadway. J. H. H. Williams, pres.; Henry Dawson, v. pres.; Samuel V. Harron, secy. and treas. Cap. stk. $400,000. Claim at Boulder, Colo.
Slate—W. A. Winsboro, 35 Broadway.
Machy.—George Randolph Wood, 53 Broadway. Dealer in Locomotive and Stationary Engines, all Kinds of Railway and Mining Machinery.
Stone—W. R. Wood, 19 Broadway.
Stone—A. H. Woodward & Co., 280 Broadway.
Slate—C. F. Woodward & Co., 256 Broadway.
Salt—Worcester Salt Co., 168 Dunne st. Works at Silver Springs.
Salt—C. S. Worden, 6 Harrison.
B.Coal—Wyoming Coal Co., 143 Liberty st.

NORTH GRANVILLE, Washington Co. Pop. 599. M.O. Ry. Middle Granville, 243.
Slate—Baker Red Slate Co.
Slate—Robert A. Hall. Hatch Hill Red Slate Works; 150 ft. daily capacity. Paint mill, 40 bbls. daily capacity.

NORTH TONAWANDA, Niagara Co. Pop. 4,793. M.O. Tel. Ry. 596.
Iron—Tonawanda Iron and Steel Co. W. A. Rogers, pres. and treas.; Archer Brown, v. pres.; G. G. Hamilton, secy. Cap. stk. $500,000, pd. up. Two miles ry., 1 locomotive, 12 cars.

OAKFIELD, Genesee Co. Pop. 578. M.O. Tel. Ry. 932.
Stone—Olmstead & Stopas.

OGDENSBURG, St. Lawrence Co. Pop. 11,670. M.O. Tel. Ry. 136; 749.
Iron—Rossie Iron Works, New York.

OLEAN, Cattaraugus Co. Pop. 7,358. M.O. Tel. Ry. 128; 598; 929.
Stone—Milo Cook.

ONEIDA, Madison Co. Pop. 6,083. M.O. Tel. Ry. 596; 600.
Stone—Frank E. Conley.

ONEONTA, Otsego Co. Pop. 6,272. M.O. Tel. Ry. 243.
Min.Pt.—Ben Homer & Co. Mineral paint.

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OSWEGO, Oswego Co. Pop. 22,000. M.O. Tel. Ry. 244; 600; 749.
Stone—Granby Brown Stone Co. Sandstone.

OXFORD, Chenango Co. Pop. 1,477. M.O. Tel. Ry. 244; 600.
Stone—F. G. Clark Blue Stone Co. Oxford quarry. Bluestone mill. Steam.

PALATINE BRIDGE, Montgomery Co. Pop. 394. M.O. Tel. Ry. 596. Banking town Canajoharie.
Stone—S. L. & A. B. Frey.

PATTERSON, Putnam Co. Pop. 469. M.O. Tel. Ry. 596. Banking town Brewster.
Marb.—Beech Island Marble Co., Ltd. Orlando W. Joslyn, v. pres.; E. K. Hayt, secy. Cap. stk. $150,000, pd. up. Beech Island quarry. Variegated marble.

PEEKSKILL, Westchester Co. Pop. 9,676. M.O. Tel. Ry. 596.
Coru.—New York Emery Co. Corundum.

PHELPS, Ontario Co. Pop. 1,336. M.O. Tel. Ry. 465; 596.
Gyp.—A. D. Miller. Gypsum. 300 tons. Plaster mill, 8 tons daily capacity. Water.

PHILLIPSTOWN, Putnam Co. Ship and P.O. Cold Spring. P.O. and Ry. Cold Spring, 596.
Gran.—Chas. W. Bailey. Breakneck quarry. Granite mill.

PIFFARD, Livingston Co. Pop. 314. M.O. Tel. Ry. 929. Banking town Mount Morris.
Salt—Genesee Salt Co., New York. Well.

PLATTSBURG, Clinton Co. Pop. 7,015. M.O. Tel. Ry. 142; 243.
Roll.M.—Chateaugay Ore & Iron Co., 21 Cortlandt st., New York. Rolling mill.

POMEROY, Onondaga Co. P.O. and Ry. Tully, 244.
Salt—Ebersbach, Schaeffer & Co. Well.

PORT CHESTER, Westchester Co. Pop. 5,274. M.O. Tel. Ry. 599.
Stone—Carpenter Bros. Trap rock.
Stone—S. D. Hill.
Stone—G. H. Ritch & Bros.

PORT HENRY, Essex Co. Pop. 2,436. M.O. Tel. Ry. 243.
Iron—Bay State Iron Co.
Iron—Lake Champlain Iron Ore Co.
Fur.Supt.—N. M. Langdon, Blast furnace superintendent.
Iron—O. S. Presbury.
B.Fur.—Witherbee, Sherman & Co. Blast furnace.

POTSDAM, St. Lawrence Co. Pop. 3,961. M.O. Tel. Ry. 749.
Stone—T. S. Clarkson.
Stone—Potsdam Red Sandstone Co.

POUGHKEEPSIE, Dutchess Co. Pop. 22,210. M.O. Tel. Ry. 596; 674; 706.
Iron—Forest of Dean Iron Ore Co. Mine at Fort Montgomery.
Iron—O. E. Tower & Bros.

ROCHESTER, Monroe Co. Pop. 134,000. M.O. Tel. Ry. 98; 339a; 465; 596; 598; 741; 749; 929.
Asbs.—Asbestos Pulp Co.
Stone—H. S. Brown.
B.Fur.—Charlotte Iron Works. Blast furnace.
G.S.—Coosa Creek Mining Co. Gold and silver.
Coal—W. C. Dickinson, 13 E. Main.
Coal—George Eugert & Co.
Stone—Foery & Kastner.
M.Stone—T. C. Harnden. Millstones. 300 pairs; 300 days; 12 employes.
Slate—H. S. Hebard.
Silv.—Horse Shoe Silver Mining Co. Silver.
Gold—Kootenai Hydraulic Mining Co., 714 Wilder Bldg. Wm. Sage, pres.; Jas. Downs, v. pres.; H. M. Goodhue, secy.; H. E. Ball, treas.; Geo. J. Goodhue, gen. mgr. and buyer. Cap. stk. $500,000, pd. up. Placer claims at Waneta, B. C.
Stone—Lauer and Hagaman. Goodman st. quarry. Limestone. 500 cords; 150 days; 8 employes. Steam. Crushed stone. 75 yds. daily cap.
M.Stone—Marrion & Worden Bros. Millstone.
G.S.—Pyramid Silver Mining Co., Wilder Bldg.
Stone—Rochester Medina Stone Co. Sandstone.
B.Coal—Rochester & Pittsburgh Coal & Iron Co. Geo. E. Merchant, pres.; Joseph B. Bourne, New York, secy.; Geo. H. Clune, treas.; L. W. Robinson, gen. mgr. Cap. stk. $4,000,000, pd. up. Mines at Punxsutawney, Pa.
Iron—Rochester & Pittsburg Coal & Iron Co. Mine at Beechtree, Pa.
Stone—E. R. Tanner.

ROCHESTER—Continued.
Gold—E. R. Trimble, 88 Park Ave. Mine at Blairsville, Ga.
B.Coal—E. M. Upton Coal Co.

ROME, Oneida Co. Pop. 14,991. M.O. Tel. Ry. 596; 600; 749.
Roll.M.—Rome Merchant Iron Co. Rolling mill.

SALEM, Washington Co. Pop. 1,504. M.O. Tel. Ry. 243.
Slate—C. H. Pierce.
Slate—J. M. Williams.

SANDLAKE, Rensselaer Co. Pop. 781. M.O. Tel. Banking town and Ry. Troy, 243; 305; 596.
Slate—Cornelius Snyder.

SANDY HILL, Washington Co. Pop. 2,895. M.O. Tel. Ry. 243.
Stone—Drake & Stratton Co., New York. Kingsbury Bluestone quarry. Limestone. 20,000 yds.; 200 days; 100 employes. Steam and electricity. Crusher, 100 yds. daily cap. Operate 3 miles railroad; 1 locomotive; 40 cars. D. M. Monty, quarry supt.

SCHENECTADY, Schenectady Co. Pop. 20,000. M.O. Tel. Ry. 243; 596.
C.E.—Olin H Landreth. Consulting Engineer.

SHELBY BASIN, Orleans Co. Ry. Medina, 596.
Stone—John Le Valley. Sandstone.

SILVERSPRINGS, Wyoming Co. Pop. 600. M.O. Tel. Ry. 98; 598; 822. Banking town Warsaw.
Salt—Duncan Salt Co.

SKANEATELES, Onondaga Co. Pop. 1,559. M.O. Tel. Ry. 830.
Stone—P. C. Carrigan & Co.

SOUTH DOVER, Dutchess Co. Pop. 59. Tel. Ry. 596. Banking town Dover Plains.
Marb.—South Dover Marble Co., New York. White marble.

SUFFERN, Rockland Co. Pop. 756. M.O. Tel. Ry. 598. Banking town Haverstraw.
Gran.—Hilburn Granite Co.
Gran.—Suffern Granite Co., P.O. Box 196. Patrick Rice, pres.; Daniel Rice, secy. and treas.

SULLIVAN, Madison Co. Ry. East Boston, 596. Banking town Canastota.
Gyp.—R. D. Button. Gypsum.

SYRACUSE, Onondaga Co. Pop. 89,000. M.O. Tel. Ry. 244; 596; 749; 932.
Gyp.—Adamant Manufacturing Co. Gypsum.
Salt—E. A. Alford.
Salt—American Dairy Salt Co.
Salt—Cape Cod Coarse Salt Co.
Salt—G. A. & A. Clark.
Salt—P. Corkings.
Stone—W. Crabtree.
Salt—Draper & Porter.
Salt—M. R. Hays.
B.Coal—Haywood Coal Mining Co.
Salt—Highland Coarse Salt Co. Works at Liverpool.
Salt—W. Killian.
B.Coal—Leighton Bros. & Sons.
Salt—D. Lynch.
Salt—J. Maloney.
Salt—R. Mara.
Salt—A. Martin.
Stone—D. W. Mavin.
Salt—A. McKeever.
Salt—Onondaga Coarse Salt Association.
Salt—P. W. Peck.
Salt—Patrick Pendergast.
Salt—Salina Coarse & Fine Salt Co.
Salt—Salt Springs Solar Coarse Salt Co.
Roll.M.—Sanderson Bros. Steel Co. Rolling mill.
Stone—Seifert & Hostler.
Roll.M.—Syracuse Steel Foundry Co.
B.Coal—J. M. Ward.
Salt—Western Coarse Salt Co. Wells. Steam and water.

TARRYTOWN, Westchester Co. Pop. 3,565. M.O. Tel. Ry. 596.
Stone—S. J. Sackett. Nepperoco quarry. Gneiss rock. (Local.)

THOMASTON, Queens Co. Tel. Ry. Great Neck Station, 475.
Slate—E. G. Ellis.

TONAWANDA, Erie Co. Pop. 7,145. M.O. Tel. Ry. 596; 598.
Tripoli—Tonawanda Tripoli Co. Mines at Talladega, Ala.

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TROY, Rensselaer Co. Pop. 61,000. M.O. Tel. Ry. 243; 305; 596.
R.M.Fur.—Burden Iron Co. Rolling mill and blast furnace.
Roll.M.—Colwell & Page. Rolling mill.
Marb.—Peter Grant. Marble.
Salt—Robt. Harvey.
Gran.—Martin Hunt & Son. Granite.
B.Coal—David Judson Coal Co.
Stone—McDonald Stone Co.
Min.Pt.—F. Thomas. Pinewoods Ave. Paint Works. Cap. $10,000. Ground slate. 6 tons daily; 270 days; 4 men. Water.
R.M.Fur.—Troy Steel & Iron Co. Rolling mill and blast furnace.
Gran.—W. H. Young. Granite.
Marb.—W. H. Young & Son. Marble.

TUCKAHOE, Westchester Co. Pop. 1,769. M.O. Tel. Ry. 596. Banking town White Plains.
Stone—New York Quarry Co.
Marb.—Norcross Bros., Worcester, Mass. Marble quarry. 40,000 ft.; 275 days; 50 employes. Marble saw mill. Steam. J. M. Masterton, quarry supt.

UNION SPRINGS, Cayuga Co. Pop. 1,066. M.O. Tel. Ry. 465.
Stone—A. B. Niles.

UTICA, Oneida Co. Pop. 44,010. M.O. Tel. Ry. 244; 596; 600; 749; 932.
Marb.—Donsback & Farle. Marble.
Mica—New York State Mica Co.
Gran.—G. W. Sanborn. Granite.

VICTOR, Ontario Co. Pop. 778. M.O. Tel. Ry. 465; 596.
Gyp.—Theo. Conover. Gypsum.

WALTON, Delaware Co. Pop. 2,299. M.O. Tel. Ry. 600.
Marb.—E. Caterson. Marble.
Marb.—R. Caterson. Marble.
Marb.—P. Cell. Marble.
Marb.—G. Chetto. Marble.
Marb.—W. C. Clark. Marble.

WARSAW, Wyoming Co. Pop. 3,120. M.O. Tel. Ry. 98; 598.
Salt—Hawley Salt Co. Well.
Stone—E. Jones.
Salt—Miller Salt Co. Well.
Stone—Warsaw Blue Stone Co.

WATERLOO, Seneca Co. Pop. 4,350. M.O. Tel. Ry. 596.
Stone—John Emmetts.

WATERTOWN, Jefferson Co. Pop. 14,725. M.O. Tel. Ry. 749.
Stone—Wm. Morrison.

WAWARSING, Ulster Co. Pop. 332. Tel. Banking town and Ry. Ellenville, 600.
Stone—T. A. Lawrence.

WESTPORT, Essex Co. Pop. 563. M.O. Tel. Ry. 243. Banking town Port Henry.
Gran.—Westport Granite Co., Boston, Mass.

WEST TROY, Albany Co. Pop. 12,970. M.O. Tel. Ry. 243.
Gran.—Jas. Gazely. Granite.
Gran.—J. E. Hughn. Granite.
Stone—Wm. Salzberger.

WHEATLAND, Monroe Co. P.O. Mumford. Ry. 98.
Gyp.—J. W. Garbutt. Gypsum. 250 days; 36 employes. Water. Plaster mill. 3,000 tons

WHITEHALL, Washington Co. Pop. 4,435. M.O. Tel. Ry. 243.
Slate—Robert A. Hall. Red slate quarry. Slate works and paint mill at N. Granville.

WOODLAND, Ulster Co. Pop. 38. Ry. Phoenicia, 896. Banking town Kingston.
Stone—Setz & Bianchi. Millstones.

WOODLAWN, Westchester Co. P.O. Mt. Vernon. Ry. 596; 599.
Marb.—Lazzari & Barton. Marble.
Gran.—Texas & New York Granite Co. Granite.

NORTH CAROLINA

ALBEMARLE, Stanly Co. Pop. 248. M.O. Tel. Ry. 838. Banking town Salisbury.
G.S.—Moratock Mining Co. Gold and silver.

ASHEVILLE, Buncombe Co. Pop. 10,235. M.O. Tel. Ry. 838.
Mica—Abomarthy & Rorison, Bakersville. Black Mountain mine. Open pit, 60 ft. Steam.
Mica—Ashville Investment Co. Mine at Grassy Creek.
Mica—F. A. Hull.
G.S.—Levi Jackson. Gold and silver.
Mica—Penniman & Co.
Gold—Thomas Gold Mining Co.
Cor.—Western North Carolina Corundum Co. John W. Phinney, pres.; Arthur E. Jenks, secy. and treas.; Chas. N. Jenks, gen. mgr. Mine at Acworth, Ga.

BAKERSVILLE, Mitchell Co. Pop. 615. M.O. Ry. Cranberry, 278. Banking town Elizabethton, Tenn.
Mica—Abomarthy & Rorison. Mine at Asheville.
Iron—D. A. Bowman.
Mica—John Collis, Estatoe. Murphy Rock mine. Open pit.
Mica—Flat Rock Mining Co., Penland. Flat Rock mine.
Mica—Gutleson & Rorison, Spruce Pine. Mica mine. Shaft, 80 ft. 300 days; 16 employes. Steam.
Iron—Isaac McKinney.
Mica—J. L. Rorison. Cloudland mine. Shaft, 250 ft. 300 days; 12 employes. Steam.

BARKER, Jackson Co. Ry. Dillsboro, 838. Banking town Waynesville.
Mica—Jesse Jones.

BATTLEBORO, Nash Co. Pop. 230. M.O. Tel. Ry. 89. Banking town Rocky Mount.
Gran.—Grant & Gordon. Granite.

BENSALEM, Moore Co. Ry. Candor, 3a. Banking town Raleigh.
G.S.—Tyra Gold Co. Gold and silver.

BESSEMER CITY, Gaston Co. Tel. Ry. 838. Banking town Gastonia.
Iron—Bessemer City Mining & Manufacturing Co. Ormond, Little Mount, Ferguson and Orr Hill mines. Shafts.

BETA, Jackson Co. Ry. 838. Banking town Waynesville.
Stone—W. P. Mills.

BLUEWING, Grandville Co. Pop. 58. Ry. Virgiliana, Va., 34. Banking town Oxford.
Copp.—Blue Wing Copper Co. Blue Wing mine. Shaft. Steam.
Copp.—A. W. Hendricks. Copper.
Copp.—John H. Reeds. Copper.
Copp.—Rife & Logan. Copper.

BRINDLETOWN, Burke Co. Pop. 82. Banking town and Ry. Morganton, 838.
Gold—Boyd & Co. Placer. Hancock mine.
Gold—Carolina Queen Gold Mine. Frank W. Boyd, supt.
Gold—M. H. Goins. Brindletown mine. Placer.
Gold—F. A. Johnson. Queen mine. Placer.
Gold—W. Kelley. White Bank mine. Placer.
Gold—John C. Landreau. Hancock mine. Placer.
Gold—Wm. Long. Vein mine. Tunnel.
Gold—Cyrus Settlenyre. Placer.

BROOKSTON, Vance Co. Pop. 31. Ry. Greystone, 806. Banking town Henderson.
Stone—P. Lenehan & Co.

BRYANTSVILLE, Iredell Co. Ry. Statesville, 838.
Stone—Carolina Brown Stone Co. Carolina quarry. Slope. Steam.

BURNSVILLE, Yancey Co. Pop. 140. M.O. Ry. Marion, 838. Banking town Asheville.
Mica—J. L. Gibbs. Black mica. 50 tons.
Mica—W. E. Gouge. Open pit.
Iron—J. I. Hyatt.
Mica—G. D. Ray.
I.Cor.—Ray & Burton. Magnetite ore and corundum. Open pit. Horse.
Iron—L. H. Smith.

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CARTHAGE, Moore Co. Pop. 485. M.O. Tel. Ry. 125a; 126. Banking town Raleigh.
Stone—Grimme Brownstone & Improvement Co.

CASHIERS, Jackson Co. Ry. Sylva, 838. Banking town Waynesville.
Mica—Wm. Bolic.
Mica—Norton Lurk.
Mica—J. F. Rice. Mine at Hadden Mountain.
Mica—W. H. C. Rice. Galveston mine. Shaft. 4,000 lbs.

CASTLE HAYNE, New Hanover Co. P.O. Castle. Tel. Ry. 39. Banking town Wilmington.
Phos.—North Carolina Phosphate Co.

CATAWBA, Catawba Co. Pop. 196. M.O. Tel. Ry. 838. Banking town Statesville.
I.Fur.—J. A. Blackwelder. Catawba Valley Iron Works. Shaft. Tunnel. Furnace.

CELO, Yancey Co. Ry. Marion, 838.
Mica—Wm. Blalock.
Mica—Joshua Gibbs.
Mica—Louis McCarth.
Mica—Richard Robinson.

CHANDLERS GROVE, Montgomery Co. P.O. Chandler. Banking town and Ry. Lexington, 838.
Gold—W. E. Russell. Russell mine. Open pit.
Stone—T. Taylor.

CHAPELHILL, Orange Co. Pop. 1,017. M.O. Tel. Ry. 838. Banking town Durham.
Geol.—Joseph A. Holmes, State Geologist. Graduate Cornell University. Mem. Am. Geol. Soc. and Am. Inst. Mg. Engineers.

CHARLOTTE, Mecklenburg Co. Pop. 11,560. M.O. Tel. Ry. 806; 838.
Gran.—Charlotte Granite Co. A. C. Summerville, pres.; J. D. Church, v. pres.; C. M. Carson, secy., treas., gen. mgr. and buyer. Cap. stk. $6,700, pd. up. Quarry at Mooresville.
Stone—Johnson & Elliott.

CLEAR CREEK, Mecklenburg Co. P.O. Hoods. Ry. Charlotte, 838.
G.S.—Simpson River Silver and Gold Mining Co., Hornet. Gold and silver. Tunnel. Steam.

CORNWALL, Granville Co. Ry. Stovall, 838. Banking town Oxford.
Iron—W. Raker & Co. Raker mine. Shaft.

COWANSFORD, Mecklenburg Co. Pop. 30. Banking town and Ry. Charlotte, 806; 838.
Stone—J. W. A. Payne.

COWARTS, Jackson Co. Ry. Sylva, 838. Banking town Waynesville.
Mica—John H. Smith. Open pit.

CRANBERRY, Mitchell Co. Tel. Ry. 278. Banking town Elizabethton, Tenn.
I.Fur.—Cranberry Iron & Coal Co. Cranberry mine. Magnetic ore. Tunnel. Steam. Blast furnace.
Mica—Steven M. Pitman.
Mica—Western Carolina Mica Co., Plumtree. Mica and feldspar. Steam.

CULLASAJA, Macon Co. Pop. 40. Ry. Dillsboro, 838. Banking town Waynesville.
Mica—Camden Hill Mining Co.

CULLOWHEE, Jackson Co. Ry. Sylva, 838. Banking town Waynesville.
Cor.—Carolina Corundum Co., Newport, Ky. Cullowhee mine. Corundum. Tunnels, 400 ft. 90 tons daily: 250 days; 15 employes. Corundum mill, 10 tons daily capacity. Steam.
Copp.—Southern Mining & Milling Co. Copper.

CUMNOCK, Chatham Co. Ry. 116; 720.
B.Coal—New York Gas Coal Co.

DANBURY, Stokes Co. Pop. 167. M.O. Ry. Walnut Cove, 116; 608. Banking town Winston.
Iron—Carolina Mining & Investment Co. Magnetic mine. Open pit.
I.Ma.Mi.—Pepper & Sons. Three claims. Iron, manganese and mica. (Idle.)

DEMMING, McDowell Co. Ry. Thermal City, 628. Banking town Asheville.
G.Gems—Marion Bullion Co., Harrisburg, Pa. Marion Bullion mine. Shafts, 40 to 130 ft. Tunnels, 100 to 400 ft., and placers. Gold, gems, mica and rare minerals. Free and refractory ores. 300 days; 25 employes. Water. John J. Sprouse, mine supt.
G.Gems—Marion Improvement Co., 17 North Third st., Harrisburg, Pa. Shafts, 126, 60 and 55 ft. Tunnels, 400 to 408 ft. Open pits and placers. Gold, gems, mica and rare minerals. Free and refractory ore. 2,000 tons; 300 days; 50 employes. Steam and water. Concentrator and stamp mill, 20 tons daily capacity.

DERITA, Mecklenburg Co. Ry. 838. Banking town Charlotte.
G.S.—W. R. Jordan. Gold and silver.
Gold—C. A. Meggar. Hunter mine. Open pit. Free ore. Stamp mill.

DERR, Lincoln Co. Ry. Iron Station, 806. Banking town Shelby.
Iron—Derr & Reinhardt. Big Ore Bank mine. Shaft. Tunnel. Steam.

DILLSBORO, Jackson Co. M.O. Tel. Ry. 838. Banking town Waynesville.
Kaol.—Harris Clay Co. E. M. Harris, pres.; C. J. Harris, v. pres. and gen. mgr.; T. Harris, secy. Cap. stk. $100,000, pd. up. Kaolin. Mine at Webster.

DOBAG, Yancey Co. Ry. Marion, 628; 838.
Mica—W. J. Thomas.

EAST LAPORT, Jackson Co. Pop. 21. Ry. Sylva, 838. Banking town Waynesville.
Mica—D. A. Davis.

EGYPT, Chatham Co. P.O. and Ry. Cumnock, 116; 720.
B.Coal—Langdon, Henzey Mining Co., New York.

EGYPT DEPOT, Chatham Co. P.O. Colon. Tel. Banking town and Ry. Raleigh, 806; 838.
B.Coal—Egypt Coal Co. Egypt mine. Shaft. Steam.
Stone—Egypt Brown Stone Co. Egypt quarry.

ELDORADO, Montgomery Co. Pop. 41. Ry. Troy, 278. Banking town Salisbury.
G.S.—W. W. Davis. Gold and silver.
G.S.—Jesse Morris. Gold and silver.

ELKPARK, Mitchell Co. Pop. 313. M.O. Tel. Ry. 278. Banking town Elizabethton, Tenn.
Iron—R. J. Haltclew.

ELLIJAY, Macon Co. Ry. Dillsboro, 838. Banking town Waynesville.
M.Coru.—J. D. Moore. Pressley and Rocky Face mines. Mica. Shaft. Turkey Knob, Corundum and Whitcomb mines. Corundum. Open pit.

ESTATOE, Mitchell Co. Ry. Marion, 628; 838. Banking town Elizabethton, Tenn.
Mica—W. B. Childs.
Mica—John Collis. Mine at Bakersville.
Mica—Isaac Cox.
Mica—Burton Grisson.

EUGENE, Ashe Co. Ry. Marion, Va., 608.
Mica—E. S. Eldridge.

FAITH, Rowan Co. P.O. Rock. Banking town and Ry. Salisbury, 838.
Gran.—C. E. Wyatt. Granite. Millstone quarry at Rock.
Gran.—J. T. Wyatt, 140 Main st. Wyatt Mountain quarry. Granite millstones and paving blocks. 100,000 ft.; 200 days; 30 employes. Horse. Quarry also at Salisbury.

FIDELITY, Jackson Co. Ry. Brevard, 366b.
Mica—J. C. Woods.

FLAGGTOWN, Montgomery Co. P.O. Pontop. Banking town and Ry. 838.
Gold—F. E. Reeves.

FLAT ROCK, Mitchell Co. Ry. 928a.
Mica—J. K. Irby, Penland. Robinson mine. Open cut 50 ft.; 20 tons; 250 days; 8 employes. Horse.

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FLINTY BRANCH, Yancey Co. P.O. Flinty. Ry. Marion, 628; 838.
Mica—T. J. Gouge.

FRANKLIN, Macon Co. Pop. 281. M.O. Ry. Dillsboro, 838. Banking town Waynesville.
Mica—W. G. Bulgin.
Mica—T. C. Cunningham.
Mica—E. H. Franks.
Mica—Dr. J. M. Lisle & Son.
M.E.—Leverett S. Ropes, Mining Engineer.
Mica—Eugene Munsell & Co. New York. Open pit.
Mica—C. G. Shepherd.

GARFIELD, Rowan Co. Ry. Gold Hill, 838.
G.C.—Lucy E. Williams. Gold Knob mine. Shaft. Gold and copper.

GLENBROOK, Montgomery Co. Ry. Troy 3a. Banking town Greensboro.
Gold—Glen Brook Mining Co., 33 Wall st., New York. Glen Brook mine. Shaft. Refractory ore. 100 employes. 60-stamp mill; 2 ore crushers. Richard Eames, Jr., mine supt. (Developing.)

GLENDON, Moore Co. Ry. 339.
B.Coal—Gulf & Glendon Manufacturing Co.

GLENN, Mitchell Co. P.O. Armstrong. Ry. Marion, 628; 838.
Mica—D. M. Glenn.

GLOBE—Caldwell Co. Ry. Collettsville, 106a.
Gold—Watanga Mining Co., Lenoir. Gragg mine. Blanket vein. Free ore. Water. (Idle.)

GOLDHILL, Rowan Co. M.O. Tel. Ry. 838. Banking town Salisbury.
Gold—F. H. Mannoy.
G.C.—New Gold Hill Co., Ltd. Gold Hill mine. Gold and copper.

GRASSY CREEK, Ashe Co. Ry. Marion, Va., 608.
Mica—Ashville Investment Co. Cook mine. Shaft, tunnel.

GREENSBORO, Guilford Co. Pop. 3,317. M.O. Tel. Ry. 116; 838.
Gran.—Mount Airy Granite Co. R. Percy Gray, pres.; J. W. Fry, secy.; Geo. Woodruff, treas. and buyer. Thos. Woodruff, gen. mgr. Cap. stk. $39,000, pd. up. Granite. Quarry at Mount Airy.
Iron—North Carolina Steel & Iron Co. J. A. Odell, pres.; D. W. C. Benbow, v. pres.; J. D. Kase, secy., treas. and gen. mgr. Cap. stk. $300,000, pd. up. Mine at Ore Hill.
B.Fur.—North Carolina Steel & Iron Co. Blast furnace.
C.E.—Frank A. Peirce, Civil Engineer and Surveyor, North Elm st.
Gran.—Angus M. Smith. Granite. Quarry at Summerfield.

GULF, Chatham Co. Pop. 211. Tel. Ry. 116; 339; 720. Banking town Greensboro.
Stone—Carolina Buff Stone Co.
Stone—W. S. Russell.

HADDEN MOUNTAIN, Jackson Co. Ry. Walhalla, S. C. 78.
Mica—J. F. Rice, Cashiers. Hadden Mt. mine.

HAYESVILLE, Clay Co. Pop. 167. M.O. Ry. Murphy 502; 838. Banking town Waynesville.
Mica—H. Hawley.
Mica—F. Z. Meninger.

HEWITT, Swain Co. Ry. 838. Banking town Waynesville.
Talc—Rickard & Hewitt, 104 John st., New York. Talc. 1,200 tons; 300 days; 10 employes. Water. F. R. Hewitt, mine supt.

HIGHLANDS, Lincoln Co. Pop. 233. M.O. Ry. Walhalla 78. Banking town Waynesville.
Mica—C. G. Nienninger.

HOOVER HILL, Randolph Co. Pop. 185. Ry. Ashboro, 838. Banking town Greensboro.
Gold—Hoover Hill Gold Mining Co.

HORNET, Mecklenburg Co. Ry. Charlotte, 806; 838.
Gold—C. P. Mingo. Harris mine. Open pit and shaft.
G.S.—Simpson River Silver & Gold Mining Co. Mine at Clear Creek.

INGALLS, Mitchell Co. Ry. Cranberry 278. Banking town Elizabethton, Tenn.
Mica—Jason E. Burleson. Horse, steam.
Mica—Jas. G. Wiseman. Tunnel.

IRON STATION, Lincoln Co. M.O. Ry. 806. Banking town Charlotte.
Iron—A. F. Brevard.
Stone—J. A. Brown. Quarry and mill.

JAMESTOWN, Guilford Co. Pop. 417. M.O. Tel. Ry. 838.
Copp.—Cambridge Copper Mining Co.
Copp.—Deep River Mining Co. Copper.

KINGS MOUNTAIN, Cleveland Co. Pop. 429. M.O. Tel. Ry. 838. Banking town Gastonia.
Iron—Ormand & Co., Chestnut Ridge mine. Open pit.

KINSEY, Cherokee Co. Ry. 502. Banking town Marietta, Ga.
Talc—A. Kinsey.
M.I.T.—Notts Consolidated Marble, Iron & Talc Co.

LAURINBURG, Richmond Co. Pop. 1,357. M.O. Tel. Ry. 806.
Gran.—J. McGuide. Granite.

LEAKSVILLE, Rockingham Co. Pop. 726. M.O. Tel. Ry. 238.
Mica—J. T. Moorehead.

LEDGER, Mitchell Co. Pop. 63. Ry. Marion 628; 838. Banking town Elizabethton, Tenn.
Mica—John Willis. Howell mine. Shaft. Horse.

LENOIR, Caldwell Co. Pop. 673. M.O. Tel. Ry. 106a; 152.
G.S.—Bee Mount Mining Co. Gold and silver.
Gold—Blue Ridge Mining Co. Husbands Creek and Bald Knob mines. Stamp mill. Steam.
Mica—Wm. Day.
Gold—Watanga Mining Co. Mine at Globe.

LEXINGTON, Davidson Co. Pop. 1,440. M.O. Tel. Ry. 838.
G.S.L.Z.—Silver Hill Mining Co., 50 Broadway, New York. Silver Hill mine. Gold, silver, lead and zinc. Shaft 800 ft. tunnel 450 ft. Refractory ore. 20-stamp mill; 60 tons daily cap. Steam. (Idle.)
G.S.L.—John W. Weed, Germania Bldg., New York. Welborne mine. Gold, silver and lead. Shaft 140 ft. Refractory ore. Steam. 10-stamp mill; 15 tons daily cap. J. M. Prin, mine supt.

LINCOLNTON, Lincoln Co. Pop. 957. M.O. Tel. Ry. 152; 806. Banking town Gastonia.
Mica—S. Lander.

LOUISBURG, Franklin Co. Pop. 667. M.O. Tel. Ry. 806.
G.S.—Arthur Arrington. Gold and silver

McADENVILLE, Gaston Co. M.O. Ry. Lowell 838. Banking town Gastonia.
Stone—C. Hope.
Stone—Henry Thomas.

MACHPELAH, Lincoln Co. Ry. Iron Station, 806. Banking town Charlotte.
G.S.C.—W. A. Graham. Gold, silver and copper. Open pit and placer.

MARION, McDowell Co. Pop. 799. M.O. Tel. Ry. 628; 838. Banking town Asheville.
Mica—J. A. McDonald.
G.S.—Hon. Jos. Morris. Gold and silver.
G.S.—W. H. Roberts. Gold and silver.
G.S.—John Stevens. Gold and silver.

MICA, Mitchell Co. Ry. Marion 628; 838. Banking town Elizabethton, Tenn.
Mica—M. D. Wiseman.

MICAVILLE, Yancey Co. Pop. 36. Ry. Marion 628; 838. Banking town Asheville.
Mica—Jas. Bressley.
Mica—J. G. Edge.

MOCKSVILLE, Davie Co. Pop. 602. M.O. Tel. Ry. 838. Banking town Winston.
Iron—W. A. Bailey.

MONROE, Union Co. Pop. 1,866. M.O. Tel. Ry. 806.
Gold—A. A. Laney. Shaft and open pits.

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MONTVALE, Transylvania Co. Ry. Brevard, 366b.
Cor.—C. Grimshawe, Tallow Face mine. Corundum. 500 tons; 300 days; 30 employes.
Mica—Morning Star mine. Tunnel, 288 ft.; 10,000 lbs.; 300 days; 10 employes.

MOORESVILLE, Iredell Co. Pop. 868. M.O. Tel. Ry. 838. Banking town Charlotte.
Gran.—Charlotte Granite Co., Charlotte. Blue Granite. 1,000 tons; 300 days; 12 employes. Steam. Railway switch. ¾ mile.
Gran.—Creswell Springs Granite Co.

MORGANTON, Burke Co. Pop. 1,555. M.O. Tel. Ry. 838.
Gold—Carolina Queen Consolidated Mining Co., John Hancock Bldg., Boston, Mass. Tunnel and open pit. Free ore and placer. Steam and water.

MORVEN, Anson Co. Pop. 214. M.O. Tel. Ry. 39. Banking town Monroe.
Stone—Mosely & Pratt.

MOUNT AIRY, Surry Co. Pop. 1,768. M.O. Tel. Ry. 116.
Gran.—Mount Airy Granite Co., Greensboro. Granite; 250,000 ft.; 300 days; 200 employes. Steam. Gen. Woodruff, quarry supt.
Iron—John L. Worths.

NALLS, Montgomery Co. Ry. Albemarle, 838. Banking town Concord.
G.S.—Wm. Carter. Gold and silver.
G.S.—Nelson Russell. Gold and silver.

NEUSE, Wake Co. Pop. 63. Tel. Ry. 806. Banking town Raleigh.
Stone—L. A. Rudsal.
Stone—J. M. Wilkinson.

NEW LONDON, Stanly Co. M.O. Tel. Ry. 838. Banking town Salisbury.
Stone—Flint Spring Mining Co.
Gold—Jine Mining Co. Jine mine. Shaft. Free ore. 10-stamp mill. Steam.
Gold—New London Estates Co. Main office 55 & 56 Bishopsgate Within, London, Eng. Col. Albert Ernest Ross, pres., 123 Cannon st., E. C.; H. Davey, v. pres.; Henry A. Judd, M.E., gen. mgr., mine supt. and buyer. Cap. stk. $625,000. Parker mine. Shaft, 135 ft., and placer. 300 days; 30 employes. Ten-stamp mill, 20 tons daily capacity. Steam.
Slate—Stanley Slate Quarry.

OLD FURNACE, Gaston Co. Ry. Kings Mountain, 838. Banking town Gastonia.
Stone—R. D. Ormand.
Stone—J. A. Torrence.

ORE HILL, Chatham Co. Pop. 144. M.O. Tel. Ry. 116. Banking town Raleigh.
Iron—North Carolina Steel & Iron Co., Greensboro. Ore Hill mine. Open pit. Hematite ore. (Idle.)
B.Fur.—One stack, 70x16 ft. Coke. 28,000 tons capacity.

ORGANCHURCH, Rowan Co. Ry. Rockwell, 838.
Stone—D. M. Bodger.

PAINTER, Jackson Co. Ry. Sylva, 838. Banking town Waynesville.
Mica—W. C. Norton.

PARKEWOOD, Moore Co. Ry. Carthage, 806.
M.Stone—J. E. Taylor (successor to North Carolina Millstone Co.) Moore County Grit quarry. Conglomerate stone. Millstones. 300 days; 30 employes. Steam.

PENLAND, Mitchell Co. Ry. Marion, 628; 838. Banking town Elizabethton, Tenn.
Mica—Flat Rock Mining Co. Mine at Bakersville.
Mica—J. K. Irby. Mine at Flat Rock.

PILOTMOUNTAIN, Surrey Co. Pop. 245. M.O. Tel. Ry. 116. Banking town Mt. Airy.
Iron—J. C. Dodson & Sons.
Iron—David W. Worth. Magnetic ore.

PLUMTREE, Mitchell Co. Pop. 62. Ry. Cranberry, 278. Banking town Elizabethton, Tenn.
Mica—Toe River Ground Mica Co. Water.
Mica—Western Carolina Mica Co. Mine at Cranberry.

PRICE, Rockingham Co. Ry. 608. Banking town Reidsville.
Mica—Rockingham Mining Co.

RALEIGH, Wake Co. Pop. 12,678. M.O. Tel. Ry. 806; 838.
Grap.—Tucker, Pullen & Wharton. Heron mine. Plumbago. Slope.

RANSOMS BRIDGE, Franklin Co. Pop. 21. Ry. Macon, 806.
Gold—S. G. Sturges. Portis mine. Free ore. Stamp mill. Steam.

ROCK, Rowan Co. Ry. Salisbury, 838.
Stone—J. A. Bangor.
Stone—J. J. Basinger.
Stone—David Beaver.
Gran.—C. E. Wyatt, Faith, N. C. Phillips quarry. Granite mill stones. 30 pair millstones per annum. Hand.

ROCKYPOINT, Pender Co. Pop. 196. Tel. Ry. 39. Banking town Wilmington.
Stone—French Bros. Excelsior quarry. Limestone. 2,000 tons; 10 employes. Stone crusher, 50 yards daily capacity. Two flat boats. Steam. W. H. French, quarry supt.
Phos.—Rocky Point & Pender Phosphate Co.

SALISBURY, Rowan Co. Pop. 4,418. M.O. Tel. Ry. 838.
G.S.—Aldrich Mining Co. Gold and silver.
Stone—F. B. Arendell.
M.E.—Richard Eames, Jr., Mining Engineer.
Stone—J. D. A. Fisher.
Gran.—Kirk Mountain Granite Co. Granite.
G.S.—J. B. Lanier. Gold and silver.
Gran.—Pearce Granite & Construction Co.
Stone—Pink Granite Co.
Stone—W. H. Reisner.
Gran.—Stone Mountain Granite Co. W. L. Klutz, pres. and gen. mgr.; H. T. Trautham, v. pres.; J. S. McCubbins, Jr., secy. and treas. Stone Mtn. quarry. 150 days; 25 employes.
Gran.—J. T. Wyatt Millstone Manufacturing Co., Faith. Millstone and paving block quarry. 200 days; 10 employes.

SANFORD, Moore Co. Pop. 367. M.O. Tel. Ry. 116; 806. Banking town Raleigh.
Stone—Cherokee Red Sandstone Quarry. Sandstone.
Stone—Wicker's Quarry. Brownstone.

SAPPHIRE, Jackson Co. Ry. Sylva, 838. Banking town Waynesville.
Coru.—Sapphire Valley Mg. Co. C. N. Jenks, pres.; A. Jenks, treas.; R. A. Jacobs, gen. mgr. Bad Creek mine. Corundum. Tunnel, 200 ft. 500 tons.

SCIENCE HILL, Randolph Co. P.O. Science. Banking town and Ry. Greensboro, 116; 838.
Gold—John T. Lowe. Bingham mine.

SHELBY, Cleveland Co. Pop. 1,394. M.O. Tel. Ry. 628; 806.
Mica—A. Blanton.
Mica—D. A. Elliott.

SILVERHILL, Davidson Co. Pop. 30. Banking town and Ry. Lexington, 828.
G.S.—Silver Hill Mining Co., New York. Silver Hill mine. Gold, silver, lead and zinc.

SOUTHTOE, Yancey Co. Ry. Marion, 628; 838. Banking town Nashville.
Sur.C.E.—Jasper Autrey, Surveyor and Civil Engineer.
Mica—Jasper Autrey & Co.
Mica—Jason Ballew.
Mica—C. W. Caraway.
Mica—C. M. Gibbs.
Mica—J. L. Gibbs. O'Brien mine. Shaft.
Mica—Robt. Gibbs.
Mica—S. J. Murphy.
Mica—George Robinson.
Mica—White & Burton.
Mica—White and Westall.

SPRUCEPINE, Mitchell Co. Pop. 43. Ry. Marion, 628; 838. Banking town Elizabethton, Tenn.
Mica—Gutleson & Rorison. Mine at Bakersville.
Mica—J. D. English.
Mica—A. W. Sullins.

SUMMERFIELD, Guilford Co. Tel. Ry. 116.
Gran.—Angus M. Smith, Greensboro. Granite.

SYLVA, Jackson Co. M.O. Tel. Ry. 838. Banking town Waynesville.
Mica—Equitable Manufacturing Co.
Mica—A. J. Long.

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THOMASVILLE, Davidson Co. Pop. 590. M.O. Tel. Ry. 838. Banking town High Point.
S.L.—Silver Valley Mining Co. H. C. Turnbull, Jr., receiver, 5 E. Lexington St., Baltimore, Md. Silver Valley mine. Shaft, 150 ft.

THREEFORKS, Yancey Co. Ry. Marion, 628; 838.
Mica—E. Burnett.

TROY, Montgomery Co. Pop. 210. M.O. Tel. Ry. 3a. Banking town Wadesboro.
G.S.—J. P. Harper. Gold and silver.
Stone—E. E. Wade.

WADESBORO, Anson Co. Pop. 1,198. M.O. Tel. Ry. 39; 806.
Stone—Wadesboro Brown Stone Co.
Gran.—Wadesboro Granite Co. Granite.

WALNUTCOVE, Stokes Co. Pop. 320. M.O. Tel. Ry. 116; 608. Banking town Winston.
B.Coal—Greens Coal Mining Co.

WEBSTER, Jackson Co. Pop. 209. M.O. Ry. Sylva, 838. Banking town Waynesville.
Coru.—Acme Emery Wheel Co. Corundum.
Mica—C. P. Bryson. Jumbo, Shelton and Mount Bryson mines. Tunnel and open pit.
Mica—M. Buchanan. East Fork mine. Open pit and shaft.
Mica—Nathan Coward.
Cor.—Detroit & Western North Carolina Corundum Co., Chamber of Commerce Bldg., Detroit, Mich. Open pit. 80 tons; 150 days; 15 employes. Steam.
Nick.Cor.—Prof. Emmons. Nickel and corundum. Shaft and open pit.
Mica—J. P. Frantz.
Kaol.—Harris Clay Co., Dillsboro. Harris mines. Kaolin. 300 days; 65 employes. Steam.
Atty.—Walter E. Moore, attorney. Practice in all State and Federal Courts. Land, mining and corporation law. Compiler Laws of North Carolina for the RECORD.
Mica—H. P. Nagel, Chamber of Commerce Bldg., Detroit, Mich. Shaft, 50 ft. 5 tons; 200 days; 10 employes. Steam. Wm. M. Hoffman, mine supt.
Cor.—Corundum. Tunnel, 175 ft. 55 tons; 200 days; 15 employes. Steam and water.
Nick.—Pinckney & Willis. Nickel and chrome iron. Open pit.

WEST'S MILL, Macon Co. Pop. 21. Ry. Bryson City, 838. Banking town Waynesville.
Mica—Alfred Hall & Sons.
Gems—D. Kanhouser and P. Hidden, New York. Rubies and sapphires. Shaft, 50 ft. 300 days; 50 employes. Water. P. Hough, mine supt.
Coru.—West Bros. J. L. West, M. E., pres., secy. and treas.; W. J. West, v. pres., gen. mgr. and buyer. Cap. stk. $5,000, $2,000 pd. up. Corundum. Shaft, 50 ft. Tunnel, 70 ft. 300 days; 25 employes.
Mica—Wm. West.
Kaol.—West & Co. Downs mine. Kaolin. Shaft, 40 ft. Tunnel, 50 ft. 300 days; 40 employes. W. J. West, mine supt.

WHITESIDE COVE, Jackson Co. Ry. Walhalla, S. C., 78.
Mica—Thos. Grimshaw.

WHITTIER, Swain Co. M.O. Tel. Ry. 838. Banking town Waynesville.
Stone—J. R. Thomas.

WILMINGTON, New Hanover Co. Pop. 20,060. M.O. Tel. Ry. 39; 116; 806; 947; 950.
Phos.—Navassa Guano Co. Phosphate.

WINSTON, Forsyth Co. Pop. 8,020. M.O. Tel. Ry. 608; 838.
C.E.—J. L. Ludlow, Civil Engineer.

WOODSIDE, Rowan Co. Ry. name Granite Quarry, 838. Banking town Salisbury.
Gran.—Shuping, Fisher & Co. J. L. Shuping, pres. and gen. mgr.; M. G. M. Fisher, v. pres., treas. and buyer; James A. Ritche, secy. Cap. stk. $20,000, pd. up. Granite. Stone Mountain quarry. 500 cords; 242 days; 22 employes. Steam.

NORTH DAKOTA

BELFIELD, Stark Co. Pop. 49. Tel. Ry. 617. Banking town Dickinson.
B.Coal—J. B. Bird. (Local.)

BISMARCK, Burleigh Co. Pop. 2,186. M.O. Tel. Ry. 617.
B.Coal—Hon. C. A. Burton. (Local.)
Atty.—Francis H. Register, Attorney at Law.

BURLINGTON, Ward Co. Ry. 533.
Lig.—La Des Lac Coal Co. Ed Howell, pres.; John G. Miller, v. pres.; A. Paradis, secy., gen. mgr. and buyer; M. Rochefort, treas. Cap. $4,000. Lignite. Mine at Minot.

COALHARBOR, McLean Co. Pop. 61. M.O. Banking town and Ry. Bismarck, 617.
B.Coal—Henry Coburn. (Local.)

FARGO, Cass Co. Pop. 5,664. M.O. Tel. Ry. 174; 346; 617.
Attys.—Newman, Spalding & Phelps, Attorneys and Counselors at Law, 1, 2, 3 and 4 First National Bank Bldg. Specialties: Corporation and commercial law. Attorneys for First National Bank and Merchants' State Bank of Fargo. Refer to J. H. Hubbell & Co., New York; Flower, Smith & Musgrave, Chicago, and Hinkler, Flanders, Smith, Bottum & Vilas, Milwaukee. Compilers of the North Dakota Laws for the RECORD.

HAZEN, Mercer Co. Pop. 27. Ry. New Salem, 617.
B.Coal—H. R. Atkinson. (Local.)

JAMESTOWN, Stutsman Co. Pop. 2,295. M.O. Tel. Ry. 617.
C.M.E.—B. P. Tilden, Civil and Mining Engineer. Specialty: Artesian Irrigation.

KENMARE, Ward Co. (P.O. Lignite.) Ry. 533.
Lign.—Paradise Coal Co., Lignite. Tunnel, 200 ft. Lignite. 150 days; 15 employes. One mile of tramway. F. N. Paradis, mine supt.

LEHIGH, Stark Co. Ry. 617.
B.Coal—Lehigh Coal Mining Co. Tunnel. Horse.

LIGNITE, Ward Co. Ry. name Kenmare, 533.
Lign.—Paradise Coal Co. Lignite. Mine at Kenmare.

MINOT, Ward Co. Pop. 575. M.O. Ry. 346; 533.
B.Coal—Nelson Anderson. (Local.)
Lign.—La Des Lac Coal Co., Burlington. Lignite. Tunnel, 250 ft. 2,000 tons; 150 days; 10 employes. One mile of tramway. A. Paradis, mine supt.

RICHARDTON, Stark Co. Pop. 100. M.O. Tel. Ry. 617. Banking town Dickinson.
B.Coal—Brookings Bros. (Local.)

SIMS, Morton Co. Pop. 400. Tel. Ry. 617. Banking town Mandan.
B.Coal—Frederick Hobritz.
B.Coal—Missouri Slope Coal Co.
B.Coal—North Dakota Coal & Power Co. Slope. Horse.
B.Coal—H. T. Wadeson. Slope. Horse.

OHIO

ADA, Hardin Co. Pop. 2,079. M.O. Tel. Ry. 688.
Stone—Patterson Bros. Limestone.
Stone—J. G. Tressell. Limestone.
Stone—I. S. Turner. Limestone.

AITCH, Monroe Co. Banking town and Ry. Woodsfield, 64.
B.Coal—Sam'l Howell.

AKRON, Summit Co. Pop. 28,000. M.O. Tel. Ry. 5a; 5b; 49; 200; 204a; 598; 615a; 683.
F.Clay—Akron Clay Co. Fire clay.
B.Coal—Akron Coal Co., 112 So. Howard st. E. G. Loomis, pres.; James P. Loomis, secy., gen. mgr. and buyer; J. E. King, treas. Cap. stk. $50,000, $40,000 pd. up. Mine at Wadsworth.
F.Clay—Akron Fire Brick Co. Fire clay.
Roll.M.—Akron Iron Co. Rolling mill.
F.Clay—Akron Stoneware Co. Fire clay.
Iron—G. G. Allen.
B.Coal—J. H. Burt.
P.Clay—Diamond Pottery Co. Pottery clay.
B.Coal—Excelsior Coal Co.
F.Clay—Hill Sewer Pipe Co. Fire clay.
Stone—J. Hugill. Sandstone.
B.Coal—J. S. Jacobs.
B.Coal—Lake View Coal Co., Youngstown. Lake View mine. Shaft. Steam.
B.Coal—Loomis Bros.
B.Coal—T. E. McCue.
Iron—S. J. Ritchie.
G.S.C.—San Pedro Mining, Milling and Prospecting Co., 224 S. Howard st. Geo. G. Ross, pres.; F. L. Ober, v. pres.; W. J. Coney, secy. and treas.; J. C. Giffney, M. E., gen. mgr. and buyer. Cap. stk. $1,000,000, pd. up. Gold, silver and copper. Mine at Cerrillos, N. Mex.
Stone—Hugo Schumacher. Sandstone.
B.Coal—M. Seiberling.
B.Coal—Summit Bank Coal Co.
B.Coal—Superior Coal Mining Co.
F.Clay—United States Stoneware Co. Fire clay.
B.Coal—J. J. Waggoner.

ALGONQUIN, Carroll Co. Banking town and Ry. Carrollton, 202.
B.Coal—J. Allen. (Local.)
B.Coal—Jos. W. Bracken. (Local.)
B.Coal—Chas. W. Lewis. (Local.)

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ALLENTOWN, Allen Co. Pop. 99. Banking town and Ry. Lima, 190; 291; 445; 629; 660.
Stone—T. C. Long. Limestone.

ALLIANCE, Stark Co. Pop. 7,607. M.O. Tel. Ry. 16; 201a; 443; 688.
B.Coal—Henry L. Bandy.
B.Coal—Wm. & Geo. Battershell. (Local.)
B.Coal—E. S. Davis. Waugh mine. Shaft. Steam.
B.Coal—W. R. Elliott. (Local.)
B.Coal—J. L. Owens Mining Co. (Local.)
B.Coal—J. J. Robertson, 2229 S. Union ave. Shaft, 40 ft. 2,000 tons; 250 days; 10 employes. Steam.
B.Coal—W. H. Sheckler. (Local.)
Stone—J. G. Tolestein & Son.
Stone—Trumbull Stone & Sand Co. J. F. Filer, pres. and gen. mgr.; W. D. Winans, secy. and treas. White sandstone. Quarry at Newton Falls.

AMANDA, Fairfield Co. Pop. 469. M.O. Tel. Ry. 186. Banking town Lancaster.
Stone—Jos. Hosler. Sandstone.
Stone—Chas. Ward. Sandstone.

AMHERST, Lorain Co. Pop. 1,916. M.O. Ry. North Amherst, 451.
Stone—Amherst Stone Co. Sandstone.
Stone—Ohio Stone Co., 589 Arcade, Cleveland. Quarry No. 1. Sandstone. 350,000 cu. ft.; 300 days; 100 employes. Five-gang stone mill. Operate 3 miles Ry.; 1 locomotive. Steam.

AMITY, Montgomery Co. Ry. Trotwood, 660. Banking town Dayton.
Stone—Arthur Schaffer. Limestone. Mill.
Stone—Henry Troutman. Limestone.

ANTWERP, Paulding Co. Pop. 1,331. M.O. Tel. Ry. 913.
Iron—Thos. Fitzsimmons.

ARMADALE, Athens Co. Ry. 882. Banking town Athens.
Stone—Wm. Brawley. Limestone.

ARMSTRONG'S MILLS, Belmont Co. Pop. 182. Ry. 64. Banking town Bellaire.
B.Coal—Captina Coal Co. (T. A. Welsh, propr.) Cap. $10,500. 8,000 tons. M. V. Gates, mine supt.

ASHTABULA, Ashtabula Co. Pop. 8,338. M.O. Tel. Ry. 451; 597; 691.
Mica—Georgia Mica & Mining Co. D. G. Palmer, pres.; C. H. Simonds, v. pres.; H. Fassett, secy. and treas. Cap. stk. $50,000. Mine at Freemansville, Ga.

AULTMAN, Stark Co. Ry. Greentown, 204.
F.Clay—Camp Brick Co. Fire clay.
Stone—Strife Bros. Sandstone.

AUSTINTOWN, Mahoning Co. Pop. 391. Tel. Ry. 291. Banking town Youngstown.
B.Coal—Geo. Brooks.
Iron—C. C. Buck.

BAILEY'S MILLS, Belmont Co. Ry. 52.
B.Coal—Davey Bros.

BAINBRIDGE, Ross Co. Pop. 1,087. M.O. Tel. Ry. 629.
Stone—Peter Higgins. Limestone.
Stone—J. L. Puckett. Paint Valley quarry. Sandstone. 1,000 perch; 150 days; 10 employes.
Stone—Wally Bros. Limestone.

BANNOCK, Belmont Co. Tel. Ry. 204. Banking town Bridgeport.
B.Coal—Wm. Taylor. (Local.)

BARNESVILLE, Belmont Co. Pop. 3,207. M.O. Tel. Ry. 49.
B.Coal—R. H. Davey. (Local.)
B.Coal—Walter Davey. (Local.)
B.Coal—Wm. Davey. (Local.)
B.Coal—Ben Davis. Kennon mine. Open pit. 5 employes.
B.Coal—Geo. Douglas. (Local.)
B.Coal—Jos. Douglas. (Local.)
B.Coal—E. Fohner & Bro. (Local.)
B.Coal—Luke Frasher. (Local.)
B.Coal—Geo. Jeffreys. (Local.)
B.Coal—Jas. E. Kennon. (Local.)
Stone—J. H. McConnell. Limestone.
B.Coal—R. H. Malden. (Local.)
B.Coal—Geo. Miller. (Local.)
Stone—Colvin Mock. Limestone.
B.Coal—Henry Parsons.
B.Coal—C. G. Smith. (Local.)
B.Coal—Ezekel Smith. (Local.)
B.Coal—Francis Walton. Barnesville mine. Drift.

BARTON, Belmont Co. Pop. 500. Tel. Ry. 204; 755. Banking town Bridgeport.
B.Coal—E. N. Boggs. Cap. $15,000. Tunnel, 3,000 ft. 30,000 tons; 250 days; 70 employes.
B.Coal—John H. Denham.
B.Coal—Maple Hill Coal Co. Maple Hill mine. Drift. Horse.
B.Coal—Joseph Schwinder. Drift.
B.Coal—W. S. Taggart. Taggart mine. Drift.

BASCOM, Seneca Co. Pop. 214. Tel. Ry. 49. Banking town Tiffin.
Stone—W. H. Greeger. Limestone.

BEALLSVILLE, Monroe Co. Pop. 512. M.O. Tel. Ry. 64. Banking town Woodsfield.
Stone—E. Bruen. Limestone.
Stone—Jno. Thornberry. Limestone.

BEIDLER, Tuscarawas Co. Ry. Goshen, 204. Banking town New Philadelphia.
B.Coal—C. J. Nungesser. Moery Ridge mine. Open pit. 15,000 tons; 140 days; 30 employes.

BELLAIRE, Belmont Co. Pop. 9,950. M.O. Tel. Ry. 49; 64; 201a; 204; 689b.
B.Coal—W. G. Barnard. Open pit.
B.Coal—Bellaire Nail Works. Nail Mill mine. Drift.
B.Coal—Belmont Coal Co. Belmont No. 2 mine.
B.Coal—Resin Burch.
B.Coal—Davis & Gallagher.
B.Coal—Glen Coal Co.
B.Coal—Jacob Heatherington. Belmont No. 1 mine. Drift.
B.Coal—R. Heslop & Son. Belmont mine. Tunnel.
B.Coal—Kinsey Bros. Bernard mine. Drift.
Stone—Jos. McClain & Son. Limestone.
Stone—W. J. McClain. Limestone.
B.Coal—John Musgrove. (Local.)
B.Coal—Israel Pelkey. (Local.)
B.Coal—Pittsburg Coal Co., Cincinnati. Pittsburg mine. Drift.
B.Coal—Louis Rockershousen. Pittsburg mine. Slope. Steam.
B.Coal—Patrick Scahill. (Local.)
B.Coal—James Turnbull & Co. Schicks mine. Open pit. 300,000 tons; 300 days; 45 employes. William Turnbull, mine supt.

BELLEVUE, Huron Co. Pop. 3,052. M.O. Tel. Ry. 215; 451; 597; 936.
Stone—H. Bauchman. Sandstone.

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BELLPOINT, Delaware Co. Pop. 106. Banking town and Ry. Delaware, 203; 214; 215.
Stone—Hosea Moon. Limestone.
Stone—S. A. Moon. Limestone.

BELOIT, Mahoning Co. Pop. 238. M.O. Ry. 688. Banking town Salem.
B.Coal—Barber Bros. (Local.)
B.Coal—Ralph Urmson. (Local.)
B.Coal—Youngstown Paving Brick Co., Youngstown. Beloit mine. Shaft. Steam.

BEMENT, Cuyahoga Co. Ry. West Dover, 597. Banking town Elyria.
Stone—Dallas Beebe. Bluestone.

BEREA, Cuyahoga Co. Pop. 2,533. M.O. Tel. Ry. 203; 204; 451.
Stone—Cleveland Stone Co., Cleveland. Berea quarry. Sandstone. Mill. Steam. P. J. Morrisey, supt. For output see Cleveland.
Stone—Whetmore, Robinson & Co. Sandstone.
Stone—T. J. Whitlock. Sandstone.

BERGHOLZ, Jefferson Co. Pop. 172. M.O. Ry. 443. Banking town Steubenville.
B.Coal—Co-operative Coal Co.
B.Coal—Curry & Kirk. (Local.)
B.Coal—J. P. George & Co. Bergholz mine. Open pit. Steam.
B.Coal—Yellow Creek Coal Co.

BETTSVILLE, Seneca Co. Pop. 513. M.O. Tel. Ry. 887a. Banking town Tiffin.
Stone—T. D. Dotherty. Limestone.

BIGRUN, Athens Co. Pop. 92. Ry. 882. Banking town Athens.
B.Coal—E. O. Cole.
B.Coal—Federal Mining Co., Marietta. Broadwell mine. Drift.

BLACKLICK, Franklin Co. Pop. 45. Tel. Ry. 49; 686. Banking town Columbus.
Stone—S. R. Armstrong. Limestone.

BLADEN, Gallia Co. Banking town and Ry. Gallipolis, 214.
B.Coal—Porter Bros.

BLAKE MILLS, Tuscarawas Co. Pop. 390. Banking town and Ry. New Philadelphia, 204; 660.
B.Coal—Henry Miller. (Local.)
B.Coal—C. E. Warner. Mine at New Philadelphia.

BLAINE, Belmont Co. Pop. 146. Ry. Pasco, 204. Banking town Bridgeport.
B.Coal—L. V. Deloche. Mine at Pasco.

BLANCHESTER, Clinton Co. Pop. 1,996. M.O. Tel. Ry. 50.
Stone—J. J. Marshall. Limestone.

BLOOM SWITCH, Scioto Co. Pop. 512. Ry. 50. Banking town Portsmouth.
B.Fur.—Clace Iron Co. Blast furnace.

BLOOMVILLE, Seneca Co. Pop. 758. M.O. Tel. Ry. 887a.
Stone—Henry Dryfuse. Limestone.
Stone—D. L. Fisher & Son. Limestone.
Stone—E. H. France & Sons. Limestone.
Stone—Koler & Griger. Limestone.

BLUFFTON, Allen Co. Pop. 1,290. M.O. Tel. Ry. 445; 615a.
Stone—Ben Mollett. Limestone.
Stone—D. B. Schumacher. Limestone.
Stone—Siddell & Townsend. Limestone. Lime kiln, 2,400 tons. Steam.

BOLIVAR, Tuscarawas Co. Pop. 56. M.O. Tel. Ry. 936. Banking town New Philadelphia.
B.Coal—Nathan Bixler. (Local.)

BOWERSTON, Harrison Co. Pop. 349. M.O. Tel. Ry. 386; 936. Banking town Dennison.
B.Coal—East Massilon Coal Co.
B.Coal—A. Weylandt. (Local.)
B.Coal—Andrew Wilson. (Local.)

BOWLING GREEN, Wood Co. Pop. 3,467. M.O. Tel. Ry. 190; 883.
Stone—W. C. Martin. Limestone.
Stone—Geo. E. Mercer. Limestone. 500 cords building stone; 5,000 yards crushed stone.
Lime—Snow Flake Lime Co. Robt. McMahan, pres.; R. S. Thurstin, v. pres.; C. J. McMahan, secy. and treas. Cap. stk. $25,000, pd. up. Quarry and lime works at Portage.
St.Lm.—Sugar Ridge Stone & Lime Co. F. W. Van Fleet, gen. mgr. Limestone. Quarry at Sugar Ridge.

BRADBURY, Meigs Co. Ry. Middleport, 407.
B.Coal—Thos. H. King. Drift. Horse.

BRIDGEPORT, Belmont Co. Pop. 3,669. M.O. Tel. Ry. 201a; 204.
B.Coal—Aetna Mill Co.
Roll.M.—Aetna Standard Iron & Steel Co. Rolling mill.
B.Coal—Bird & Conaway.
B.Coal—Boston & Porter.
B.Coal—L. V. Deloche. (Local.)
B.Coal—Milton McConnaughy. Open pit. (Local.)
B.Coal—A. Meister. (Local.)
B.Coal—Pittsburg & Wheeling Creek Coal Co. Wheeling Creek No. 1 and 2 mines. Drift. And Pittsburg No. 1 and 2 mines.

BRIERHILL, Mahoning Co. M.O. Ry. 598; 683; 691. Banking town Youngstown.
B.Coal—Thos. Tyrell. (Local.)

BRIGGS, Washington Co. Ry. 50. Banking town Marietta.
Stone—D. B. Calder. Constitution quarry. Grindstones. Steam.
Stone—F. W. Knowles. Grindstones. Mill. Sandstone.

BRILLIANT, Jefferson Co. Pop. 944. M.O. Tel. Ry. 201a; 936. Banking town Steubenville.
B.Coal—Brilliant Steel & Iron Co., Wheeling, W. Va. Brilliant mine. Shaft. Steam.
B.Coal—A. Gilchrist. (Local.)
B.Coal—Spaulding Iron Co.

BRISTOL, Morgan Co. Pop. 32. Ry. Malta, 966. Banking town McConnellsville.
B.Coal—Bristol Coal Co.

BROADWELL, Athens Co. Tel. Ry. 882. Banking town Athens.
B.Coal—Burns & Lisk. (Local.)
B.Coal—J. R. Wickham. No. 1 mine. Slope. (Idle.)

BROWNHELM, Lorain Co. Pop. 365. Tel. Ry. 451. Banking town North Amherst.
Stone—Cleveland Stone Co., Cleveland, Ohio. Brownhelm quarry. Sandstone. Mill. Steam. For output see Cleveland.

BUCHTEL, Athens Co. Pop. 3,368. M.O. Tel. Ry. 214.
B.Coal—Beattie Bros.
B.Coal—Louis Weitzel. (Local.)

BUCKS, Columbiana Co. Pop. 141. Banking town and Ry. Lisbon, 291; 689.
B.Coal—Nelson Bronson. (Local.)
B.Coal—Addison Ingate. (Local.)

BUCYRUS, Crawford Co. Pop. 5,980. M.O. Tel. Ry. 215; 688; 883.
Stone—J. B. Sawyer.

BUENAVISTA, Scioto Co. Pop. 461. M.O. Ry. Buena Vista, Ky., 150. Banking town Portsmouth.
Stone—Buena Vista Freestone Co. Otto Caden, pres.; Gustav H. Klein, v. pres.; Wm. Lewis Caden, secy. Cap. stk. $50,000. Freestone. 150,000 ft.; 250 days; 100 employes. Stone mill, 600 cu. ft. daily. Steam.
Stone—Stewart Stone Co. Limestone.

BUFFALO, Guernsey Co. Pop. 178. Ry. Hartford, 275. Banking town Cambridge.
B.Coal—Cambridge & Elyria Coal Co., Elyria. Shaft. Steam.

BURROAK, Athens Co. Ry. 407. Banking town Glouster.
B.Coal—Burr Oak Coal Co.

BURTON, Geauga Co. Pop. 633. M.O. Tel. Ry. 683.
Stone—W. C. Welton. Limestone.

BURTON CITY, Wayne Co. Pop. 192. Tel. Ry. 688; 936. Banking town Orrville.
B.Coal—Peter Larson. (Local.)

BYESVILLE, Guernsey Co. Pop. 789. M.O. Tel. Ry. 201. Banking town Cambridge.
B.Coal—Jas. A. Anderson, Cleveland. Shaft. Steam.
B.Coal—Burt & Hoopman.
B.Coal—Cambridge Fuel Co., Cambridge. Central mine. Shaft, 60 ft. 90,000 tons; 175 days; 200 employes. Steam.
B.Coal—Enterprise Coal Co. Shaft. (Local.)

CADIZ, Harrison Co. Pop. 1,716. M.O. Tel. Ry. 686.
B.Coal—J. H. Campbell. (Local.)
B.Coal—S. C. Clemens. Tunnel, 600 ft. 800 tons; 200 days; 3 employes.
B.Coal—W. P. Hedges. Tunnel, 1,200 ft. 800 tons. (Local.)

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CAIRO, Stark Co. Pop. 68. Ry. Middle Branch, 202. Banking town Canton.
Stone—I. B. Druchenbrod. Sandstone.

CALDWELL, Noble Co. Pop. 1,248. M.O. Tel. Ry. 64; 201.
A.Coal—Ezra Davis. (Local.)
A.Coal—C. I. McGee. (Local.)
A.Coal—R. J. Matheny, Enoch. Slope, 85 ft. 250 days; 3 employes.

CALUMET, Jefferson Co. M.O. Ry. Elliottsville, 660. Banking town Steubenville.
F.Clay—Calumet Clay Co. Fire clay.
F.Clay—Calumet Fire Brick Co.
F.Clay—Excelsior Fire Clay Co.

CAMBRIDGE, Guernsey Co. Pop. 4,361. M.O. Tel. Ry. 49; 201.
B.Coal—J. H. Buckingham. (Local.)
B.Coal—Buckingham & Ford. (Local.)
B.Coal—Cambridge Fuel Co. A. J. Warner, pres.; David Okey, secy.; B. F. Berry, treas. Cap. stk. $50,000. Mines at Pt. Pleasant. (P.O. Dyson and Byesville.)
Roll.M.—Cambridge Iron & Steel Co. Rolling mill.
B.Coal—Cambridge & Guernsey Consolidated Fuel Co. A. C. Cochran, pres.; W. B. Alexander, v. pres., 23 Wade Bldg., Cleveland; W. A. Scott, secy.; W. C. Benbow, treas. and buyer. Cap. stk. $200,000, pd. up. Sales office, 23 Wade Bldg., Cleveland. Cambridge, Guernsey and Scott mines. Tunnel.
B.Coal—Forsythe Coal Co. (C. P. Forsythe, propr.) Cap. $40,000. Mine at Craig.
B.Coal—S. C. Hoyt. (Local.)
B.Coal—Leatherwood Creek Coal Co.
Stone—Wm. McFarland. Limestone.
B.Coal—A. W. Nicholson. (Local.)
B.Coal—Ohio Coal Co. A. J. Warner, pres.; David Okey, secy. and treas. Cap. stk. $100,000, pd. up. Nicholson mine. Tunnel, 5,000 ft. 50,000 tons; 200 days; 100 employes. Steam.
Marb.—Thomas Pyles. Marble.
B.Coal—Robins Coal Co. Wm. Heaume, pres.; J. H. Robins, v. pres.; M. D. Robins, secy.; R. P. Robins, treas. and buyer; Alex. Robins, gen. mgr. Cap. stk. $50,000, pd. up. Mine at Lore City.
B.Coal—Robins & Cochran. (Local.)
B.Coal—Moses Sarchett. (Local.)
B.Coal—W. A. Scott.
B.Coal—Jas. A. Smith. (Local.)
Marb.—Jed. Williams. Marble.
B.Coal—Jas. Wilson. (Local.)
B.Coal—Wilson & Burris.
B.Coal—Gen. A. T. Wykoff.

CAMDEN, Preble Co. Pop. 846. M.O. Tel. Ry. 686.
Stone—J. A. Barnett. Limestone.
Stone—Peter Fouts. Limestone. (Local.)
Stone—Ireton Bros. Limestone.
Stone—Jas. White. Limestone.

CAMPBELL, Lawrence Co. Ry. 190. Banking town Ironton.
B.Fur.—Campbell Iron Co. Blast furnace.

CANAL DOVER, Tuscarawas Co. Pop. 3,470. M.O. Tel. Ry. 201; 201a; 204.
B.Coal—Burgess Bros.
B.Coal—Crown Fire Clay Co. Drift.
B.Coal—Gibbs Harvey. (Local.)
B.Coal—P. H. Lind. (Local.)
B.Coal—Mason Bros. Co.
B.Coal—Moull & Reed. (Local.)
B.Coal—I. G. Newman. (Local.)
B.Coal—James T. Patton. Open pit. (Local.)
B.Fur.—Penn Iron & Coal Co. J. P. Burton, pres.; H. S. Reamy, secy.; S. W. Croxton, treas., gen. mgr. and buyer. Cap. stk. $200,000, pd. up. Dover Furnace. Coke; one stack, 75x16½ ft.; 70,000 tons pig; 120 employes. Brands, "Tuscarawas," "Dover Fay," and "Dover Bessemer."
B.Coal—Scott & Krille.
B.Coal—P. Stockdale. (Local.)
B.Coal—J. A. Wagner. Tunnel, 800 ft. 5,000 tons; 240 days; 6 employes. Horse.
B.Coal—Winz Bros. (Local.)

CANAL FULTON, Stark Co. Pop. 1,173. M.O. Tel. Ry. 204; 688.
B.Coal—Hoover & Simmons. (Local.)

CANTON, Stark Co. Pop. 27,000. M.O. Tel. Ry. 114a; 201; 202; 204; 688.
F.Clay—Anchor Tile & Clay Co. Fire clay.
F.Clay—Beatty Fire Clay Co. A. M. McCarty, pres.; J. E. Monnot, v. pres.; J. J. Whitacre, secy., treas. and gen. mgr. Mine at Magnolia.
B.Coal—Black Vein Coal Co. (partnership). J. F. Seiberling, pres.; D. L. St. John, secy., treas., mgr. and buyer. Cap. $5,000. Mine at North Industry.

CANTON—Continued.
Clay—Canton Brick Co. H. S. Belden, pres.; Peter Miller, v. pres.; J. L. Higley, secy. and treas. Cap. stk. $100,000, pd. up. Shale clay. 12,000,000 brick. 60 employes. Steam.
Roll.M.—Canton Rolling Mill Co. Rolling mill.
Roll.M.—Canton Steel Co. Rolling mill.
F.Clay—Champion Pottery Co. Fire clay.
F.Clay—Diebold Fire Brick Co. Fire clay.
B.Coal—Domestic Coal Co.
F.Clay—Holloway Paving Brick Co. Fire clay.
Stone—Kitzmiller Stone Co., 18 W. 8th st. Sandstone.
B.Coal—A. Kramer. Kramer No. 2 mine. 1,650 tons; 300 days; 2 employes.
B.Coal—Henry Minich. (Local.)
B.Coal—S. D. Price. (Local.)
F.Clay—Royal Fire Brick Co. Fire clay.
B.Goal—Robert Thirewall. Burney Welrough mine. Slope. 150 tons. (Local.)
B.Coal—Christian Warstler, Oberlin. Slope. (Local.)
B.Coal—Waynesburg Brick & Clay Co. J. C. Lupher, pres.; A. B. Beans, v. pres.; R. R. Jacob, secy., gen. mgr. and buyer; H. Sweet, treas. Cap. stk. $25,000, $20,000 pd. up. Mine and works at Waynesburg. Principal business, manufacture of paving brick. Mine bituminous coal for own use.

CARBONDALE, Athens Co. Pop. 682. M.O. Tel. Ry. 50. Banking town Athens.
B.Coal—P. J. Beckler. Trace Run mine. Tunnel. (Local.)
B.Coal—Carbondale Coal Co. C. A. Smith, pres. and treas.; T. M. Smith, gen. mgr., buyer. Cap. stk. $80,000, pd. up. Carbondale mine. Slope. 50,000 tons; 200 days; 200 employes. Steam.

CARBONHILL, Hocking Co. Pop. 598. M.O. Ry. 214. Banking town Nelsonville.
B.Coal—Jno. Charton. (Local.)
B.Coal—Samuel Mitchell. (Local.)

CAREY, Wyandot Co. Pop. 1,605. M.O. Tel. Ry. 203; 214; 615a.
Stone—L. J. Kemmerley. Limestone.
Stone—Wm. Lanker. Limestone.
Stone—M. B. Smith. Limestone. Limekilns. Carey white shell lime. 200 barrels daily capacity. Stone crusher, 60 yards daily capacity. Steam.

CARLTON, Gallia Co. Ry. Carls, 407.
M.E.—H. V. Carl, M. E. Mine engineer of Carlton Coal Works.
B.Coal—Carlton Coal Works (Mack & Bing, proprs.) Carlton mine. Tunnel, 5,300 ft. 35 employes. Horse. H. V. Carl, M. E., mine supt.

CARLWICK, Muskingum Co. Ry. 64. Banking town Zanesville.
B.Coal—A. B. Mullen. (Local.)

CARROLL, Fairfield Co. Pop. 293. M.O. Tel. Ry. 214. Banking town Lancaster.
Stone—J. W. Carpenter. Sandstone.

CARROLLTON, Carroll Co. Pop. 1,228. M.O. Tel. Ry. 202.
B.Coal—Huston & Faust.
B.Coal—F. P. Moody. Huston mine. Tunnel, 1,000 ft. 1,500 tons; 200 days; 5 employes.
B.Coal—Jas. Tripp. (Local.)

CARTHAGE, Hamilton Co. Pop. 2,260. M.O. Tel. Ry. 190; 203. Banking town Cincinnati.
Stone—F. E. Wiehe. Limestone.

CEDARRUN, Muskingum Co. Ry. 966. Banking town Zanesville.
B.Coal—Stone Bros. (Local.)

CEDARVILLE, Greene Co. Pop. 1,355. M.O. Tel. Ry. 686.
Lime—D. S. Ervin. Lime kilns. 60,000 bushels; 250 days; 25 employes.
Stone—Jas. R. Orr. Limestone.
Stone—John B. Taylor. Limestone. 750 cu. ft. per day; 120 days; 4 employes.

CELINA, Mercer Co. Pop. 2,702. M.O. Tel. Ry. 190; 191; 445.
C.E.Sur.—A. W. Fishbaugh. Civil Engineer and Surveyor.

CENTERVILLE, Montgomery Co. Pop. 252. M.O. Tel. Ry. 242. Banking town Miamisburg.
B.Coal—Thos. E. & E. D. Evans. Tunnel. (Local.)
Stone—James Maurel. Sandstone.
Stone—R. Starnel. Sandstone.

CHAGRIN FALLS, Cuyahoga Co. Pop. 1,243. M.O. Tel. Ry. 202.
Stone—Chagrin Falls Stone Co. Harper quarry. Sand-

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CHAGRIN FALLS—Continued.
stone. 300 days; 30 employes. Stone mill, 1,000 ft. daily capacity. Steam and water. Three miles ry.
Stone—Henderson & Tomlinson. Sandstone.

CHALFANTS, Perry Co. Ry. 49. Banking town Somerset.
Stone—J. Downerd & Son Co., 201 Main St., Zanesville. Sandstone. 225 days; 12 employes. Mill for grinding sandstone and washing glass sand. Steam.
F.Clay—Fire clay mine at Zanesville.

CHAMBERSBURG, Montgomery Co. Pop. 69. Ry. Tadmor, 190. Banking town Dayton.
Stone—J. S. Booher. Sandstone.

CHAPMAN, Jackson Co. M.O. Ry. 629. Banking town Jackson.
B.Coal—J. R. Brown. (Local.)
B.Coal—Jas. Chambers. (Local.)
B.Coal—Chapman Coal Co.
B.Coal—Isaac McGhee. (Local.)

CHILLICOTHE, Ross Co. Pop. 11,290. M.O. Tel. Ry. 50; 190; 608.
B.Coal—Wellston Coal Co.

CHILO, Clermont Co. Pop. 214. Ry. 626. Banking town Felicity.
Stone—Chas. Saltz. Limestone.

CINCINNATI, Hamilton Co. Pop. 298,000. M.O. Tel. Ry. 50; 150; 187; 190; 192; 193; 194; 195; 203; 598; 686.
Stone—A. B. Ashman Co., 9th and John Sts. A. B. Ashman, pres., gen. mgr. and buyer; George Ashman, secy.; Alfred L. Ashman, treas. Limestone quarry at Osgood, Ind.
Stone—Ashman & Glasgow. Limestone.
Stone—Big Four Stone Co., Builders Exchange. Limestone.
Stone—Billage & Marsch. Limestone.
C.E.—G. Bonscaren, Consulting Engineer, Mitchell Bldg.
Stone—Albert Buetsche, Tusculum Heights. Limestone.
B.Coal—Campbells Creek Coal Co., foot of Baymiller st. E. R. Andrews, pres. and treas.; S. F. Dana, v. pres. and gen. mgr.; S. Sloan, secy. Mine at Malden, W. Va.
B.Coal—Cincinnati Coal & Coke Co., 5th and Freeman aves. A. Montgomery, pres.; M. M. Durrett, secy. and treas.; Jas. P. Lindsay, mgr.
B.Coal—Consolidated Coal & Mining Co., 6 to 10 Mitchell Bldg. Alex. McDonald, pres.; R. Folsom, v. pres.; Oliver Kinsey, secy.; John Brashears, mgr.
Stone—Benjamin Cooney. Limestone.
Stone—A. W. Davis. Limestone.
Gold—El Socorro Mining & Milling Co., 259 W. 7th St. J. W. Breed, secy. and treas.
Stone—James Foster. Limestone.
Stone—Joseph Graft. Limestone.
B.Coal—Greenwood Railway & Coal Co., 81 W. 3rd St. Louis Krohn, treas. Mines at Greenwood, Ky.
Stone—Hoosier Stone Co. Limestone.
Gran.—E. W. Jung., 9th & Plum sts. Granite.
B.Coal—Kanawha Coal & Coke Co., 304 Neave Bldg.
B.Coal—Kineor Coal Co.
C.E.—E. F. Layman, Civil Engineer, 32 East Third St.
Geol.—Josua Lindahl, Ph.D., F.G.S.A., F.A.A.S., Museum of Natural History; Ex-State Geologist of Illinois. Edited Vol. VIII of Geological Survey of Illinois, Springfield, 1890. Report on the Department of Geology in the Report of the Illinois State Board of World's Fair Commissioners, 1895.
Met.M.E.—Joseph M. Locke, Metallurgist and Mining Engineer, 42 East Third St.
Roll.M.—Jas. McDonald & Sons, 317 Main st. Rolling mill.
Roll.M.—Mitchell, Tranter & Co., 2nd & Elm Sts. James Tranter, pres.; W. W. Tranter, v. pres.; James A. Sebastian, secy.; Geo. M. Clark, treas. and buyer. Cap. stk. $600,000. Rolling mill at Covington, Ky.
B.Coal—Monongah Coal & Coke Co., 32 Mitchell Bldg. Mine at Monongah, W. Va.
Stone—Moores Lime Co., 933 W. 5th St. F. L. Moores, gen. mgr. Quarry at Springfield.
Stone—Gustave M. Mueller & Co., 702 W. Front st. (Gustave M. Mueller and Geo. A. Ryan, prop'rs). Cap. $15,000. Quarry at Wildie, Ky.
B.Coal—Peerless Coal Co. Mine at Peerless, W. Va.
Gran.—Pioneer Granite Co., 549 W. 5th st. Granite.
M.E.—Walter Resor, Mining Engineer, 311 Vine st.
Stone—Rock Castle County Kentucky Blue Stone Quarry. 408 W. Front st.
Stone—St. Paul Stone Quarries Co., 54 Carew Bldg. Main office and quarries at St. Paul, Ind.
Stone—W. R. Smith & Sons, Otway. Office in Smith Bldg. Sandstone and freestone; buff, blue and gray.
Gran.—Southern Granite Co., 19 and 20 Wiggins Blk. J. A. Eberhardt, pres., treas. and gen. mgr. Granite Quarry at Lithonia, Ga.
Marb.—Southern Marble Co., 68 Johnston Bldg.
Stone—Henry Stagg & Bros. Limestone.

CINCINNATI—Continued.
C.E.—J. A. Stewart, Civil Engineer, 517-518 Johnston Bldg.
Stone—L. & F. Tueting, 43 E. Liberty st.
Stone—Virginia Brown Stone Co., 54 Carew Bldg. John L. Scanlan, pres.; Chas. Macdonald, v. pres. and gen. mgr.
Gran.—Virginia State Granite Co., Chamber of Commerce. Jno. G. Fritsch, pres.; Adolph Pluemer, secy. and treas. Cap. stk. $100,000, $59,580 pd. up. Quarry at Richmond, Va.
G.S.—Warrior Mining Co., Pikes Bldg. Gold and silver.

CLARKSFIELD, Huron Co. Pop. 264. M.O. Tel. Ry. 936. Banking town Norwalk.
Stone—Clarksfield Stone Co. Sandstone.
Stone—Mesnard & Co. Limestone.
Stone—Seneca Rouk. Limestone.

CLAY CENTER, Ottawa Co. Pop. 182. Ry. Martin, 451. Banking town Toledo.
St.Lm.—Clark Co. (G. F. Clark and N. N. Clark). Limestone. Lime Kilns; 40,000 bbls. lime; 165 days; 15 employes. Steam.

CLERMONTVILLE, Clermont Co. Pop. 43. Ry. 626. Banking town New Richmond.
Stone—M. G. Clarke. Limestone.
Stone—J. W. McKibben. Limestone.

CLEVELAND, Cuyahoga Co. Pop. 265,000. M.O. Tel. Ry. 5a; 201a; 202; 203; 204; 204a; 451; 597; 598.
Stone—Albion Stone Co., 24 Benedict Bldg. H. M. Claflen, pres. Sandstone.
B.Coal—Humphrey Albrey.
B.Coal—Albright Coal Co., 3 and 5 Prospect st.
B.Coal—Allen Coal Co. Mine at Dellroy.
Machinery—American Mining & Milling Machinery Co. Manufacturers of mining and milling machinery. (See also Chicago, Ill.)
Roll.M.—American Wire Co., Lake st. Garrett rod mill. Four furnaces. 3 trains rolls; one 18 in., one 12 in., and one 9 in. 300 days; 200 employes; 70,000 gross tons wire rods. Steam.
Continuous rod mill. Two furnaces; 3 trains rolls; 300 days; 100 employes; 30,000 gross tons wire rods. Steam.
WireM.—Wire mill; 300 days; 900 employes; 40,000 net tons wire. Steam.
Slate—Auld & Conger, 100 Euclid ave. Quarry at Poultney, Vt.
Iron—W. W. Baldwin, 26 Superior St.
B.Coal—Big Vein Coal Co., 703 Perry-Payne Bldg. F. M. Osborne, pres.; D. B. Stambaugh, Youngstown, v. pres.; R. G. Miller, secy. and treas.
Roll.M.—Britton Rolling Mill Co., 66 Hoyt Av. Rolling Mill.
Brooklyn Coal Co., 1941 Pearl st. (Bernhard F. Gose and Geo. F. Kull.)
Stone—W. H. Caine, 2855 Broadway. Cap. $20,000. Bluestone. 150,000 ft. flagging, 5,000 perch building and 15,000 ft. block stone; 250 days; 25 employes. Steam. J. J. McMillen, quarry supt.
B.Coal—Cambridge & Guernsey Consolidated Fuel Co. Sales office, 23 Wade Bldg. Main office and mines at Cambridge.
Copp.—Canadian Copper Co., 201 Perry-Payne Bldg. Stevenson Burke, pres.; H. P. McIntosh, secy. and treas. Cap. stk. $2,500,000. Mine at Copper Cliff, Ont.
Stone—Central Ohio Stone Co., Garfield Bldg. Joseph B. K. Turner, pres.; John W. Northop, v. pres.; John A. Naaf, secy.; John Hadley, treas. Cap. stk. $50,000, pd. up. Quarries at Sharon, Pa., and Garfield, Ohio.
B.Coal—Cisco Mining Co., 121 Superior St. W. R. Huntington, pres.; J. A. Foerstner, secy. and treas. Cap. stk. $25,000. Mine at Point Pleasant.
B.Coal—Cleveland Coal Co.
B.Fur.—Cleveland Iron Co. Blast furnace.
Roll.M.—Cleveland Rolling Mill Co., Superior and Water Sts. Wm. Chisholm, pres.; W. B. Chisholm, v. pres. and mgr.; E. S. Page, secy.
Roll.M.—Cleveland Steel Co. Rolling Mill.
Stone—Cleveland Stone Co. J. M. Worthington, pres.; J. V. Painter, v. pres.; Geo. H. Worthington, secy. and treas.; C. W. McCormick, asst. secy.; E. A. Merritt, auditor; J. Nicholl, gen. supt. Cap. stk. $2,250,000, pd. up. Sandstones, Grindstones, Whetstones and Building Stone. Output: block stone, sawed stone, curbing and split flagging, bridge stone and footings, 2,788,654 cu. ft.; wall stone, 4,985 cars; grindstones, 24,512 tons; scythe stones, 4,245 gross. Net sales for year, $1,078,868. Quarries at Grindstone City, Mich.; Berea, Brownhelm, Columbia Station, La Grange, North Amherst, Olmsted Falls, Peninsula, Wakeman and West View, Ohio.
Iron—Commonwealth Iron Co., 22 Wade Bldg. E. W. Ogleboy, pres.; E. H. Harvey, v. pres.; C. W. Merrell, secy.; Jno. F. Whitelaw, treas.; O. C. Davidson, supt. Cap. stk. $500,000. Mine at Commonwealth, Wis.

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CLEVELAND—Continued.
Iron—Corrigan, McKinney & Co., 716-719 Perry-Payne Bldg.
B.Coal—Coshocton Coal Co.
B.Coal—Cottage Grove Coal Co.
B.Coal—Dinsmore Coal Co., Literary and Seneca Sts.
Cem.—Diamond Portland Cement Co. Z. W. Davis, pres.; W. G. Alcott, v. pres.; L. A. Reed, secy.; W. H. Boardman, treas.; F. L. Alcott, gen. mgr.; W. M. Mills, buyer. Cap. stk. $100,000, pd. up. Quarry and mill at Middlebranch.
Assy.—Dickman & Crowell, Assayers, Chemists and Metallurgists, 71 Atwater Bldg.
F.Clay—Dover Fire Brick Co., 44 Mercantile Bank Bldg. Fire clay. Mine at Canal Dover.
B.Coal—Drake Coal Co., 70 and 71 Wilshire Bldg. R. Keller, pres.; J. M. Drake, v. pres.; J. W. Warwick, secy. and treas.
B.Coal—Easterbrook Coal Co., 873 Seneca St.
Roll.M.—Elwood Tin Plate Co., Perry-Payne Bldg. Rolling mill.
Stone—Euclid Stone Co., 26 Wilshire Bldg. Sandstone.
Stone—Forest City Stone Co., 592 The Arcade. W. H. Stewart, pres. and treas.; W. C. Stewart, v. pres. and gen. mgr.; Geo. F. Worthington, secy. Limestone.
G.S.—Four One Mining Co., 32 Benedict Bldg. Gold and silver.
B.Coal—Goff Kirby Coal Co., 110 Ontario St. I. Goff, pres.; H. C. Kirby, secy. and treas.
B.Coal—Goshen Coal Co., 216 Cuyahoga Bldg.
Stone—Granby-Brown Co., 86 Wilshire Bldg. Sandstone.
Copp.—Grasselli Chemical Co., 784 The Arcade. Copper.
Stone—Haldeman Stone Co., 170 Superior St. Sandstone.
B.Coal—J. P. Hamby, Sycamore, Main and Winslow Sts. (Local.)
C.M.E.—Wm. B. Hanlon, Civil and Mining Engineer, 825 Hickox Bldg.
Iron—Hemlock River Mining Co., Western Reserve Blk. Jas. Pickands, pres.; Jas. Hoyt, secy.; H. G. Dalton, treas.; C. E. Lawrence, gen. mgr. Mine at Amasa, Mich.
As.Chem.—Perry L. Hobbs, Ph. D., Professor of Chemistry, Western Reserve Medical College. Consulting and Analytical Chemist and Assayer.
B.Coal—Huntington Coal Co.
B.Coal—Hutson Coal Co., 50 Wilshire Bldg. H. D. Hutson, pres.; C. E. Burke, v. pres.; H. D. Marble, secy. and treas. Mine at Diamond, O.
Stone—Independence Stone Co., 5 Euclid Av. Limestone.
Iron—Iron Belt Mining Co. L. H. Severance, pres.; C. W. Harkness, v. pres.; J. L. Severance, secy.; D. E. Leslie, treas.; D. McVichie, supt. Mine at Iron Belt, Wis.
M.E.—Jopling & Escobar, Mining Engineer, 508 Cuyahoga Bldg.
Lime—Kelley Island Lime Co., 236 Superior St.
B.Coal—Wm. Lacey, 77 River St. (Local.)
Roll.M.—Lake Erie Iron Co., 155 St. Clair St. Rolling Mill. W. C. Scofield, pres.; Edw. Lewis, v. pres.; C. W. Scofield, secy. and treas.
B.Coal—Linden Coal Co., 523 Cuyahoga Bldg.
Iron—Lowell Iron Mining Co., 164 Bank St.
G.S.L.C.—Magna Charta Silver Mining & Tunnel Co., 50 Euclid Av. Gold, silver, copper and lead.
B.Coal—Magnesium Coal Mining Co.
Stone—Malone Stone Co., 5 Euclid Av. L. H. Malone, pres.; C. O. Malone, v. pres.; J. W. Malone, secy.; J. S. Malone, gen. mgr. Sandstone. Stone mill.
A.Coal—Massillon City Coal Co., 216 Cuyahoga Bldg.
Stone—Maxwell Blue Stone Co., 89 Euclid Av. Bluestone.
Stone—Maxwell-Rolf Stone Co., 5 Euclid Av.
B.Coal—Mehard-Haber Coal Co., 396 Perkins Av.
B.Coal—Midvale-Goshen Coal Co., 509 Cuyahoga Bldg.
B.Coal—Monongahela & Lake Erie Coal Co., 207 Western Reserve Bldg. C. E. Westhafer, pres. and receiver.
Iron—Montreal River Iron Mining Co., 39 Wade Bldg.
B.Coal—Morgan, Moore & Baine Co., 801-803 Society for Savings Bldg. G. W. Morgan, pres.; C. W. Baine, v. pres. and secy.; F. K. Moore, treas.
B.Coal—Morris Coal Co., 416 Perry-Payne Bldg. C. Morris, pres.; John E. Newell, secy.; W. C. Snow, treas.
G.S.—Mount Powell Mining Co., Perry-Payne Bldg. Gold and silver.
Stone—Mussey Stone Co., 611-612-613 Cuyahoga Bldg. Henry E. Mussey, pres.; Geo. A. McArthur, v. pres.; Eugene K. Mussey, secy. and treas. Sandstone.
B.Coal—New York & Ohio Coal Co.
Min.Pt.—Ohio City Mineral Paint Co.
B.Coal—Ohio Coal Co., L. S. & M. S. Ry. Tracks.
Stone—Ohio Stone Co., 589 Arcade. J. M. Hughes, pres.; L. P. Haldeman, v. pres. and secy.; A. C. Caskey, treas.; D. D. Haldeman, gen. mgr. Cap. stk. $100,000. Quarries at Amherst, Peninsula and Independence.
B.Coal—Ohio-Tennessee Coal & Lumber Co.
B.Coal—Ohio & Pennsylvania Coal Co., 7 Prospect St.
B.Coal—Ohio & Pittsburg Coal Mining Co. Removed to Chicago.
C.E.—The Osborn Co., Civil Engineers.

CLEVELAND—Continued.
B.Coal—Osborne Coal Co.
B.Coal—Osnaburg Mining Co.
Roll.M.—Otis Steel Co., Lake, cor. of Lawrence St. Rolling mill.
C.Coal—Pinkney Cannel Coal Co., 502 Western Reserve Bldg.
B.Coal—Pioneer Coal Co., Bank and Superior Sts. S. Granger, pres.; C. S. Barrett, secy. and treas.
B.Coal—Pittsburg & Wheeling Coal Co., 723 Hickox Bldg.
B.Coal—Post Royal Coal & Coke Co.
B.Coal—Prospect Coal Co., 347 Pearl St.
B.Coal—Rainbow Coal Co., 703 Perry-Payne Bldg.
Stone—Reader Stone Quarry, 23 Public Square. Limestone.
B.Coal—Rhodes & Beidler Coal Co., 215-219 Cuyahoga Bldg. R. R. Rhodes, pres.; T. F. Beidler, secy.; J. A. Beidler, treas. and gen. mgr.
B.Coal—Rock Hill Coal Co., Cap. stk. $45,000, pd. up. Mine at Flushing.
B.Coal—J. H. Somers Fuel Co. (J. H. Somers, prop'r), 521 Cuyahoga Bldg. Cap. $240,000. Mines at Sherodsville and Belle Vernon, Pa.
Stone—J. L. Sterling & Sons. Sandstone.
B.Coal—Sterling Mining Co., 414 Cuyahoga Bldg. John Hileman, pres.; H. D. Hileman, secy.; W. H. Warner, treas. and gen. mgr. Cap. stk. $10,000, pd. up. Mine at East Palestine.
As.Met.—Oscar Textor, Assayer and Metallurgist, 158 Superior St.
Roll.M.—Union Rolling Mill Co., Aetna st.
Stone—Union Stone Co., 150 Merwin st. Sandstone.
Salt—United Salt Co.
B.Coal—Valley Coal Co.
B.Coal—Wade Park Coal Co., 1640 St. Clair St.
B.Coal—Wills Creek Coal Co.
Stone—Wilson & Hughes, 170 Superior St.
B.Coal—Windsor Coal Co., Windsor Av. John J. Thomas, mgr.
B.Coal—Young & Harrington Coal Co., 142 Scranton Av. Thos. E. Young, pres.; Alex. J. Watson, secy.; F. C. Harrington, treas.
B.Coal—Zettlemeyer Coal Co., 25-31 Commercial St. Chas. Zettlemeyer, treas and mgr.

CLINTON, Summit Co. Pop. 438. M.O. Tel. Ry. 49; 200. Banking town Akron.
B.Coal—Fox Lake Coal Co., Cleveland. Clover Hill mine and Messenger mines. Shafts. Steam.

COALDALE, Muskingum Co. Pop. 50. Banking town and Ry. Zanesville, 49; 64; 186; 200; 202; 215; 966.
B.Coal—Frank E. Dick. Tunnel, 600 ft.; 800 tons; 150 days; 3 employes.
B.Coal—Geo. & S. E. Porter. Tunnel.

COALGATE, Hocking Co. Pop. 200. Tel. Ry. 214. Banking town Logan.
B.Coal—Somers Coal Co., 11 East Town St., Columbus. No. 3 mine. Tunnel, 2,000 ft.; 150,000 tons; 210 days; 110 employes. Operate 75 cars. Electricity. Z. Williams, mine supt.

COALGROVE, Lawrence Co. Pop. 97. M.O. Tel. Ry. 608. Banking town Ironton.
B.Coal—Philip Carey. 1,200 tons; 9 employes.
B.Coal—John J. Peters, Jr. Coal Grove mine. Tunnel. (Local.)

COALRUN, Washington Co. Pop. 163. Ry. Equity, 966. Banking town Beverly.
B.Coal—Wm. Cowell. (Local.)
B.Coal—Cowell & Posey.
B.Coal—Hickman, Cowell & Co.
B.Coal—Keever & Son.

COALTON, Jackson Co. Pop. 1,459. Ry. 190; 629. Banking town Jackson.
B.Coal—Buckeye Coal Co. Drift.
B.Coal—Coalton Coal Co.
B.Coal—John F. Hall. Coalton mine. Slope. Steam. (Local.)
B.Coal—Hippel Coal Co. Hippel mine. Slope. Steam.
B.Coal—W. A. Jones. Garfield mine. Open pit. (Local.)
B.Coal—Alex. Oman. (Local.)
B.Coal—Poling Coal Co. Dayton. Tunnel.
B.Coal—Thos. Rhodes. (Local.)
B.Coal—Daniel Shook. (Local.)

COLD SPRINGS, Clark Co. Tel. Ry. 203.
Stone—S. Casperis. Limestone.
Stone—Moores & Co. Limestone. Steam.

COLLEGE CORNER, Butler Co. Pop. 1,096. M.O. Tel. Ry. 190.
Stone—John Lasley. Limestone.
Stone—J. Paxton. Limestone.
Stone—Albert Ridenor. Limestone

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COLLINWOOD, Cuyahoga Co. Pop. 1,727. M.O. Tel. Ry. 451.
Stone—Wm. Rolfe & Co. Limestone.

COLUMBIANA, Columbiana Co. Pop. 1,112. M.O. Tel. Ry. 688.
B.Coal—Holloway & Co.

COLUMBUS, Franklin Co. Pop. 90,000. M.O. Tel. Ry. 49; 200; 203; 214; 215; 608; 686; 883.
B.Coal—Black Diamond Coal & Coking Co., Wyandotte Bldg. Fitch Gilbert, pres.; N. C. Chapman, v. pres.; J. H. Earnshaw, secy. and gen. mgr.; Henry L. Gilbert, treas. Cap. stk. $500,000 Mine at Lathrop.
B.Coal—W. B. Brooks & Son.
Stone—Casparis Stone Co., 69 Canton Blk. Sylvio Casparis, pres.; John Pfeiffer, v. pres.; Thomas S. Brooks, secy. and treas. Limestone.
Clay—Columbus Brick and Terra Cotta Co., 89 N. Third St. L. G. Kilbourne, pres. and gen. mgr.; A. B. Colt, secy. and treas. Cap. stk. $200,000, $120,000 pd. up. Pit at Union Furnace.
B.Coal—Columbus Coal & Mining Co., 334 N. High St. Francis N. Barnes, pres. and treas.; Rollin N. Barnes, v. pres.; Clyde F. Barnes, secy.
B.Coal—Columbus & Eastern Coal Co.
C.Ir.—Columbus & Hocking Coal & Iron Co., 801-805 The Wyandotte. Jay O. Moss, pres.; Rudolph H. Johnson, v. pres. and gen. mgr.; Sidney A. McManigal, secy. and aud.; Edward M. Mancourt, treas. Cap. stk. $5,000,000.
B.Coal—Columbus & Shawnee Coal Co., 16 E Chestnut St. C. G. Kern, pres. and buyer; C. C. Collins, secy. and treas. Cap. stk. $25,000, pd. up. Mine at Hemlock.
C.Ir.—Conshohocken Coal & Iron Co.
B.Coal—Courtright & Kistler, 3 and 4 Clinton Blk.
B.Coal—Cratty Coal Co., Clinton Bldg. Joseph Cratty, secy. Mine at Redneld.
B.Coal—Crescent Coal Co.
C.E.Sur.—Harry M. Gates, Civil Engineer and Surveyor, 25½ N. High St.
B.Coal—Geo. Butler Mining Co.
B.Coal—Glenmore Coal Co., 274½ N. High St.
Roll.M.—Goshen Rolling Mill.
B.Coal—Greendale Furnace Co., Y. M. C. A. Bldg. Blast furnace.
Roll.M.—P. Hayden Saddlery Hardware Co., 134 N. Sciota St. W. B. Hayden, pres.; C. H. Allen, v. pres., gen. mgr. and buyer; C. H. Hayden, secy. and treas. Cap. stk. $640,000, pd. up. Columbus Iron Works. Three double heating furnaces; two single and seven double puddling furnaces. Five trains rolls, 8, 10, 12 and 17 inch muck; 300 days; 175 employes. 15,000 net tons. Small T rails, bar and chain iron. R. R. Turner, mill supt.
B.Coal—Haydenville Mining & Manufacturing Co., 190 W. Long St. Chas. H. Hayden, pres.; Albert Hayden, v. pres.; John W. Jones, gen. mgr.
B.Coal—Hocking Valley Coal Co., 44 E. Broad St. Edmund A. Cole, pres.
B.Coal—Jacksonville Coal Co.
Machinery—Jeffrey Mfg. Co., 1st Ave. and C. C. C. & St. L. Ry. Jos. A. Jeffrey, pres. and gen. mgr.; R. Gros Hutchins, v. pres. and buyer; Chas. W. Miller, secy.; Cyrus Robinson, Mining Engineer. Cap. stk. $300,000, pd. up. Manufacturers of Coal Mining Machines, Coal Drills, Mine Locomotives, Mine Equipments, Coal Handling Machinery, Mill and Mine Supplies, Chain Belting, Steel Cable Conveyors and Screens.
R.M.Fur.—King, Gilbert & Warner. Blast Furnace and Rolling Mill, 25½ S. High St. Riley M. Gilbert, pres.; James H. King, v. pres.; R. S. Warner, secy. and treas.
Stone—Limman Bros. Limestone.
Stone—Link Bros. Limestone.
Stone—Jos. McNinch, 166 N. Central Ave. Limestone.
B.Coal—New Pittsburg Coal Co., 51 and 52 Ruggery Bldg. Thos. Johnson, pres. and treas.; A. C. Saunders, v. pres.; G. D. Preston, secy.; Edwd. Johnson, gen. mgr. and buyer. Cap. stk. $100,000, pd. up. Mine at New Pittsburg.
B.Fur.—New York & Western Coal Co. Blast furnace.
Stone—T. J. Price. Limestone.
B.Coal—Raybould Coal Co., 102 Clinton Bldg. Samuel Raybould, pres. and gen. mgr. Thomas Raybould, v. pres. and buyer; D. C. Postle, secy. and treas. Cap. stk. $100,000, pd. up. Mine at Nelsonville.
Stone—R. L. Sharp Stone Co. (partnership). 6 Board of Trade. R. H. Sharp, pres., gen. mgr. and buyer; L. S. Sharp, v. pres.; W. H. Sharp, secy. and treas. Cap. $50,000. Sandstone quarry at Sugar Grove.
B.Coal—Somers Coal Co., 11 E. Town St. A. Brenholts, pres.; Z. Williams, v. pres.; James O. Somers, sec., treas., gen. mgr., and buyer. Cap. stk. $9,000, pd. up. Mine at Coalgate.
B.Coal—Stalter Coal Co., 17 Clinton Blk. Gustavus Herman, pres.; Robert Stalter, v. pres.; David Shertzer, secy. and treas.

COLUMBUS—Continued.
B.Coal—Sunday Creek Coal Co., 5½ W. Broad St. John S. Morton, pres.; Geo. W. Bright, v. pres.; Julius F. Stone, treas. Mines at Buckingham, Corning and Carrington.
Atty.—Albert Lee Thurman, Attorney at Law, 505 Wyandotte Bldg.
B.Coal—H. D. Turner & Co.
B.Coal—Wallace Coal Co., Clinton Bldg. J. B. Hamilton, pres.; Wm. Wallace, M. E., v. pres.; Joseph Cratty, secy. and treas.; H. W. Neereamer, gen. mgr. and buyer. Cap. stk. $20,000, $10,000 pd. up. Mines at Redfield and Hemlock.
Stone—Wittenmeier Stone Co., Mound St., W. of Hocking Valley Ry. Depot.
Stone—Jonas Wilcox, 54 N. Sandusky St. State quarry. Limestone. 190 days; 7 employes.

COMPHER, Belmont, Co. Ry. Piedmont, 204. Banking town St. Clairsville.
B.Coal—F. L. Jackson. (Local.)

CONCORD, Lake Co. Pop. 131. Ry. 683. Banking town Painesville.
L.Stone—Theo. Curtis. Limestone.

CONESVILLE, Coshocton Co. Pop. 313. Tel. Ry. 202; 686. Banking town Coshocton.
Coal—Columbus Brush Creek Coal Co.
B.Coal—David Davis. Conesville mine. Tunnel. (Local.)

CONGO, Perry Co. Tel. Ry. 215. Banking town Corning.
B.Coal—Congo Coal Mining Co. Congo mine. Shaft. Steam and electricity.

CONSTITUTION, Washington Co. Tel. Ry. 50. Banking town Marietta.
Stone—Constitution Stone Co. Sandstone.

CORWIN, Highland Co. Ry. Taylorsville, 195.
B.Coal—Tom Corwin Coal Co.

COSHOCTON, Coshocton Co. Pop. 3,672. M.O. Tel. Ry. 202; 686; 887a.
B.Coal—C. L. Cassingham. (Local.)
B.Coal—Cleveland & Coshocton Coal Co. Cassingham No. 2 mine.
B.Coal—Jno. Conley. Conley Nos. 1 and 2 mines.
L.Z.—Coshocton Lead & Zinc Co.
B.Coal—Davis Bros.
B.Coal—J. L. Davis. Flint Hill mine.
B.Coal—Davis & Cassingham.
B.Coal—Diamond Coal Co. Diamond mine. Drift.
B.Coal—Chris. Hudson. (Local.)
B.Coal—Thos. Lear. Drift. (Local.)
B.Coal—Morgan Run Coal & Mining Co., Cleveland. Morgan Run mine. Tunnel. Electricity.
B.Coal—Orangeville Coal Co. (Local.)
B.Coal—Joseph Robson. (Local.)

COVINGTON, Miami Co. Pop. 1,178. M.O. Tel. Ry. 190; 686.
Stone—Chas. Barringer. Limestone.
Stone—Aug. Burch. Limestone.
Stone—Covington Stone Co. Limestone.
Stone—D. L. Face. Limestone.
Stone—Levi Falkner. Limestone.
Stone—C. B. Fletcher. Limestone.
Roll.M.—Mitchell, Tranter & Co., 2nd and Elm Sts., Cincinnati, Ohio. Eleven single puddling, three scrap, seven heating and two annealing furnaces. One plate and one sheet mill. Four trains rolls; one 8 in., one 20 in. bar, one 20 in. muck, and one 10 in.; 15,000 tons; 300 days; 300 employes. Steam. Henry Green, supt.
Stone—J. W. Ruhl, Rocky Branch quarry. Limestone. 8,600 yards; 300 days; 20 employes. Limestone mill, 40 tons daily. Ground stone for making glass. Steam.
Stone—Conrad Shepbuch. Limestone.

CRAIG, Guernsey Co. Pop. 300. Banking town and Ry. Cambridge, 49; 201; 275.
B.Coal—Forsythe Coal Co., Cambridge. Slope, 100 ft.; 75,000 tons; 200 days; 75 employes. Steam.
B.Coal—Eugene Scott. (Local.)

CRANBERRY, Allen Co. Pop. 40. Ry. Beaver Dam, 445. Banking town Lima.
Stone—Long Bros. Limestone.

CRAWFORD, Wyandot Co. Pop. 72. Ry. 214. Banking town Carey.
Stone—M. D. McCarey. Limestone.

CREOLA, Vinton Co. Tel. Ry. 214. Banking town McArthur.
B.Coal—J. C. Aisil. (Local.)
B.Coal—John Morehead. Tunnel, 500 ft.; 200 tons.

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CROOKSVILLE, Perry Co. Pop. 178. M.O. Tel. Ry. 186.
B.Coal—Burley, Winter & Brown.
B.Coal—Hard Coal Co.
B.Coal—Thos. Ross. (Local.)
A.Coal—Zanesville Coal Co., Zanesville, O. Keystone mine; tunnel and drift; 60,000 tons; 200 days; 100 employes. N. W. Spencer, supt.

CRYSTAL SPRING, Stark Co. Pop. 107. Ry. 204. Banking town Massillon.
B.Coal—J. Moore. (Local.)

CULBERTSON, Lawrence Co. Ry. Lawrence, 190. Banking town Ironton.
Stone—Lawrence Furnace Co. Limestone.
B.Coal—May & Carrington.

CUMBERLAND, Guernsey Co. Pop. 800. M.O. Tel. Ry. 64; 275. Banking town Caldwell.
B.Coal—F. A. Cowyill. Tunnel, 1,000 ft.; 2 employes.
B.Coal—H. C. Hunter. (Local.)
B.Coal—M. B. Hunter. Slope. (Local.)

CUYAHOGA FALLS, Summit Co. Pop. 2,620. M.O. Tel. Ry. 5a; 5b; 200; 683.
B.Coal—Falls Coal Co.
Roll.M.—Falls Hollow Staybolt Co. M. H. Howe, pres. and treas.; C. M. Walsh, secy., gen. mgr. and buyer. One 10 in. train rolls, 800 gross tons; 250 days; 20 employes. Water. John W. Walsh, mill supt.
B.Coal—H. Thomas & Co.
F.Clay—Henry Thompson. Fire Clay. 2,000 tons; 200 days; 8 employes.

DALTON, Wayne Co. Pop. 610. M.O. Tel. Ry. 936. Banking town Orrville.
B.Coal—Athens Coal Co., Marietta, O. Shaft, 135 ft.; 100,000 tons; 250 days; 190 employes. Steam.

DANFORD, Guernsey Co. Ry. Scotts Mines, 49. Banking town Cambridge.
B.Coal—Mrs. E. Norris & Co.

DAYTON, Montgomery Co. Pop. 58,900. M.O. Tel. Ry. 190; 203; 241; 598; 686.
B.Coal—Acme Coal Co.
Stone—O. D. Brown. Sandstone.
Stone—Samuel Fauver. Limestone.
Stone—Wm. Huffman, & Co. Cap. $50,000. Limestone. 20,000 yards. 275 days. 100 employes. Stone crusher, 200 yards daily capacity. Steam. L. W. Green and S. Horn, quarry supts. Operate 2 miles Ry., 1 locomotive.
B.Coal—Lucy Coal & Mining Co.
Stone—Jacob Seybold. Limestone. 3,000 ft.
Stone—Shafer & Green. Limestone.
Stone—H. B. Shroup. Sandstone.
Iron—Smith & Sharpe Mining Co. Mine at Pinkney, Tenn.
Coal-I.—Southern Ohio Coal & Iron Co.

DEAN, Montgomery Co. Ry. Highland, 242.
Stone—Hufman & Renner. Limestone.

DEERSVILLE, Harrison Co. Pop. 390. Banking town and Ry. Cadiz, 660.
B.Coal—Jessie Cecil. (Local.)
B.Coal—A. R. Dickey. Brush Run mine. Drift. 8,000 tons; 3 employes.
B.Coal—John and Thomas McMiller. Tunnel. 800 tons; 2 employes.
B.Coal—Shister & Dickey.

DELAWARE, Delaware Co. Pop. 8,250. M.O. Tel. Ry. 203; 214; 215.
Stone—F. L. Campbell. Limestone.
Stone—Campbell & Hazelton. Limestone.
Stone—Wm. Hollenburg. Limestone.
St.Lm.—Thomas Owens, P.O. Box 33. Limestone. Lime kilns. 200 bushels lime daily output. 200 days; 8 employes. Steam.

DELLROY, Carroll Co. Pop. 512. M.O. Tel. Ry. 202. Banking town Carrollton.
B.Coal—Allen Coal Co., Cleveland. Allen mine. Shaft.
B.Coal—S. Allen's Sons, Cleveland. Empire Mine No. 3. Tunnel.

DELMOUNT, Fairfield Co. Ry. 186.
Stone—Jos. Miminzer. Limestone.
Stone—T. R. Reese. Limestone.

DELPHOS, Allen Co. Pop. 4,518. M.O. Tel. Ry. 190; 615a; 688; 887.
Stone—Aaron Fisher. A. L. Fisher, mgr. Limestone. 24 employes. Stone crusher, 90 yards daily capacity. Steam.
Stone—J. C. Ford. Limestone.

DENNISON, Tuscarawas Co. Pop. 2,928. M.O. Tel. Ry. 686.
B.Coal—Aimsworth & Laizin.
B.Coal—Monarch Coal Co., Canton. Monarch mine. Tunnel. Steam.
B.Coal—C. M. Totten. Open pit. (Local.)

DIAMOND, Portage Co. M.O. Ry. Palmyra. Ry. 443. Banking town Ravenna.
B.Coal—Hutson Coal Co., 50 Wilshire Bldg., Cleveland. Hutson Nos. 1 and 2 mines. Shaft, 125 ft. Steam.
B.Coal—Scott Coal Co. Scott mine. Shaft. 15 employes.

DILLON, Muskingum Co. M.O. Tel. Ry. Cannellville, 215. Banking town McConnellsville.
B.Coal—Orrin Ballou. (Local.)
B.Coal—East Hill Coal Co.
B.Coal—Goodlive & McConnell. Mine at Cannelville.
B.Coal—J. E. Webster. (Local.)

DON, Belmont Co. Ry. 201a. Banking town Martins Ferry.
B.Coal—August Henschel. Open pit.

DOYLESTOWN, Wayne Co. Pop. 1,120. M.O. Ry. 598.
B.Coal—Wm. Collier. (Local.)
B.Coal—Henry C. Galehouse. (Local.)
B.Coal—John Santock. (Local.)
B.Coal—Seiberling, Miller & Co. California mine. Tunnel, 400 ft. 5,000 tons; 280 days; 6 employes. W. H. Albright, mine supt.

DRESDEN, Muskingum Co. Pop. 1,250. M.O. Tel. Ry. 186; 202.
B.Coal—J. S. Copeland. (Local.)
B.Coal—H. Ferrell. (Local.)
B.Coal—Milton Griffin. (Local.)
B.Coal—Robt. Jamison. (Local.)
B.Coal—Samuel Stuller. Open pit. 181 tons. (Local.)

DUNDEE, Tuscarawas Co. Pop. 162. M.O. Tel. Ry. 202. Banking town Shanesville.
Stone—John Mohr. Limestone.
Stone—J. Stoughey. Limestone.

DUNHAM, Washington Co. Pop. 96. Ry. Belpre, 50. Banking town Marietta.
Stone—M. D. Blue. Limestone.

DUNKIRK, Hardin Co. Pop. 1,220. M.O. Tel. Ry. 688; 883.
Stone—Railway Stone & Ballast Co. Sandstone.

EAST FAIRFIELD, Columbiana Co. Ry. New Waterford, 660. Banking town E. Palestine.
B.Coal—Austin Hannum. (Local.)
B.Coal—Wm. Moore. Shaft, 54 ft. 1,300 tons; 300 days; 3 employes. Horse.
B.Coal—Jas. W. Murphy. (Local.)
B.Coal—Peter Young. (Local.)

EAST LEWISTOWN, Mahoning Co. Pop. 102. Banking town and Ry. Columbiana, 660.
B.Coal—J. F. Walters. (Local.)

EAST LIVERPOOL, Columbiana Co. Pop. 10,956. M.O. Tel. Ry. 201a.
B.Coal—Samuel Beal. (Local.)
B.Coal—Faulk Bros. Cap. $3,000. Dry Run mine. Tunnel, 300 ft. 600 tons; 200 days; 2 employes. (Local.)
G.S.—Exodus Mining Co. Gold and silver.
Co.St.—McDevitt & Moore. Bituminous coal and stone.
B.Coal—Mathew E. Myers. (Local.)

EAST PALESTINE, Columbiana Co. Pop. 1,816. M.O. Tel. Ry. 688.
B.Coal—Thos. Atcheson. (Local.)
B.Coal—East Palestine Coal Co. Carbon Hill mine. Drift. Horse.
B.Coal—Filer Bros.
B.Coal—Charles Hall & Son.
B.Coal—John Jones. Chamberlin mine. Open pit. (Local.)
B.Coal—John W. Smith. (Local.)
B.Coal—State Line Coal Co. State Line slope and State Line drift mines. 100 employes.
B.Coal—Sterling Mining Co., 414 Cuyahoga Bldg., Cleveland. Sterling mine. Open drift. 50,000 tons; 200 days; 75 employes. Steam. Geo. Gould, mine supt.

EAST TOWNSEND, Huron Co. Pop. 263. Ry. Collins, 451. Banking town Norwalk.
Stone—N. H. House. Brown sandstone. 2 employes. (Local.)

EAST UNION, Wayne Co. Pop. 41. Ry. 200.
Stone—Amandas Brenneman. Limestone.

EATON, Preble Co. Pop. 2,934. M.O. Tel. Ry. 686.
Stone—Eaton Stone Co. J. H. Foos, pres.; F. M. Michael, treas. Cap. $25,000. Banta's Fork quarry. White, blue and black limestone. 300 days; 100 employes. Operate 3 miles Ry.; 1 locomotive; 15 cars. Steam.

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EATON—Continued.
Stone—J. Elliott. Limestone.
Stone—Fisher Lime Stone Co. Limestone.
Stone—Jas. A. Kantz. Limestone.
Stone—Nation & Farr. Limestone.
Stone—Jas. Saylor. Limestone.

ECHO, Belmont Co. Pop. 200. P.O. St. Clairsville. Ry. 49.
B.Coal—Baltimore & Ohio Fuel Co., St. Clairsville. Echo mine. Tunnel. 25,000 tons; 150 days. Steam.

EDINBURG, Portage Co. Pop. 263. M.O. Ry. 201a. Banking town Ravenna.
Stone—W. B. Davis. Red sandstone.

EIFORT, Scioto Co. Ry. Elfort Switch, 50. Banking town Oakhill.
Stone—W. E. Marsh. Limestone for fluxing blast furnaces. 50 employes; 25,000 tons. Tramway and incline. Horse.

ELK, Noble Co. Pop. 36. Ry. Dexter City, 201. Banking town Caldwell.
B.Coal—Maderia Coal Co., Chillicothe. Maderia mine. Shaft. Steam.

ELKTON, Columbiana Co. Pop. 63. Tel. Ry. 689. Banking town Lisbon.
Stone—A. Barnes. Sandstone.
B.Coal—Frank M. Simkins. (Local.)

ELLIOTTS, Jefferson Co. P.O. Calumet. Ry. 201a.
B.Coal—P. Connor, Toronto. Excelsior mine. Slope, 3,000 ft. 50,000 tons; 280 days; 12 employes. Steam. T. McNamee, mine supt. Do not ship; coal used in sewer pipe works.

ELLIS, Muskingum Co. Tel. Ry. 186; 202. Banking town Zanesville.
B.Coal—John Crossland. (Local.)

ELLSWORTH, Mahoning Co. Pop. 236. Ry. 660. Banking town Canfield.
Stone—M. J. Barnes. Sandstone and limestone.
Stone—Diehl & Barnes. Limestone.

ELMORE, Ottawa Co. Pop. 1,198. M.O. Tel. Ry. 451.
Stone—J. B. Lucky. Limestone.
Stone—Lucky Stone Co. Limestone.

ELYRIA, Lorain Co. Pop. 5,611. M.O. Tel. Ry. 204; 451.
Stone—Geo. E. Bryant, 13 W. Third st. Sandstone. 400 tons; 15 employes. Steam.
B.Coal—Cambridge & Elyria Coal Co. Mine at Buffalo.
B.Coal—Consolidated Cambridge Coal Co.
Stone—Corning Bluff Stone Co. Sandstone.
Stone—Elyria Stone Co. H. E. Corning, pres.; Jerome Manville, v. pres.; W. L. Fay, secy., treas., gen. mgr. and buyer. Cap. stk. $250,000, $165,000 pd. up. Sandstone. Quarry at Grafton.
Stone—Frank Eschtruth. Sandstone. 50,000 cords; 200 days; 5 employes. Stone mill, 400 ft. daily capacity. Steam.
Stone—H. E. Mussey & Co. Mussey quarry. Sandstone. Steam.
Stone—Wm. Walsh. Sandstone.

EMPIRE, Jefferson Co. Pop. 441. M.O. Tel. Ry. 201a. Banking town Steubenville.
F.Clay.—Congo Fire Clay Co. Congo mine.
F.Clay—Empire Fire Clay Co.
F.Clay—Nonesuch Fire Clay Co.
B.Coal—Stratton, Hinkle & Stratton.

ENOCH, Noble Co. Pop. 24. Banking town and Ry. Caldwell, 64; 201.
A.Coal—R. J. Matheny. Mine at Caldwell.

ENON, Clark Co. Pop. 331. M.O. Tel. Ry. 203; 598. Banking town Springfield.
Stone—F. B. Miller. Limestone.

EUPHEMIA, Preble Co. Pop. 97. Banking town and Ry. Lewisburg, 191.
Stone—John T. Miller. Limestone.

EXCELLO, Butler Co. Ry. 190.
Stone—Jacob Nickel. Limestone. 9,000 ft.
Stone—Sanford Willis. Limestone.

FAIRHAVEN, Preble Co. Pop. 273. M.O. Banking town and Ry. Camden, 660.
Stone—Elliott Bros. Limestone.

FAIRPOINT, Belmont Co. Tel. Ry. 204. Banking town St. Clairsville.
B.Coal—D. R. Bentley. (Local.)

FALLSBURG, Licking Co. Pop. 86. Ry. Black Run, 660. Banking town Newark.
Stone—S. T. Gilbreath. Freestone.

FIDELITY, Miami Co. Pop. 88. Ry. Tippecanoe City, 190. Banking town Dayton.
Stone—C. V. Poince.

FINDLAY, Hancock Co. Pop. 18,600. M.O. Tel. Ry. 190; 203; 304; 445; 883.
Stone—Aultman, Presnell & Co. Limestone.
Stone—C. B. Ball & Co. Limestone.
Stone—E. Barnd. Limestone.
Roll.M.—Findlay Rolling Mill Co.
Stone—I. Hershey. Limestone.
Stone—M. Hirsher & Son. Limestone.
Roll.M.—Kellogg Weldless Tube Co. John R. Bothwell, v. pres. and gen. mgr.; W. F. Almy, secy. and treas. Cap. stk. $1,000,000, pd. up. Two O. H. basic furnaces. Two trains rolls, 16 in.; continuous mill, 7 sets rolls each mill. 300 days; 150 employes. Steam. John Baum, mill supt.
Stone—Milbourne & Harbison. Limestone.
Stone—F. M. Reigel. Limestone.
Stone—J. W. Wells & Son, 749 E. Sandusky St. Blue limestone. 415 perch; 168 days. Steam.

FLAG, Noble Co. Ry. Warner, 201. Banking town Caldwell.
Stone—E. Bonar. Limestone.
B.Coal—Wm. S. Bonar.
Stone—D. R. Curtis. Limestone.
B.Coal—Day & Day. (Local.)
B.Coal—Hugh Dillon. (Local.)
Stone—P. Masters. Limestone.

FLATROCK, Seneca Co. Pop. 196. Tel. Ry. 215. Banking town Bellevue.
Stone—P. Dennis. Limestone.

FLUSHING, Belmont Co. Pop. 528. M.O. Tel. Ry. 204.
Surv.—William L. Ashton, Surveyor.
B.Coal—Joseph Bailly. (Local.)
B.Coal—Clinton Bethel. (Local.)
B.Coal—Henry Fisher. (Local.)
B.Coal—Flushing Coal Co., Lorain. Flushing and Rock Hill mines. Tunnel. 200 employes. Wm. Williams, mine supt.
B.Coal—Dr. Hobson. (Local.)
B.Coal—C. W. Howell. (Local.)
B.Coal—D. R. Humphreys. (Local.)
B.Coal—Randel & Co. Flushing mine. Slope. Washer.
B.Coal—Rock Hill Coal Co., Cleveland. Rock Hill mine. Slope. 100,000 tons; 225 days; 125 employes. Horse.
B.Coal—Moses Stiff. Tunnel. (Local.)

FOREST, Hardin Co. Pop. 1,496. M.O. Tel. Ry. 203; 688.
Stone—A. M. Bowers. Limestone.

FORESTDALE, Lawrence Co. Pop. 30. Banking town and Ry. Ironton, 190; 393; 608.
Stone—Edw. Adkins. Limestone.
B.Coal—Forestdale Fire Brick & Tile Works, Ashland. Forestdale mine. 3,500 tons; 240 days; 6 employes. A. Steele, mine supt. Forestdale Fir mine. Bituminous coal and fire clay. Tunnels, 1,000 ft. 8 employes.
B.Coal—Creighton L. Steed.
B.Coal—Jno. White.

FORT JENNINGS, Putnam Co. Pop. 286. M.O. Tel. Ry. 887. Banking town Delphos.
Stone—Berting & Dickman. Limestone.
Stone—J. B. Schuerman. Cap. $2,200. Limestone. 2,500 yards; 60 days; 8 employes. Stone crusher, 50 yards daily capacity. Steam. Charles Miller, quarry supt.

FOSTORIA, Seneca Co. Pop. 7,070. M.O. Tel. Ry. 49; 214; 445; 597; 883.
St.Lm.—Fostoria Stone & Lime Co.
Stone—D. P. Lloyd & Co. Limestone. 5,000 perch; 300 days; 25 employes. Steam. Lime works, 60,000 barrels annual capacity. Jno. Donahue, quarry supt.

FRANKLIN SQUARE, Columbiana Co. Pop. 316. Ry. 598. Banking town Leetonia.
B.Coal—Frank Exton. (Local.)
B.Coal—Longanecker & Zimmerman.

FRAZEYSBURG, Muskingum Co. Pop. 610. M.O. Tel. Ry. 686. Banking town Dresden.
B.Coal—John Bagent. (Local.)
B.Coal—T. J. Buchanan. Frazeysburg mine. Open pit. (Local.)
Stone—Jas. Chaney. Sandstone.
B.Coal—A. C. Cochran. (Local.)
B.Coal—Jas. A. Knight. (Local.)
B.Coal—James McCann. 500 tons; 180 days. (Local.)
B.Coal—R. E. McCann. (Local.)
B.Coal—Jacob Nathan. (Local.)

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FREDERICKSBURG, Wayne Co Pop. 600. M.O. Tel. Ry. 200. Banking town Millersburg.
B.Coal—J. H. Morgan. (Local.)

FREEMAN, Jefferson Co. Tel. Ry. 201a. Banking town Steubenville.
F.Clay—Freeman Fire Clay Co. Tunnel.

FREEPORT, Harrison Co. Pop. 672. M.O. Tel. Ry. 204.
B.Coal—John M. March. (Local.)
B.Coal—Jacob Rowland. (Local.)

FREESTONE, Scioto Co. Ry. 195.
Stone—M. Coe & Sons. T. J. Coe, gen. mgr. and buyer. Cap. $10,000. Bonanza Freestone quarries. Freestone and sandstone. 5,000 cu. yards. Steam.

FREMONT, Sandusky Co. Pop. 7,141. M.O. Tel. Ry. 445; 451; 936.
Stone—A. R. Corser. Limestone.
Stone—Gottron Bros. Limestone. 300 days; 20 employes. Stone crusher, 125 yds. daily capacity. Steam. Geo. Malkmus, quarry supt.
Stone—F. Sullivan. Limestone.
Stone—Louis Walhoff. Limestone.

FULTON, Morrow Co. M.O. Tel. Ry. 883. Banking town Mt. Gilead.
Stone—J. B. Rinehart. Fulton quarry. Sandstone. 500 to 800 cars, building, curbing and bridge stone. 200 days; 15 employes. Steam.

FULTONHAM, Muskingum Co. Pop. 341. M.O. Tel. Ry. 215. Banking town Zanesville.
Stone—Hoover Bros. Fultonham quarry. Limestone. Steam.
Stone—Wm. Hoover. Limestone.

GALION, Crawford Co. Pop. 3,626. M.O. Tel. Ry. 203; 598.
Stone—Buckeye Stone Co. Limestone.

GALLIA, Gallia Co. Tel. Ry. 190. Banking town Gallipolis.
B.Coal—Gallia Mineral Land & Mining Co.

GANO, Butler Co. Ry. 203. Banking town Hamilton.
Stone—Chicago Brown Stone Co.

GARFIELD, Mahoning Co. Pop. 37. Tel. Ry. 688. Banking town Saline.
Stone—Central Ohio Stone Co., Garfield Bldg., Cleveland. Ohio freestone. 250 days; 30 employes. Stone mill. Steam.
B.Coal—Garfield Mining & Manufacturing Co.

GENEVA, Ashtabula Co. Pop. 2,194. M.O. Tel. Ry. 451; 597.
Mica—D. G. Palmer. Mica.

GENOA, Ottawa Co. Pop. 839. M.O. Tel. Ry. 451. Banking town Elmore.
Co.St.—E. F. Gregg & Co. Bituminous coal and limestone.
Stone—Frank Holt. Limestone.

GERVAIS, Scioto Co. Ry. Haverhill, 608.
B.Coal—Means, Kyle & Co.

GETTYSBURG, Darke Co. Pop. 274. M.O. Ry. 686. Banking town Piqua.
St.Lm.—J. B. Hershuy. Fossil Rock quarry. Limestone and lime. 4,800 ft.; 200 days; 2 employes. Steam pump. Limekilns.

GIBSONBURG, Sandusky Co. Pop. 585. M.O. Tel. Ry. 887a.
Stone—Smith & Donn. Limestone.
Stone—Zorn, Horning & Co. Limestone.

GILBOA, Putnam Co. Pop. 264. M.O. Tel. Ry. 304. Banking town Ottawa.
Stone—J. B. Harmon. Limestone.

GIRARD, Trumbull Co. Pop. 2,119. M.O. Tel. Ry. 598; 683; 691.
B.Coal—Garfield Coal Co.
B.Fur.—Girard Iron Co. Blast furnace.
B.Coal—Eran Morris. (Local.)
B.Coal—Morris & Co.

GLENCOE, Belmont Co. Pop. 62. Ry. 49. Banking town Bellaire.
B.Coal—Baltimore & Ohio Fuel Co., St. Clairsville. Glen mine. Tunnel. 125,000 tons; 250 days. Steam.

GLENDALE, Hamilton Co. Pop. 1,444. M.O. Tel. Ry. 190. Banking town Cincinnati.
Stone—Chas. M. Field.

GLENROY, Jackson Co. Pop. 760. M.O. Ry. 190; 629. Banking town Jackson.
B.Coal—Ada Coal Co. Ada mine. Shaft. Steam.
B.Coal—Alma Coal Co.
B.Coal—Northern Coal Co. Northern mine. Shaft. Steam.

GLENWOOD, Noble Co. Pop. 16. Ry. 201. Banking town Caldwell.
B.Coal—Glenwood Coal Co.

GLOUSTER, Athens Co. Pop. 1,213. M.O. Tel. Ry. 215; 407.
B.Coal—D. T. Evans. (Local.)
B.Coal—Lampman & Harris. (Local.)
B.Coal—Wm. Palmer. (Local.)
B.Coal—Sedalia Coal Co. Sedalia mine. Open pit. Steam.

GOMER, Allen Co. Pop. 112. Banking town and Ry. Lima, 190; 291; 445; 629; 660.
Stone—Patrick & Waters.

GORE, Hocking Co. Pop. 583. Ry. 214. Banking town Logan.
B.Coal—P. Phelps. (Local.)

GRAFTON, Lorain Co. Pop. 600. M.O. Tel. Ry. 203; 204; 341. Banking town Elyria.
Stone—Elyria Stone Co., Elyria. Sandstone. 125,000 cu. ft.; 200 days; 100 employes. Stone mill, 5,000 square ft. daily capacity. Steam. Chas. Weinley, quarry supt.
Stone—Grafton Stone Co. Sandstone. Mill. Steam.

GRAND RAPIDS, Wood Co. Pop. 572. M.O. Tel. Ry. 887.
Stone—Wm. Malley. Limestone.
Stone—Peters & Motley. Limestone.

GREENCASTLE, Fairfield Co. Pop. 68. Ry. Carroll, 214. Banking town Lancaster.
Stone—N. Stuckey. Sandstone.

GREENFIELD, Highland Co. Pop. 2,460. M.O. Tel. Ry. 50; 629.
Stone—Coit & Graham. Steuben quarry. Sandstone.
Stone—Fred Quarrenburgher. Sandstone.
Stone—Rucker & Co. Limestone.
Stone—F. Snarrenberger. Limestone. 2 employes.

GREENFORD, Mahoning Co. Pop. 372. M.O. Ry. 291. Banking town Canfield.
F.Clay—Greenford Fire Clay Co.

GREENTOWN, Stark Co. Pop. 354. Ry. 204a. Banking town Canton.
B.Coal—L. E. Smith. Summit Hill mine. Slope, 600 ft.; 7,000 tons; 250 days; 35 employes.

GUSTAVUS, Trumbull Co. Pop. 418. M.O. Banking town and Ry. Kinsman, 451.
Stone—N. H. Bailey. Sandstone.

HAMBURG, Fairfield Co. Banking town and Ry. Lancaster, 186; 214.
B.Coal—Hamburg Coal Co.

HAMDEN JUNCTION, Vinton Co. Pop. 622. M.O. Ry. 50. Banking town McArthur.
Stone—Hamden Furnace Co. Limestone.

HAMILTON, Butler Co. Pop. 17,565. M.O. Tel. Ry. 190; 686.
Stone—M. Burkhardt. Limestone.
Stone—Jos. Duellman. Limestone.
Stone—J. A. Fromm. Limestone.
Stone—Nelson H. Good. Cap. $15,000. Limestone. (Idle.)
Stone—John Kilfoyle. Limestone.
Stone—G. Kuentzle. Limestone.
Stone—J. B. Scott. Limestone. 1,500 perch; 7 employes.
Stone—D. M. Shelley. Limestone.
Stone—H. & J. W. Shields. Limestone.
Stone—Chris. Stillwaugh. Limestone.

HAMMONDSVILLE, Jefferson Co. Pop. 121. M.O. Ry. 201a. Banking town Wellsville.
B.Coal—Wallace Mining & Manufacturing Co.
Stone—W. H. Wallace & Sons. Limestone.

HANGING ROCK, Lawrence Co. Pop. 846. M.O. Tel. Ry. 608. Banking town Ironton.
Stone—Means, Kyle & Co. E. B. Willard, pres., gen. mgr. and buyer; James Bull, secy. and treas. Cap. stk. Form Copyrighted.

HANGING ROCK—Continued.
$500,000, pd. up. Limestone. 15,000 tons; 275 days; 20 employes.

HANOVER, Licking Co. Pop. 288. M.O. Tel. Ry. 686. Banking town Newark.
Stone—O. B. Hilliary. Freestone.
Stone—C. W. Ritchey. Freestone.

HARLEM SPRINGS, Carroll Co. Pop. 230. M.O. Banking town and Ry. Carrollton, 202.
B.Coal—Wm. Burrier. Lucinda Shook mine. Incline, 400 ft. 160 tons; 300 days; 1 employe. (Local.)
B.Coal—Jas. George. (Local.)

HARMONY, Guernsey Co. Banking town and Ry. Cambridge, 49; 201; 275.
B.Coal—Jos. Hawes & Son.

HASELTON, Mahoning Co. Pop. 3,265. M.O. Tel. Ry. 681; 683. Banking town Youngstown.
B.Coal—Andrews Bros. Co.

HAWKS, Vinton Co. Tel. Ry. 214. Banking town McArthur.
B.Coal—D. G. Delaney. (Local.)
B.Coal—A. Hartley. (Local.)
B.Coal—O. L. Hawkes. (Local.)
B.Coal—Keck & Stevenson. Star mine No. 2. Drift.

HAYDENVILLE, Hocking Co. Pop. 421. M.O. Tel. Ry. 214. Banking town Logan.
B.Coal—Cohagen & Archauer.

HAZAEL, Meigs Co. Ry. Muses Bottom, W. Va., 627.
Stone—C. Powell. Limestone.

HAZLEWOOD, Hamilton Co. Ry. 192. Banking town Cincinnati.
Stone—W. Simons. Limestone.

HEMLOCK, Perry Co. Pop. 20. M.O. Tel. Ry. 215. Banking town Shawnee.
B.Coal—Columbus & Shawnee Coal Co., 16 E. Chestnut St., Columbus. Slope. 80,000 tons; 200 days; 175 employes. Steam.
B.Coal—Wallace Coal Co., Clinton Bldg., Columbus. Glen-Coe mine. Shaft, 30 ft. 100,000 tons. Steam. Opened 1895.

HENKING, Gallia Co. P.O. Carlton. Ry. Carls, 407.
B.Coal—C. A. Carls & Son.

HENRIETTA, Lorain Co. Pop. 78. Banking town and Ry. North Amherst, 451.
Stone—M. Shinburn. Sandstone.

HERRING, Allen Co. M.O. Tel. Ry. Lafayette, 660.
Stone—J. C. Marsh. Limestone.
Stone—Watt & Watt. Limestone.

HILLIARDS, Franklin Co. Pop. 338. M.O. Ry. 686; 883. Banking town Columbus.
Stone—A. C. Sells. Limestone.
Stone—M. Walton. Limestone.

HOLLISTER, Athens Co. Ry. 883. Banking town Athens.
B.Coal—Cointright, Kistler & Co., Columbus. Shaft. Steam.

HOMERVILLE, Medina Co. Pop. 98. Ry. Homer, 49. Banking town Lodi.
B.Coal—Garry McCullough. (Local.)
B.Coal—Robt. Neiser. (Local.)

HOOKER, Fairfield Co. Pop. 97. Tel. Ry. 214. Banking town Lancaster.
Stone—J. W. Carpenter & Co. Limestone.

HOPEWELL, Muskingum Co. Pop. 84. M.O. Banking town and Ry. Zanesville, 49; 64; 186; 202; 215.
B.Coal—Henry Dick. (Local.)
B.Coal—Jesse German. (Local.)
B.Coal—J. M. Morris. (Local.)
B.Coal—G. L. Porter. (Local.)
B.Coal—Jas. Porter. (Local.)
B.Coal—S. R. Porter. Drift. (Local.)
B.Coal—Isaac Sellers. (Local.)
B.Coal—Nelson Shiplet. (Local.)
B.Coal—Geo. L. Starkey. (Local.)
B.Coal—Solomon Varner. (Local.)

HOWENSTINE, Stark Co. Ry. 204a. Banking town Canton.
B.Coal—Geo. Montague. (Local.)

HUBBARD, Trumbull Co. Pop. 1,490. M.O. Tel. Ry. 451; 598.
B.Coal—C. N. Clingan. (Local.)
B.Coal—Coyne Avenue Coal Co.
Roll.M.—Hubbard Co-operative Iron Co. Rolling mill.
B.Coal—Thos. R. Mathews. (Local.)
B.Coal—Perry, Wolf & Co.

IBERIA, Morrow Co. Pop. 261. M.O. Ry. St. James, 203. Banking town Mt. Gilead.
Stone—Maxwell, McClarren & Son. Bluestone.
Stone—J. S. Quay & Son. Bluestone.

INDEPENDENCE, Cuyahoga Co. Pop. 3,568. M.O. Ry. 204a.
Stone—Balcke & Huber. Sandstone.
Stone—L. Halberson. Sandstone.
Stone—Jos. Kinzer. Sandstone.
Stone—Little & Pettibone, Cleveland. Independence quarry. Freestone.
Stone—Mrs. K. Merkle. Sandstone.
Stone—Ohio Stone Co., 589 Arcade, Cleveland. Quarry No. 10. Sandstone. 100,000 cu. ft. Two-gang stone mill.
Stone—E. Schmedlin. Sandstone.
Stone—F. D. Smith. Bluestone.

INDUSTRY, Belmont Co. P.O. and Ry. Powhattan Point, 689b.
B.Coal—H. N. Tappin. (Local.)

INLAND, Summit Co. Ry. Greentown, 204a. Banking town Akron.
B.Coal—Jos. Whittecar. (Local.)

IRONDALE, Jefferson Co. Pop. 694. M.O. Tel. Ry. 201a. Banking town Wellsville.
B.Coal—Morgan & McBane.

IRONTON, Lawrence Co. Pop. 10,139. M.O. Tel. Ry. 190; 393; 598.
R.M.Fur.C.—Belfont Iron Works Co. Rolling mill, blast furnace and coal mine. Tunnel.
B.Coal—John A. Blackwell. (Local.)
Stone—Campbell Iron Co. Limestone.
B.Fur.—Centre Mining & Manufacturing Co. Blast furnace.
Roll.M.—Eagle Iron & Steel Co. Rolling mill.
B.Coal—Geo. W. Eminger. (Local.)
B.Coal—Jos. Gilliard. (Local.)
B.Coal—J. W. Griswell. (Local.)
I.Fur.—Hecla Iron & Mining Co. Blast furnace and iron mine.
R.M.Fur.—Ironton Coal & Iron Co. Rolling mill and blast furnace.
B.Coal—John J. Johnson. (Local.)
R.M.Fur.—Kelley Nail & Iron Co. Rolling mill and blast furnace.
B.Coal—S. E. Kemp. (Local.)
B.Coal—Thos. Miller. (Local.)
B.Fur.—John Peters Iron Co. Blast furnace. One stack, 65x12 ft., 6 ft. hearth. Coke.
B.Coal—J. W. Phillips. (Local.)
Coal—H. Pirrung, 205 Railroad St. Semi-cannel coal. Mine at Dunlow, W. Va.
B.Coal—Jas. A. Richey, So. Third St. Tunnel, 60 ft.
F.Clay—Standard Gas Retort & Fire Brick Co. Fire clay.
B.Coal—W. F. Wilson, 44 W. 5th St. Tunnel.

JACKSON, Jackson Co. Pop. 4,320. M.O. Tel. Ry. 50; 629.
B.Coal—Aetna Coal Co.
B.Coal—Richard Bartlett. (Local.)
B.Coal—Buckeye Coal & Iron Co.
B.Coal—Center Valley Coal Co.
B.Coal—Wm. C. Chambers. (Local.)
Coal-I.—Cornelia Coal & Iron Co.
B.Coal—Eclipse Coal Co.
B.Coal—Emma Coal Co. Emma mine. Shaft.
B.Coal—Franklin Coal Co.
B.Coal—Louis Gibson.
B.Coal-B.Fur.—Globe Iron Co. Globe and Huron mines. Blast furnace and coal. Shaft.
B.Coal—Hanging Rock Coal Co.
B.Coal—Hurd Coal Co., Cincinnati. Hurd shaft and Hurd slope mines.
B.Coal—Jackson Hill Coal Co. Jackson Hill mine. Drift.
B.Coal—Jones Coal Co. No. 1 mine, shaft. No. 2 mine, slope.
B.Coal—Jones & Morgan. Northern mine, shaft, and No. 3 mine, slope.
B.Coal—Mark Landrum. (Local.)
B.Coal—Andrew Law. (Local.)
B.Coal—John Law. (Local.)
Stone—McKitterick Bros. Sandstone. 5,000 tons; 100 days.
B.Coal—Jas. Newport. (Local.)
B.Coal—Ohio Coal Co. Ohio mine. Slope. Steam.
B.Coal—J. N. Simpson. Open pit. (Local.)
B.Coal—Star Furnace Co. (C. O. and L. V. Brown). Star mine. Slope, 200 ft. 25,000 tons; 300 days; 40 employes. Steam and compressed air. Henry Price, mine supt.

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JACKSON—Continued.
B.Fur.—Star Furnace. Coke blast furnace. Stack, 54x14 ft.
Atty.—John T. Moore, Attorney at Law. Practice in State and Federal Courts. Corporation and Commercial Law a specialty. Compiler of Laws of Ohio for the RECORD.
B.Coal—M. L. Steinberger.
B.Coal—Superior Coal Co., Wellston.
Stone—Tropic Furnace Co. Limestone.
B.Fur.C.—Tropic Iron Co. Blast furnace and coal.
B.Coal—Willard Coal Co.

JACKSONVILLE, Athens Co. Pop. 727. M.O. Tel. Ry. 407. Banking town Glouster.
B.Coal—Northern Fuel Co., 1208, 355 Dearborn, Chicago. Mine 24. Shaft, 95 ft. 125,000 tons; 200 days; 375 employes. Electricity.
B.Coal—Standard Coal Co.
B.Coal—Wolf Coal Co.

JEDDO, Jefferson Co. Pop. 20. Ry. 201a. Banking town Steubenville.
B.Coal—E. D. Cornon.
B.Coal—D. O. Findley. Tunnel.
B.Coal—D. A. Moreland. Open pit. (Local.)

JEROME, Union Co. Pop. 39. Banking town and Ry. Marysville, 203.
Stone—J. C. Merchant & Son. Limestone.

JERUSALEM, Monroe Co. Pop. 112. Tel. Ry. 64. Banking town Woodsfield.
B.Coal—S. R. Carrolton. (Local.)

JOBS, Hocking Co. M.O. Tel. Ry. 214. Banking town Logan.
B.Coal—Harris Coal Co.

JOHNSON, Summit Co. Pop. 188. M.O. Ry. Barberton, 49; 200; 291.
B.Coal—Keihl & Son. (Local.)

JUNCTION, Paulding Co. Pop. 218. Ry. Defiance, 49; 913.
Stone—R. Johnson. Limestone.
Stone—John Mast. Limestone.

JUNCTION CITY, Perry Co. Pop. 394. M.O. Tel. Ry. 49; 186; 883. Banking town New Lexington.
B.Coal—John Green. Tunnel. (Local.)
B.Coal—Jerome Rowe. (Local.)

KALIDA, Putnam Co. Pop. 444. M.O. Banking town and Ry. Ottawa, 190; 304.
Stone—Wm. Donnell. Limestone.

KANSAS, Seneca Co. Pop. 512. M.O. Tel. Ry. 445. Banking town Fremont.
Lime—Eureka White Lime Co.

KELLEYS ISLAND, Erie Co. Pop. 1,148. M.O. Tel. Banking town and Ry. Sandusky, 49; 203; 215; 445; 451.
Stone—Hughes Bros. & Bang. Limestone.
Stone—N. Kelly & Co. Sandstone.

KENT, Portage Co. Pop. 3,501. M.O. Tel. Ry. 202; 598; 683.
Stone—M. Kent. Limestone.

KENTON, Hardin Co. Pop. 5,557. M.O. Tel. Ry. 156; 203; 883.
Stone—Frame & Stevens. Limestone.

KILGORE, Carroll Co. Pop. 192. Ry. New Bumley, 660. Banking town Scio.
Jas. W. Reed.
Stone—D. R. McArthur & Co. Limestone.

KILLBUCK, Holmes Co. Pop. 520. M.O. Tel. Ry. 200. Banking town Millersburg.
B.Coal—W. L. Gallien. (Local.)
Stone—Killbuck Brown Stone Co. Sandstone. 200 days. Electricity.

KINGS, Athens Co. (P.O. Mineral.) Ry. 50.
B.Coal—W. A. Foster. (Local.)
B.Coal—Wm. Ingram. (Local.)
B.Coal—Kings Coal Co.

KINGSTON CENTER, Delaware Co. Ry. Delaware, 203; 214; 215. Banking town Sunbury.
Stone—M. P. Chambers. Limestone.
Stone—S. Chambers. Limestone.

KITCHEN, Jackson Co. Ry. 190. Banking town Jackson.
B.Coal—David Williams. (Local.)

KRUMROY, Summit Co. Tel. Ry. 204a.
B.Coal—Batch & Reninger.
B.Coal—C. H. Gregg. Gregg mine. Shaft.
B.Coal—F. E. Reninger. Shaft, 50 ft. 200 days; 6 employes. Steam. (Local.)

LAGRANGE, Lorain Co. Pop. 551. M.O. Tel. Ry. 201; 203. Banking town Elyria.
Stone—Cleveland Stone Co., Cleveland. La Grange quarry. Sandstone. Mill. Steam. For output see Cleveland.

LANCASTER, Fairfield Co. Pop. 7,555. Tel. Ry. 186; 214.
Stone—J. J. Crook. Sandstone.
Stone—F. C. Neeb. Allegheny quarry. Sandstone. 25,000 yards; 225 days; 100 employes. Steam and air.
Stone—A. H. Snoke. Sandstone.

LATHROP, Athens Co. Pop. 500. Tel. Ry. 882. Banking town Athens.
B.Coal—Black Diamond Coal & Coking Co., Wyandotte Bldg., Columbus. Black Diamond mine. Drift. 120,000 tons; 250 days; 175 employes. Fifty coke ovens, 15,000 tons annual output. Electricity. Geo. Greene, mine supt.

LEAVITTSBURG, Trumbull Co. Pop. 310. M.O. Tel. Ry. 598; 683. Banking town Warren.
Stone—Geo. Burnett. Sandstone.

LEBANON, Warren Co. Pop. 3,050. M.O. Tel. Ry. 192; 242.
C.E.Sur.—W. R. Kemper, Civil Engineer and Surveyor. Public Works a specialty.

LEESVILLE, Carroll Co. Pop. 711. M.O. Tel. Ry. 936. Banking town Sherodsville.
B.Coal—Geo. McCreary & E. Moore. Ball mine. Open pit. 1,600 tons; 250 days; 3 employes.
B.Coal—A. Preston. Open pit. (Local.)
B.Coal—J. H. Preston. (Local.)

LEESVILLE CROSS ROADS, Crawford Co. Pop. 203. Ry. Leesville, 660. Banking town Crestaline.
Stone—Leesville Stone Co. Limestone.

LEETONIA, Columbiana Co. Pop. 8,226. M.O. Tel. Ry. 598; 688.
R.M.Fur.—Cherry Falls Iron Works. Rolling mill and blast furnace.
B.Coal—Mrs. Elizabeth Neiheisel. (Local.)
B.Coal—Zimmerman & Longnecker.

LEWISBURG, Preble Co. Pop. 486. M.O. Tel. Ry. 191.
Stone—C. Disher. Limestone.
Stone—I. J. Weaver. Limestone.
Stone—F. J. Wilson. Limestone.

LEWISTOWN, Logan Co. Pop. 163. Banking town and Ry. Bellefontaine, 203.
B.Coal—Jas. Lesher.
B.Coal—Jacob Wilderson.

LILLY, Scioto Co. Pop. 78. Ry. Gepharts, 268.
B.Coal—A. H. & G. C. Cook. Coal and coke.
B.Coal—R. H. Cook & Son. (Local.)
Stone—Farley Bros. Limestone.

LIMA, Allen Co. Pop. 16,000. M.O. Tel. Ry. 156; 190; 445; 629; 688.
Stone—Armentrout Bros. Limestone.
Stone—Jacob Custer. Limestone.
Stone—E. F. Davis. Limestone.
Stone—Fetter and Sons. Limestone. 3 employes.
Stone—Wm. Pugh. Limestone.
Stone—H. S. Sanford. Limestone.
Stone—Tetter & Sons. Limestone.
Gran.—Vermont Granite Co. Granite.

LIME CITY, Wood Co. Tel. Ry. 883. Banking town Toledo.
Stone—G. S. Breed. Limestone.
St.Lm.—The Lime City Co., 204-206 Chamber Commerce, Toledo. Lime City quarry. Limestone. 4,500 cords building and limestone; crushed stone, 150 yds.; lime, 500 bbls. daily capacity. 275 days; 25 employes. Geo. S. Breed, supt.
Stone—C. H. Sawyer. Sandstone.

LISBON, Columbiana Co. Pop. 2,700. M.O. Tel. Ry. 598; 689.
B.Coal—Godfrey N. Crawford, P.O. Box 482. Crawford mine. 4,000 tons; 4 employes. (Local.)
B.Coal—P. March & Son. H. A. March, mgr. Open pit. 1,800 tons; 275 days; 15 employes. Steam.
F.Clay—Ohio Sewer Pipe Co., operated by The United States Fire Clay Co., 52 Ninth St., Pittsburg, Pa.
Stone—Union Fire Clay and Stone Co. J. P. Coleman, pres.; C. S. Coleman, secy., treas., gen. mgr. and buyer. Sandstone quarry at Coleman.
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LISBON—Continued.
F.Clay—United States Fire Clay Co., 52 Ninth St., Pittsburg, Pa. Fire clay. 300 days; 200 employes. Steam. Also operate the Ohio Sewer Pipe Co.'s mine.

LITHOPOLIS, Fairfield Co. Pop. 369. M.O. Tel. Ry. Canal Winchester, 214. Banking town Lancaster.
Stone—Kurth H. Jang & Co. Limestone.
Stone—Jos. Leyndecker. Limestone.

LOGAN, Hocking Co. Pop. 3,119. M.O. Tel. Ry. 214.
F.Clay—Joe Bartholomew. No. 6 mine. Fire clay. Open pit.
Stone—Hocking Clay & Manufacturing Co. Limestone.

LORAIN, Lorain Co. Pop. 4,863. M.O. Tel. Ry. 204; 597.
B.Coal—Flushing Coal Co. Theo. S. Faxton, pres. and gen. mgr.; Isaac D. Faxton, secy. and treas. Cap. stk. $200,000. Mine at Flushing.

LORE CITY, Guernsey Co. Pop. 148. Ry. 79; 275. Banking town Cambridge.
B.Coal—Robins Coal Co., Cambridge. King mine. Shaft, 100 ft. 85 employes. Steam.

LOUISVILLE, Stark Co. Pop. 1,323. M.O. Tel. Ry. 688.
St.Lm.—J. R. Bosler. Limestone and lime. Lime kilns. 8,000 bushels. 200 days; 1 employe. Horse.
B.Coal—Champion Tile & Block Co. H. S. Preston, gen. mgr. Cap. invested, $10,000. Open pits. 15,000 tons coal and clay; 150 days; 2 employes. Tile works. Steam.
B.Coal—Kenbel & Mathias.

LOWELLVILLE, Mahoning Co. Pop. 762. M.O. Tel. Ry. 681; 683. Banking town Youngstown.
Stone—Carbon Limestone Co. John A. Logan, Jr., pres. and gen. mgr.; R. Bently, v. pres.; James G. Shaw, secy., treas. and buyer. Cap. stk. $300,000, $207,000 pd. up. Limestone quarry at Hillsville, Pa.
B.Fur.—Ohio Iron & Steel Co. Blast furnace.

LUCAS, Richland Co. Pop. 374. M.O. Tel. Ry. 688. Banking town Mansfield.
Stone—Baker Stone Co. Sandstone.
Stone—Lucas Stone Co. Sandstone.
Stone—Monroe Stone Co., 26½ N. Main St., Mansfield. Sandstone. Steam. (Idle.)

LUCKEY, Wood Co. Pop. 312. M.O. Tel. Ry. 883. Banking town Bowling Green.
Lime—N. B. Eddy & Co. Limestone quarry and kilns. 30,000 bbls. lime. 200 days; 12 employes.

LUDLOW FALLS, Miami Co. Pop. 96. M.O. Tel. Ry. 190; 203.
Stone—J. H. Attenweiler. Limestone.
Stone—Circle & Meyers. Limestone.
Stone—Coate & Deeter. Limestone.
Stone—Frank Coppock. Limestone.
Stone—Geo. Kerr. Limestone.
Stone—S. B. Smith. Limestone.

LUMBERTON, Clinton Co. Pop. 84. Ry. McKays, 629. Banking town Wilmington.
Stone—W. T. Oglesby. Limestone.

LYKENS, Crawford Co. Tel. Ry. 615a. Banking town Bucyrus.
Stone—Alfred J. Brown. Limestone.
Stone—Fred Zellner. Limestone.

M'ARTHUR, Vinton Co. Pop. 883. M.O. Tel. Ry. 214.
B.Coal—C. Brown. (Local.)
B.Coal—Gilman & Gold. (Local.)
B.Coal—Benj. Newlan. Tunnel. (Local.)
B.C.St.—J. H. Pilcher. Bituminous local coal mine and limestone quarry.
B.Coal—Henry Robinet. (Local.)
B.Coal—Wm. Smith. (Local.)
B.Coal—Enos Winters. (Local.)

M'CUNEVILLE, Perry Co. Pop. 218. Ry. 49. Banking town Shawnee.
B.Coal—Crawford Gaver Bros. & Co. Eagle mine. Tunnels.

M'LUNEY, Perry Co. M.O. Tel. Ry. 186. Banking town New Lexington.
B.Coal—J. H. Jones. Beech Grove mine. Tunnel.
B.Coal—O'Neil & Tague.
B.Coal—M. & P. Tague.

MAGNOLIA, Carroll Co. Ry. 201a. Banking town Minerva.
F.Clay—Beatty Fire Clay Co., Canton. Fire clay mine. Also mine bituminous coal for own use.
B.Coal—Gregory & Weiss.
F.Clay—R. Newhouse. Fire clay.

MAHOLM, Perry Co. Pop. 65. Ry. Bristol, 49.
B.Coal—Bailey & Soegard. (Local.)
B.Coal—P. V. Daugherty. (Local.)
B.Coal—Thorp & Shipper. (Local.)

MALVERN, Carroll Co. Pop. 638. M.O. Tel. Ry. 201a.
Stone—Canton & Malvern Fire Brick & Paving Co.
Clay—Malvern Clay Co.
F.Clay—Myers-Hatfield Clay Co. Fire clay.

MANCHESTER, Adams Co. Pop. 1,965. M.O. Tel. Ry. Manchester, Ky., 150.
Gran.—F. C. McColm. Granite.

MANSFIELD, Richland Co. Pop. 14,000. M.O. Tel. Ry. 49; 598; 688; 887a.
Stone—Mansfield Improvement Co. Sandstone.
Stone—Monroe Stone Co., 26½ N. Main St. C. W. French, pres.; E. E. Cumming, v. pres.; V. A. Dehnel, secy. and treas. Cap. stk. $25,000, pd. up. Quarry at Lucas.
L.Z.—Richland Mining Co. B. F. Crawford, pres.; W. L. Sewell, v. pres.; H. B. Gibson, Jr., secy. and treas.; J. M. Waugh, gen. mgr. and buyer. Lead and zinc. Mine at Carterville, Mo.
Stone—Richland Stone Co. Sandstone.

MAPLETON, Stark Co. Pop. 118. Ry. 202. Banking town Canton.
Stone—B. F. Criswell. Limestone.
B.Coal—Louis Daum.
B.Coal—Wm. Dehoff.
B.Coal—H. M. Martin.

MARBLECLIFF, Franklin Co. Pop. 56. Tel. Ry. 686.
Stone—Jas. F. Legg & Bros. Limestone.

MARBLEHEAD, Ottawa Co. Pop. 312. M.O. Tel. Ry. 455. Banking town Sandusky.
Stone—Ohlemacher Lime Co., Sandusky. Limestone. 10,000 cords. 300 days; 75 employes. Steam. Lime kilns. Jakob Zorn, quarry supt.

MARIETTA, Washington Co. Pop. 8,273. M.O. Tel. Ry. 50; 201; 215; 598.
B.Coal—Athens Coal Co. T. D. Dale, pres.; A. T. Nye, v. pres.; H. C. Vincent, secy.; D. B. Torky, treas.; H. R. Sakett, gen. mgr. Cap. stk. $150,000, pd. up. Mine at Daleton. (P.O. Rawndale.)
Iron—Black Band Iron Co. Mine at Post Boy.
B.Coal—Federal Mining Co. Mine at Big Run.
B.Coal—Federal Valley Coal Co.

MARION, Marion Co. Pop. 8,327. M.O. Tel. Ry. 156; 203; 214; 215; 598.
Stone—Estate of Jno. Evans. Limestone.
Stone—J. G. Fairbanks, cor. State and George Sts. Limestone. 250 days; 20 employes. Stone crusher, 75 yards daily capacity. Steam. John Shutt, quarry supt.
Stone—Fred Hinamon. Limestone.
L.S.—Norris & Christian Lime & Stone Co.

MARLBORO, Stark Co. Pop. 271. M.O. Banking town and Ry. Alliance, 16; 660.
Stone—Jas. Clappsaddle. Sandstone.

MARTIN'S FERRY, Belmont Co. Pop. 6,250. M.O. Tel. Ry. 201a; 204; 936; 937.
B.Coal—Robert Applegarth. (Local.)
B.Coal—Burns & McCabe. (Local.)
B.Coal—Gaylord Coal Co. Gaylord mine. Drift.
B.Coal—Heiling Bros (Local.)
B.Coal—Laughlin Coal Co. Laughlin mine. Drift.
B.Coal—Paxson Bros. (Local.)

MARTINSVILLE, Clinton Co. Pop. 336. M.O. Tel. Ry. 50.
Stone—L. Celland. Limestone.

MARYSVILLE, Union Co. Pop. 2,810. M.O. Tel. Ry. 203; 883.
C.E.—Lanson B. Harvey, Civil Engineer and Surveyor.

MASSILLON, Stark Co. Pop. 10,100. M.O. Tel. Ry. 114a; 204; 688; 936.
Stone—J. S. Coxey. Sandstone. 10,000 tons; 30 employes. Steam.
B.Coal—Elm Run Coal Co. Elm Run mine. Shaft. Steam.
B.Coal—Forest Coal Co. Forest mine. Shaft. Steam.
B.Coal—Howells Coal Mining Co. Anderson mine. Shaft. Steam.
B.Coal—Millport Coal Co. Millport mine. Shaft.
B.Coal—Massillon Pigeon Run Coal Co. Pigeon Run mine. Shaft. Steam.
F.Clay—Massillon Stone & Fire Brick Co. Fire clay.
F.Clay—Newman Creek Clay Co. Fire clay.
Iron—Ridgway, Burton & Co. Willow Spring mine. Drift. Hern Brook, North Massillon and South Massillon mines. Shafts. Steam.
B.Coal—Union Coal Co.

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MASSILLON—Continued.
B.Coal—Upper Pigeon Run Coal Co. Upper Pigeon Run mine. Shaft.
B.Coal—Warwick Coal Co. Warwick mine. Shaft. Steam.
B.Coal—West Massillon Coal Co. West Massillon No. 2 mine. Shaft.

MAXVILLE, Perry Co. Pop. 141. Ry. Winona Furnace, 214. Banking town Logan.
F.Clay—L. M. Butt. Fire clay.
Stone—David Hardy. Limestone.
Stone—D. Henricks. Limestone. (Idle.)

MELVIN.
Stone—Early & Carson. Limestone.

MESOPOTAMIA, Trumbull Co. Pop. 632. M.O. Ry. N. Bloomfield, 660. Banking town Warren.
Stone—C. H. Clark. Sandstone. 2,500 cords; 150 days; 2 employes.

MIDDLEBRANCH, Stark Co. Tel. Ry. 202. Banking town Canton.
Cem.—Diamond Portland Cement Co., Cleveland. Limestone and shale clay quarry. 325 days; 45 employes. Steam. Cement mill, 100 bbls. per day.

MIDDLEPORT, Meigs Co. Pop. 3,211. M.O. Tel. Ry. 214; 407.
B.Coal—Kauff Bros. (Local.)
B.Coal—John B. Lindsay. (Local.)
B.Coal—John Mason & Son's Co. King Cole mine. Tunnel, 2,000 ft. 240 days; 25 employes. Horse.
B.Coal—Michael & Edwards. Diamond mine. Drift. (Local.)
B.Coal—John Priode. (Local.)
B.Coal—Wm. C. Russel. Silver Run mine. Drift.
B.Coal—Emil Sauer. (Local.)
B.Coal—Thos. D. Scott.
B.Coal—Silver Run Coal Co. Silver Run mine. Drift.

MIDDLETOWN, Butler Co. Pop. 7,681. M.O. Tel. Ry. 203; 525.
Stone—Ben Smith. Limestone.

MIFFLIN, Ashland Co. Pop. 236. M.O. Tel. Ry. Mansfield, 49; 291; 660. Banking town Ashland.
Stone—Jas. Bittinger. Limestone.
Stone—Jas. Zenher. Limestone.

MILLERSBURG, Holmes Co. Pop. 1,923. M.O. Tel. Ry. 49; 200.
B.Coal—Bilderback Bros. McElroy mine. Tunnel.
B.Coal—Bowen Bros. (Local.)
B.Coal—Wm. Brooks. (Local.)
B.Coal—Cary & Umson. Slope. (Local.)
B.Coal—John Chevalard. Tunnel, 900 ft. 400 tons; 200 days; 2 employes. (Local.)
Stone—L. G. Donald. Limestone.
B.Coal—Sam'l Fishburn. (Local.)
B.Coal—John Graft & Co. Open pit. (Local.)
B.Coal—John Horn. Tunnel. (Local.)
B.Coal—Lincoln Mattocks. (Local.)
B.Coal—E. A. Peter. Tunnel, 100 ft. 1,500 tons; 2 employes. (Local.)
Stone—C. Schueler, Jr. Sandstone.
B.Coal—E. B. Skelly. Open pit.
B.Coal—G. H. Snyder. (Local.)
B.Coal—Morgan Wheaton.

MINERALPOINT, Tuscarawas Co. Pop. 893. M.O. Tel. Ry. 201a; 204a.
B.Coal—Brick Bros. Tunnel. Slope. Steam.
B.Coal—C. E. Brothers.
B.Coal—Davis Coal Co.
B.Coal—C. Edwards Holden. South Side Newberry mine. Tunnel, 2,000 ft. 30,000 tons; 250 days. Thos. Osborne, Sr., mine supt.
B.Coal—Wm. A. Gordon.
B.Coal—Geo. J. Markley. Echo mine. Slope, 150 ft. Opened Oct., 1895.

MINERALRIDGE, Trumbull Co. Pop. 851. M.O. Tel. Ry. 598. Banking town Niles.
B.Coal—Baldwin & Williams. (Local.)
B.Coal—Daniels & Watkins. (Local.)
B.Coal—Davis Bros. (Local.)
B.Coal—Raccoon Mining Co.
B.Coal—H. J. Hughes. (Local.)
B.Coal—Wm. Hutchin & Co. (Local.)
B.Coal—James & Son. Ashland mine. Slope. 1,000 tons; 2 employes. (Local.)
B.Coal—Jones & Blant. (Local.)
B.Coal—Jones & Griffith. (Local.)
B.Coal—E. Nicholas. (Local.)
B.Coal—Wm. Powers. Langan mine. Slope. Horse.
B.Coal—Warner Coal Co.
B.Coal—Watkins & Daniel.
Coal-I.—Williams Coal & Iron Co.

MINERSVILLE, Meigs Co. Pop. 1,030. M.O. Banking town and Ry. Pomeroy, 204.
B.Coal—Arnold & Stephenson. (Local.)
B.Coal—John Hitchings. (Local.)
B.Coal—Minersville Coal Co. Minersville mine. Drift.
B.Coal—Thos. Parker & Bro. (Local.)
B.Coal—J. J. Williams. Tunnel, 300 ft. 281 tons; 109 days. (Local.)
B.Coal—Zahl Salt Furnace Co., Syracuse. Zahl mine. Drift.

MINERTON, Vinton Co. Tel. Ry. 214.
B.Coal—Jos. Devault. (Local.)
B.Coal—G. W. Householder. (Local.)
B.Coal—J. L. Lawler. Raccoon mine. Drift.
B.Coal—Stephenson & Keck. (Local.)

MINERVA, Stark Co. Pop. 1,139. M.O. Tel. Ry. 201a; 202.
F.Clay—Minerva Pressed Brick Co. Fire clay.
B.Coal—J. W. Shaw. Rustic Mountain mine. Tunnel.

MISHLER, Portage Co. Ry. 202. Banking town Canton.
Stone—Isaac Mishler. Limestone.

MOGADORE, Summit Co. Pop. 531. M.O. Tel. Ry. 202. Banking town Akron.
F.Clay—Myers & Hall. Fire clay.

MONCLOVA, Lucas Co. Pop. 237. Ry. 913. Banking town Maumee.
Sd.St.—Flint Glass Sand & Stone Co.

MONDAY, Hocking Co. Pop. 346. Tel. Ry. 214. Banking town Nelsonville.
B.Coal—Statler & Devore. Monday mine.

MORNING SUN, Preble Co. Pop. 158. Banking town and Ry. Camden, 660.
Stone—J. A. Elliott. Limestone.
Stone—C. C. McCreary. Limestone.
Stone—W. C. Sloan. Limestone.

MOSCOW, Clermont Co. Pop. 591. M.O. Tel. Ry. 626.
Stone—Seb. Cramer. Limestone.
Stone—Jacob Fossett. Limestone.
Stone—David Iver. Limestone.

MOUNT EATON, Wayne Co. Pop. 278. M.O. Banking town and Ry. Massillon, 204; 660; 936.
B.Coal—Jeanderbine Bros. (Local.)

MOUNT EPHRAIM, Noble Co. Pop. 300. Ry. 64. Banking town Caldwell.
B.Coal—S. J. McConnell. 1,500 tons; 75 days; 10 employes.

MOUNT PLEASANT, Jefferson Co. Pop. 644. M.O. Tel. Ry. 936.
B.Coal—G. A. Lupton & Co. (Local.)

MOUNT STERLING, Madison Co. Pop. 752. M.O. Tel. Ry. 49.
B.Coal—William Dick. (Local.)

MYERS, Stark Co. Ry. 443.
B.Coal—J. Hayman. (Local.)

NAVARRE, Stark Co. Pop. 1,000. M.O. Tel. Ry. 202; 936. Banking town Massillon.
B.Coal—Levi Hair. Slope. 550 tons; 150 days; 2 employes. (Local.)
B.Coal—John Ricksecker. (Local.)
B.Coal—Rose & Bennett. (Local.)

NEFFS, Belmont Co. Pop. 500. Ry. name Neffs Siding, 49.
B.Coal—Baltimore & Ohio Fuel Co., St. Clairsville. Standard mine. Tunnel. 50,000 tons; 200 days. Steam.
B.Coal—S. H. McGregor. (Local.)
Stone—J. W. McLain. Limestone.
B.Coal—George Neff. Open pit. 100 tons. (Local.)
B.Coal—C. Trolls' Sons.

NEGLEY, Columbiana Co. Pop. 306. Ry. name Holly, 689. Banking town Lisbon.
B.Coal—Sutherin Mining Co.

NELSONVILLE, Athens Co. Pop. 4,560. M.O. Tel. Ry. 214.
B.Coal—H. Ball. (Local.)
B.Coal—Wm. Barber. (Local.)
B.Coal—Barber & Pughe. (Local.)
B.Coal—Bennett & Dalrymple. (Local.)
B.Coal—Black & Whitfield.
B.Coal—J. D. Bryson. (Local.)
Stone—East Clayton Clay Manufacturing Co. Limestone.
B.Coal—Geo. E. Hall. (Local.)
B.Coal—Ed. Holland. (Local.)
B.Coal—Johnson Hill Coal Co. Johnson Hill mine. Slope.

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NELSONVILLE—Continued.
B.Coal—Juniper Bros. & Lampman. Briar Hill, Coe Hill and No. 3 mines. Drifts.
B.Coal—J. M. Lama. Drift. (Local.)
B.Coal—Lost Run Coal Co. Jas. Dew, pres.; Jos. Slater, v. pres. and gen. mgr.; C. M. Berry, secy. and treas. Cap. stk. $100,000, $82,000 pd. up. Lost Run mine. Tunnel, 2,000 ft. 120,000 tons; 90 days; 240 employes. Electricity.
B.Coal—Maple Hill Coal Co. Bell Run mine. Drift.
B.Coal—Nelsonville Coal Co.
F.Clay—Nelsonville Sewer Pipe Co. James Dew, pres. and gen. mgr.; W. N. Alderman, v. pres.; C. H. Doan, secy., treas. and buyer. Cap. stk. $25,000, pd. up. Fire clay. Tunnel. 30,000 tons; 250 days; 90 employes. Steam.
B.Coal—Nathan Pickett. (Local.)
B.Coal—Henry Pugh. 150 days; 2 employes; 400 tons. (Local.)
B.Coal—Raybould Coal Co., 102 Clinton Bldg., Columbus. 29 and Hiawatha mine. Slope, 5,280 ft. 125,000 tons; 220 employes. Steam. Operate 4 miles cable ry., 200 cars.
B.Coal—Springfield Coal & Ice Co., Springfield. Springfield mine. Tunnel. Horse.
B.Coal—Stokoe Hill Coal Co.
B.Coal—Wallace & Brooks. (Local.)
B.Coal—A. H. Wells. (Local.)
B.Coal—Jos. Wilson & Son. (Local.)
B.Coal—Woodard & Ferrill. (Local.)

NEWARK, Licking Co. Pop. 14,270. M.O. Tel. Ry. 49; 579a; 686.
Stone—Geo. W. Havens. Sandstone. 2,000 yards.
B.Coal—Shawnee Valley Coal & Iron Co. Mines at Shawnee.

NEW BERLIN, Stark Co. Pop. 463. M.O. Tel. Ry. 204a. Banking town Canton.
B.Coal—H. H. Beasecker & Son (H. H. and C. A. Beasecker). Bitzer mine. Drift, 200 ft. 1,000 tons; 200 days; 4 employes.
B.Coal—Clayton Hall. New Berlin mine. Slope.
B.Coal—H. B. Hostler. (Local.)
B.Coal—V. F. Nordick & Son. Eureka mine. Open pit. 4,500 tons; 285 days; 5 employes.
B.Coal—Pfester & Unger. (Local.)
B.Coal—Richard Warburton. Graham mine. Open pit.

NEW CHAMBERSBURG, Columbiana Co. Pop. 93. Ry. Moultrie, 660.
B.Coal—Jas. Glass. (Local.)
B.Coal—Daniel Ruff. (Local.)
Stone—W. H. Weaver. Sandstone.

NEW COMERSTOWN, Tuscarawas Co. Pop. 1,251. M.O. Tel. Ry. 201; 686.
B.Coal—Thos. Langhead. Drift. (Local.)
B.Coal—W. W. Morris. (Local.)

NEW FRANKLIN, Stark Co. Pop. 106. Ry. Moultrie, 660.
B.Coal—Wm. Somerville. Slope. (Local.)

NEW JASPER, Greene Co. Pop. 118. Ry. Jasper, 190. Banking town Xenia.
Stone—Boots, Bickett & Conklin. Limestone.

NEW LEXINGTON, Perry Co. Pop. 1,470. M.O. Tel. Ry. 186; 883.
B.Coal—John Butler. (Local.)
B.Coal—David Davis. Drift. (Local.)
B.Coal—J. D. Feighy. (Local.)
B.Coal—Joshua Green. (Local.)
B.Coal—Tom Green. (Local.)
B.Coal—Jackson & Wright. (Local.)
B.Coal—Perry Randolph. (Local.)
B.Coal—Wales, Hammon & Collat. Nugent mine. Tunnel.

NEW LISBON, Columbiana Co. Pop. 2,478. P.O. and Ry. Lisbon, 598; 689.
B.Coal—Card & Prosser. Saratoga No. 1 mine. Drift.
F.Clay—Keystone Fire Clay Co.
B.Coal—Little Beaver Creek Coal Co.
Stone—Jno. H. O'Mora. Excelsior quarry. Sandstone.
B.Coal—Ohio Cement Co. Cement mine. Drift.
B.Coal—Ohio Land & Coal Co.
B.Coal—Saratoga Gas & Steam Coal Co.
B.Coal—Saratoga Mg. Co.
F.Clay—United States Fire Clay Co.
F.Clay—United States Sewer Pipe Co. Fire clay.

NEW PARIS, Preble Co. Pop. 842. M.O. Tel. Ry. 686. Banktown New Madison.
Stone—Dainly & Deem. Limestone.
Stone—New Paris & Richmond Quarry. Limestone.

NEW PHILADELPHIA, Tuscarawas Co. Pop. 4,456. M.O. Tel. Ry. 201a; 204.
B.Coal—Brock Hill Coal Co. Brock Hill mine. Drift.

NEW PHILADELPHIA—Continued.
B.Coal—A. W. Brown. (Local.)
B.Coal—Brown & Beidler. (Local.)
B.Coal—J. L. Campbell. 3,500 tons; 260 days; 3 employes.
B.Coal—Geo. R. Emerson. (Local.)
B.Coal—S. L. Kent. (Local.)
Iron—G. V. Kollar.
B.Coal—G. W. Mathias. Slope. Horse. (Local.)
B.Coal—C. E. Warner, Blake's Mills. Mineral Springs mine. Tunnel, 50 ft. 300 tons; 140 days; 2 employes.

NEW PITTSBURGH, Hocking Co. Pop. 2,500. P.O. Consol. Tel. Ry. 214.
B.Coal—New Pittsburgh Coal Co., 51 and 52 Ruggery Bldg., Columbus. Powell's Run mine. Slope. 500,000 tons; 243 days; 500 employes. Compressed air and electricity. J. R. Birkbeck, mine supt.

NEW STRAITSVILLE, Perry Co. Pop. 3,000. M.O. Tel. Ry. 214. Banking town Logan.
B.Coal—Martin & Roan (E. S. Martin and J. M. Roan). Martin's mine. Drift. 65,000 tons; 200 days; 100 employes.
B.Coal—J. M. Roan.
B.Coal—Stalter & Essex.

NEWTON FALLS, Trumbull Co. Pop. 698. M.O. Tel. Ry. 16; 683. Banking town Warren.
Stone—Trumbull Stone & Sand Co., Alliance. White sandstone. 10 employes. Steam.

NEW VIENNA, Clinton Co. Pop. 871. M.O. Tel. Ry. Vienna, 50.
Stone—David W. Clark & Sons. Limestone.
Stone—I. Clark. Limestone.

NEWVILLE, Richland Co. Pop. 262. Banking town and Ry. Mansfield, 49; 291; 660.
Stone—Manner Bros. Limestone.

NEW WATERFORD, Columbiana Co. Pop. 418. M.O. Tel. Ry. 688. Banking town E. Palestine.
Stone—Lowry Baker. Limestone.
Stone—Frank Cope. Sandstone.
Stone—M. Lyon. Sandstone.
Stone—Ben McCloskey. Sandstone.

NILES, Trumbull Co. Pop. 4,290. M.O. Tel. Ry. 598; 683; 691.
Roll.M.—Coleman-Shields Co. Rolling mill.
Roll.M.—Falcon Iron and Nail Works. Rolling mill.
B.Fur.—Thomas Furnace Co. Thomas furnace. Coke. One stack, 17x76 ft. 75,000 gross tons; 4 fire brick stoves. 175 employes.

NORTH AMHERST, Lorain Co. Pop. 1,648. M.O. Tel. Ry. 451.
Stone—Cleveland Stone Co., Cleveland. North Amherst quarry. Sandstone. Mill. Steam. For output see Cleveland. J. Nicholl, Jr., supt.

NORTH BEND, Hamilton Co. Pop. 1,262. M.O. Tel. Ry. 50; 203. Banking town Cincinnati.
B.Coal—North Bend Coal & Coke Works.

NORTH CLAYTON, Miami Co. Pop. 72. Ry. Covington, 190; 660.
Stone—C. Nicodemus. Limestone.
Stone—J. Nicodemus. Limestone.

NORTH INDUSTRY, Stark Co. Pop. 173. M.O. Tel. Ry. 204a. Banking town Canton.
B.Coal—Black Vein Coal Co., Canton. Black Vein mine. Tunnel, 600 ft. 8,000 tons; 270 days.
F.Clay—Rev. J. H. Harrier. Fire Clay. Two beds. 6,000 tons.
B.Coal—E. B. Darr. (Local.)
B.Coal—Phil N. Eberhart. (Local.)
B.Coal—F. & H. Lappin. (Local.)
B.Coal—B. F. Reed. (Local.)
B.Coal—Dan Richards. 1,000 tons; 300 days; 2 employes.
B.Coal—Rose Coal Co.

NORTH LAWRENCE, Stark Co. Pop. 837. M.O. Tel. Ry. Lawrence, 660. Banking town Canal Fulton.
B.Coal—Massillon Coal Mining Co.
B.Coal—James Mullins, Wooster. Minglewood mine. Shaft, 144 ft. Slope, 600 ft. 90,000 tons; 290 days; 280 employes. Washer. Steam.

NORTH LIMA, Mahoning Co. Pop. 234. M.O. Ry. Columbiana, 660. Banking town Columbus.
B.Coal—Adam Little. Spaideville mine. Shaft.
B.Coal—Dan'l Little & Son. Shaft. Steam.
B.Coal—Solomon Paulin. Open pit. Horse.
B.Coal—A. Peacock & Co. Spait mine. Shaft, 61 ft. 1,000 tons; 150 days; 4 employes. Horse.

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NORTH SALEM, Guernsey Co. Pop. 84. Ry. Kimbolton, 201. Banking town Cambridge.
B.Coal—Wm. Hick. (Local.)
B.Coal—John A. Larrison. (Local.)

NORWALK, Huron Co. Pop. 7,195. M.O. Tel. Ry. 451; 791a; 936.
Stone—Bronson Stone Co. Sandstone.

NORWOOD, Hamilton Co. Pop. 845. M.O. Ry. 50; 192.
Stone—Dexter Lumber Co. Limestone.
Stone—Highland Stone Co. Limestone.

OAKHILL, Jackson Co. Pop. 657. M.O. Tel. Ry. 190.
F.Clay—Aetna Fire Brick & Clay Co. Fire clay.
B.Coal—Aetna Fire Brick & Coal Co. Aetna mine. Slope.
Stone—Jefferson Furnace Co. Limestone.
Fur.C.St.—Jefferson Furnace Co. Blast furnace, bituminous coal mine and stone quarry.
F.Clay—Oak Hill Fire Brick & Coal Co. Jno. J. Thomas, pres.; Jno. D. Jones, v. pres.; D. D. Davis, treas., gen. mgr. and buyer. Cap. stk. $30,000, pd. up. Fire clay, 50 tons daily.
B.Coal—Oak Hill Fire Brick & Coal Co. Coal mine, 8 tons daily.
B.Coal—J. H. Thomas. (Local.)

OLIVE FURNACE, Lawrence Co. Ry. Olive, 190. Banking town Ironton.
Stone—Olive Furnace Co. Sandstone.
B.Coal—McGugin & Co. Wm. H. McGugin, gen. mgr. and buyer. (Local.)

OLMSTED FALLS, Cuyahoga Co. Pop. 342. M.O. Tel. Ry. 451. Banking town Berrea.
Stone—Cleveland Stone Co., Cleveland. Olmsted Falls quarry. Sandstone. Mill. Steam. For output see Cleveland.

OSBORN, Greene Co. Ry. 713. M.O. Tel. Ry. 203; 598.
Stone—M. R. Barnum. Limestone.

OSCEOLA, Crawford Co. Pop. 172. Banking town and Ry. Bucyrus, 215; 688; 883.
Stone—John Snavely, Edwardsville. Limestone.

OSNABURG, Stark Co. Pop. 700. M.O. Tel. Ry. 202. Banking town Louisville.
B.Coal—Frank Bolinger. (Local.)
B.Coal—Frank Bowen. (Local.)
B.Coal—Brown Coal Co. Grant Brown, pres. and buyer; S. M. Meiser, v. pres.; S. M. Brown, secy. and treas. Cap. stk. $10,000, $5,000 pd. up. Brown mine. Open pit. 20,760 tons; 290 days.
B.Coal—Brown & Meisler. (Local.)
B.Coal—Hassler & Meiser. (Local.)
B.Coal—John C. Mark. (Local.)
B.Coal—B. F. Meiser. (Local.)
B.Coal—Michael Miller. (Local.)
B.Coal—Herman Myers. (Local.)
B.Coal—William Rubestein. Breneiger mine. Slope. 8,000 tons; 300 days; 4 employes.
B.Coal—Elijah Rice. (Local.)
B.Coal—G. M. Sansser. (Local.)
B.Coal—Albert Smith. (Local.)

OTSEGO, Muskingum Co. Pop. 207. Banking town and Ry. New Concord, 49.
B.Coal—W. R. Buker. (Local.)
B.Coal—Wm. Cornell. (Local.)
B.Coal—L. C. Hamilton. (Local.)
B.Coal—John G. Jackson. (Local.)
B.Coal—H. Norman. (Local.)
B.Coal—A. W. Smith. (Local.)
B.Coal—John F. Smith. (Local.)
B.Coal—W. F. Trimble. (Local.)

OTWAY, Scioto Co. Pop. 69. M.O. Tel. Ry. 195. Banking town Portsmouth.
Stone—W. R. Smith & Sons. Freestone and Otway Sandstone quarries. Buff, blue and gray. 10,000 yards; 300 days; 40 employes. Stone sawmill, 1,000 ft. daily capacity. Steam. Two miles tramway, 5 cars. James Barker and Jno. Schisler, quarry supts.

OVAL CITY, Stark Co. Tel. Ry. Middle Branch, 202. Banking town Canton.
Stone—Wm. B. Warstler. Sandstone.

OWEN, Marion Co. Pop. 49. Tel. Ry. 214. Banking town Marion.
Stone—Dan'l Owen & Son. Owen's quarries. Limestone and sandstone. Lime kiln, 2,400 tons.
Stone—J. D. Owens. Sandstone.

PALMYRA, Portage Co. Pop. 1,090. M.O. Tel. Ry. 202. Banking town Ravenna.
B.Coal—Filer Coal Co.
B.Coal—Wilson, Thompson & Erb.

PANDORA, Putnam Co. Pop. 280. M.O. Tel. Ry. 615a. Banking town Columbus Grove.
Stone—Emmons & Joseph. Limestone.
Stone—Hy. Grismore. Limestone.
Stone—Sackett & Beckwith. Limestone.

PANSY, Clinton Co. Ry. Blanchester, 50.
Stone—I. M. Statler. Limestone.

PARIS, Stark Co. Pop. 220. M.O. Ry. 443. Banking town Canton.
B.Coal—O. Haines. (Local.)
B.Coal—C. S. Moggs. (Local.)
B.Coal—W. A. Taylor. (Local.)
B.Coal—Franklin Walker, Jr. (Local.)

PARMA, Cuyahoga Co. Ry. 204.
Stone—Cogswell Bros. Bluestone.
Stone—Jno. Tenfel. Bluestone.

PASCO, Belmont Co. P.O. Blaine. Ry. 204.
B.Coal—L. V. Deloche, Blaine. Patterson's mine. Drift, 300 ft. 700 tons; 175 days; 2 employes. (Local.)

PATTERSON, Hardin Co. Pop. 250. Ry. 203. Banking town Canton.
Stone—McVilley & Doll. Limestone.

PEARL, Coshocton Co. Ry. 202. Ry. Coshocton.
Stone—L. C. Maurer. Limestone.

PEEBLES, Adams Co. Pop. 381. M.O. Tel. Ry. 195. Banking town Sunbury.
Stone—Sprinkle & Davis. Limestone.

PENINSULA, Summit Co. Pop. 562. M.O. Tel. Ry. 204a. Banking town Akron.
Stone—Cleveland Stone Co., Cleveland. Peninsula quarry. Sandstone. Mill. Steam. For output see Cleveland.
Stone—Ohio Stone Co., 589 Arcade, Cleveland. Quarry No. 6. Sandstone. 300,000 cu. ft.; 300 days; 75 employes. Five-gang stone mill. Operate 1 mile ry., 1 locomotive. Steam.

PERRYOPOLIS, Noble Co. Ry. 64. Banking town Caldwell.
Stone—L. M. Bryan. Sandstone.
Stone—Ben Devoll. Sandstone.

PERRYTON, Licking Co. Pop. 129. M.O. Ry. Black Run, 660. Banking town Newark.
Stone—Willard Fairall. Freestone.
Stone—Sheppard & Fairall. Freestone.

PHILO, Muskingum Co. M.O. Tel. Ry. 966. Banking town Zanesville.
B.Coal—Joseph Garrett. Garrett mine. Drift.
B.Coal—James C. Orr. (Local.)
B.Coal—Souder & Silo.

PIGEONRUN, Stark Co. Pop. 232. Ry. Massillon, 204; 660; 936.
B.Coal—O. Young Coal Co.

PIQUA, Miami Co. Pop. 9,090. M.O. Tel. Ry. 190; 686.
Stone—Levi Cofield. Limestone.
Stone—G. W. McCabe. Limestone.
Stone—D. C. Statler & Co., P.O. Box 801. D. C. Statler, silent partner; L. W. Statler, secy.; G. W. Statler, gen. mgr. Limestone. Piqua quarry. 1,500 cubic yards; 275 days; 25 employes. Crusher, daily capacity 75 cubic yards.
Centennial quarry. 3,000 cubic yards; 100 days; 8 employes. Steam. 3 canal boats. G. W. Statler, supt.

PLEASANT HILL, Miami Co. Pop. 581. M.O. Tel. Ry. 190.
Stone—D. Circle. Limestone.
Stone—Fred Deeter. Limestone.
Stone—Mercer Stone & Gravel Co. Limestone.

PLEASANT RIDGE, Hamilton Co. Pop. 1,027. M.O. Tel. Ry. 192.
Stone—N. S. Baxter.
Stone—M. Manschunyer. Limestone.

PLYMOUTH, Richland Co. Pop. 1,133. M.O. Tel. Ry. 49.
Stone—D. F. Irwin. Sandstone.
Stone—Willment Stone Co. Sandstone.

POINT MARBLEHEAD, Ottawa Co. P.O. and Ry. Marblehead, 455.
Lime—Sloss Marblehead Lime Co., P.O. Marblehead.

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POINT PLEASANT, Guernsey Co. (P.O. Dyson.) Tel. Rys. 201; 275.
B.Coal—Cambridge Coal Co., Cambridge. Walhonding mine. Shaft, 110 ft. 200,000 tons; 200 days; 350 employes. Steam and electricity.
Cisco mine. Shaft, 90 ft. 40,000 tons; 150 days; 60 employes. Steam.
B.Coal—Cisco Mining Co., Cleveland. Cisco mine. Shaft. Steam.
Stone—W. B. Custer. Limestone.
Stone—Galbreath & Bushman. Limestone. Horse.
Stone—G. F. Knabb. Limestone.
Stone—Point Pleasant Stone Co. Limestone.
Stone—W. M. Powell. Limestone.

POLAND, Mahoning Co. M.O. Ry. Struthers, 660.
B.Coal—David Little.

POMEROY, Meigs Co. Pop. 4,076. M.O. Tel. Ry. 214.
B.Coal—Charter Oak Fuel Co.
B.Coal—Coal Ridge Salt Co. Coal Ridge mine.
B.Coal—Mrs. Mary Davis. (Local.)
B.Coal—Dobney Mining Co.
B.Coal—Durst & Hennessey.
Salt—Ebersbach, Schaefer & Co. Pomeroy wells. Steam.
B.Coal—Frank Hess. (Local.)
B.Coal—B. Kochler. 10,000 tons; 145 days; 18 employes. D. Diehl, mine supt.
B.Coal—Malone Bros. (Local.)
Roll.M.—Pomeroy Iron & Steel Co. Rolling mill.
B.Coal—J. M. Strider. (Local.)

PORTAGE, Wood Co. Pop. 438. M.O. Tel. Ry. 190; 883. Banking town Bowling Green.
Lime—Snow Flake Lime Co., Bowling Green. Magnesian limestone. Lime plant, 400 barrels daily capacity. 300 days; 20 employes. Steam. R. S. Thurstin, supt.

PORTLAND STATION, Jefferson Co. M.O. Tel. Ry. 201a; 936.
B.Coal—Kelly Coal & Coke Co.

PORTSMOUTH, Scioto Co. Pop. 12,394. M.O. Tel. Ry. 75; 258; 608.
F.Clay—Black Diamond Fire Brick Co.
Roll.M.—Burgess Steel & Iron Works. Rolling mill.
Iron—Clare Iron Co.
F.Clay—Portsmouth Fire Brick Co. Fire clay.
F.Clay—Portsmouth Paving Brick Co. Fire clay.
Stone—Reitz & Co. Sandstone.
F.Clay—Scioto Star Fire Brick Co. Tunnel. Fire clay.

PORT WILLIAMS, Clinton Co. Pop. 196. M.O. Ry. 629. Banking town Wilmington.
Stone—C. M. Plummer. Limestone.

POSTBOY, Tuscarawas Co. Pop. 36. Ry. 201a.
Iron—Black Band Iron Co., Marietta. Post Boy mine. Drift. Horse.

POWELLSVILLE, Scioto Co. Pop. 196. Ry. Wheelersburg, 608. Banking town Portsmouth.
B.Coal—John Fox.
B.Coal—Geo. Knapp.

POWHATAN POINT, Belmont Co. Pop. 368. M.O. Tel. Ry. 685b. Banking town Wheeling, W. Va.
B.Coal—Samuel Fielding.
B.Coal—L. H. Green, Jr.
B.Coal—Isaiah Owens. Slope. 800 tons; 2 employes. (Local.)

RADCLIFFE, Vinton Co. Pop. 168. Tel. Ry. 214.
B.Coal—John Blore. (Local.)
Iron—J. B. Campbell.
Iron—Andrew Haggerty.
Iron—Thos. Haggerty.
Iron—R. D. McManigal.
Iron—D. H. Pearce. Tunnel and open pit.
Iron—James Pierce.
Iron—Pinkney Pierce.
B.Coal—L. E. Ritchey. (Local.)
Iron—Jackson Sharp.
Iron—Jeno Sharp.

RADNOR, Delaware Co. Pop. 214. M.O. Tel. Ry. 214. Banking town Delaware.
Stone—Jones & Meredith. Limestone.

REDFIELD, Perry Co. Pop. 300. Ry. 215. Banking town New Lexington.
B.Coal—Coyle Coal Co. (G. W. Coyle, prop'r.) Cap. invested $4,300. Chestnut Grove mine. Drift. 8,000 tons; 240 days; 14 employes.
B.Coal—Cratty Coal Co., Clinton Bldg., Columbus. Wallace and Chicago mines. Drift.

REDFIELD—Continued.
B.Coal—Davis Mining Co. Davis mine. Open pit.
B.Coal—W. D. Hamilton. (Local.)
B.Coal—Wallace Coal Co., Clinton Bldg., Columbus. Wallace mine. Drift. 50,000 tons; 180 days; 58 employes. William Wallace, M. E., mine supt.

REHOBOTH, Perry Co. Pop. 184. Banking town and Ry. New Lexington, 186; 883.
Stone—J. S. Nixon. Limestone.

REMPEL, Jackson Co. Ry. Madison, 190.
I.B.F.—Clare, Dudult & Co. Iron mine and blast furnace.

RENDVILLE, Perry Co. Pop. 859. M.O. Tel. Ry. 215; 882.
W. P. Rend & Co., Chicago, Ill. Rend No. 3 mine. 260 employes.

RESERVOIR, Summit Co. Ry. Barberton, 49; 200; 291.
B.Coal—Johnson Coal Co.

REX, Miami Co. Ry. 203. Banking town New Carlisle.
Stone—J. Brown. Limestone.

REYNOLDSVILLE, Washington Co. P.O. and Ry. Macksburg, 201.
Stone—W. A. Forrester. Limestone.

RICHMOND, Jefferson Co. Pop. 440. M.O. Banking town and Ry. Steubenville, 201a; 686; 936.
B.Coal—Deets & Black. (Local.)
B.Coal—Hout Bros. (Local.)

RIMER, Putnam Co. Ry. 615a. Banking town Delphos.
Stone—D. P. Rimer. Limestone.
Stone—T. W. Thomas. Cap. $700. Limestone.
Stone—Thomas & Gardner. Limestone.

RIVERTON, Jackson Co. Banking town and Ry. Wellston, 75; 252; 845.
B.Coal—Riverton Coal Co. Riverton mine. Tunnel. Steam.

ROBINS, Guernsey Co. Ry. Byesville, 201.
B.Coal—Elyria & Cambridge Coal Co.

ROCKBRIDGE, Hocking Co. M.O. Tel. Ry. 214. Banking town Logan.
Stone—J. A. Brougher. Limestone.
Stone—Peter Harman. Limestone.
Stone—Jos. Imboden & Sons. Sandstone.

ROCKY RIDGE, Ottawa Co. Pop. 483. M.O. Tel. Ry. 451. Banking town Oak Harbor.
St.Lm.—M. Henman. Limestone and lime. 15 employes. Lime kilns. Horse.
St.Lm.—J. Kingham, M. D. Limestone. Lime kilns; 40,000 bbls. lime; 250 days; 25 employes. Steam.

ROGERS, Columbiana Co. M.O. Tel. Ry. 689. Banking town New Lisbon.
B.Coal—Quaker Valley Mining Co., 17 Public Square, Youngstown. Quaker mine. Drift, 500 ft. 50,000 tons; 210 days; 100 employes. Steam. Wm. Weikart, mine supt.

ROSCOE, Coshocton Co. Pop. 632. M.O. Tel. Ry. 887a.
B.Coal—Jas. H. Gillen. Treadway mine. Drift. (Local.)
B.Coal—Jos. Kuker. (Local.)
B.Coal—Martin Miller. Drift. (Local.)

ROSEVILLE, Muskingum Co. Pop. 714. M.O. Tel. Ry. 186.
B.Coal—J. G. Baughman. (Local.)
B.Coal—G. W. Brown. (Local.)
B.Coal—C. Carter. (Local.)
B.Coal—Muskingum Valley Coal Co.
B.Coal—New Crescent Mining Co.
B.Coal—Roseville Mining Co.

ROSS, Butler Co. M.O. Tel. Ry. Banking town and Ry. Hamilton, 190; 660.
Stone—W. H. McCurley. Limestone.

ST. CLAIRSVILLE, Belmont Co. Pop. 2,000. M. O. Tel. Ry. 49; 755.
B.Coal—Baltimore and Ohio Fuel Co. C. W. Troll, pres.; S. H. McGregor, v. pres.; W. G. Simpson, secy.; Alex. Neff, treas.; F. H. Briggs, gen. mgr. Black Diamond and Ohio & W. Virginia mines. Tunnel. 350,000 tons; 300 days. Steam. Mines also at Glencoe, Neffs and Echo.
B.Coal—Black Diamond Coal Co. Black Diamond mine. Horse.
B.Coal—Jos. B. Butler. (Local.)
B.Coal—Conrad Troll's Sons. (Local.)
B.Coal—A. C. Darrah. (Local.)
B.Coal—Kidd Bros. Mining & Manufacturing Co.
B.Coal—Ohio & West Virginia Coal Co. Ohio and West Virginia mine. Drift. Horse.

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SALEM, Columbiana Co. Pop. 7,320. M.O. Ry. 683.
B.Coal—Angus Campbell.
B.Coal—David Cay. (Local.)
B.Coal—Homer Dunn. Dunn mine. Slope. Horse.
B.Coal—Howells & Ashman. Greenamyar mine. Shaft. Steam.
B.Coal—S. Y. Howell. (Local.)
B.Coal—Thos. Leipper. (Local.)
B.Coal—Jos. Lippiatt. (Local.)
B.Coal—Sheldon Parker. Parker mine. Horse.
B.Coal—Salem Co. Salem mine. Drift.
F.Clay—Salem Garfield Fire Clay Co.
B.Coal—Ernst Sharpuck. (Local.)
B.Coal—Jas. Sheen. (Local.)
B.Coal—J. C. Sheppard. (Local.)
B.Coal—Stephen Stone. Drift. (Local.)
B.Coal—Jas. C. Trotter. First and Second National mines. Drift.
B.Coal—David L. Zimmerman.

SALESVILLE, Guernsey Co. Pop. 296. M.O. Ry. 49. Banking town Cambridge.
B.Coal—D. C. McCormick. (Local.)
B.Coal—W. E. Rose. (Local.)
B.Coal—R. L. Spencer. (Local.)

SALINEVILLE, Columbiana Co. Pop. 2,369. M.O. Tel. Ry. 201a.
B.Coal—S. S. Carnahan. Empire mine. Open pit. Steam.
Coal—T. P. Francis. 5 tons daily output. (Local.)
F.Clay—Furnace Fire Clay Co.
B.Coal—H. C. Huston. (Local.)
B.Coal—E. Jones. (Local.)
B.Coal—H. H. Kirk. Drift. (Local.)
B.Coal—John Kirk. (Local.)
B.Coal—Jas. Madison. (Local.)
Stone—Salineville Co-operative Manufacturing Co. Limestone.
F.Clay—Standard Pottery Co. Fire clay.
B.Coal—Jas. Strobley. (Local.)

SAMSONVILLE, Jackson Co. Pop. 68. Ry. 50. Banking town Jackson.
Coal-I.—A. Clutts & Son. Bituminous coal and iron.
B.Coal—Washington Furnace Co.

SANDRUN, Hocking Co. M.O. Tel. Ry. 214. Banking town Logan.
B.Coal—Hanna & Gabriel.

SANDUSKY, Erie Co. Pop. 18,500. M.O. Tel. Ry. 49; 203; 215; 445; 451.
B.Coal—Chas E. Black. (Local.)
Stone—M. Calan. Limestone.
Stone—Ira T. Davis. Sandstone.
Stone—John Homegardner. Sandstone.
Stone—L. B. Johnson & Co. Limestone.
Stone—Kunz & Johnson. Limestone.
Stone—Ohlemacher Lime Co. F. Ohlemacher, pres.; Wm. Ohlemacher, v. pres.; Wm. L. Allendorf, secy.; F. W. Ohlemacher, treas. Cap. stk. $200,000. Limestone. Quarry at Marblehead.
B.Coal—Sandusky Coal Co.
Stone—Chas. Schoepfle, 1322 Hancock st. Blue limestone. 20,000 ft. Ashler and 200 cords building stone.

SARDIS, Monroe Co. Pop. 299. M.O. Ry. Sardis, W. Va., 626.
Stone—E. B. Low. Sandstone.

SCIO, Harrison Co. Pop. 616. M.O. Tel. Ry. 686; 936.
M.E.—William Hibbs, Mining Engineer. Mine, City and Land Surveying. Mine maps and plans.

SCIOTO FURNACE, Scioto Co. Pop. 213. Ry. 50.
B.Coal—A. T. Hollcomb. (Local.)
Coal-I.—Scioto Furnace Coal & Iron Co. Bituminous coal and iron.

SCOTT, Van Wert Co. Pop. 734. M.O. Tel. Ry. 191. Banking town Paulding.
C.E.Sur.—G. M. Hoaglin, Civil Engineer and Surveyor.

SCOTTS CROSSING, Allen Co. Pop. 63. Ry. Auglaize. 660. Banking town Lima.
Stone—E. J. Ford. Limestone.
Stone—E. D. Pelteer. Limestone.

SENECAVILLE, Guernsey Co. Pop. 470. M.O. Tel. Ry. 275. Banking town Cambridge.
B.Coal—Moss Bros. & Rigby. (Local.)

SHAWNEE, Perry Co. Pop. 3,266. M.O. Tel. Ry. 49; 215.
B.Coal—Bailey Coal Co. XX Furnace mine. Drift.
B.Coal—J. C. Hamilton. Dickson mine. Drift.
B.Coal—J. H. Hazelton. Rock Run mine. Tunnel.
B.Fur.—New York Furnaces. Blast furnace.
B.Coal—New York & Perry Coal Co., New York. New York mine. Drift. Steam.

SHAWNEE—Continued.
B.Coal—H. D. Turney. Columbus XX mine. Drift.
B.Coal—Upson Coal Co. Upson mine. Tunnel. Steam and electricity.

SHERODSVILLE, Carroll Co. Pop. 390. M.O. Tel. Ry. 202; 936. Banking town Carrollton.
B.Coal—Harry Day.
B.Coal—J. H. Somers Fuel Co., 521 Cuyahoga Bldg., Cleveland. No. 5 mine. Drift, 3,000 ft. 110,000 tons; 190 days; 130 employes. Electricity.
B.Coal—Somers & Wainwright, Cleveland. No. 4 mine. Slope. Steam.

SHREVE, Wayne Co. Pop. 1,100. M.O. Tel. Ry. 688.
Stone—D. Barcus. Limestone.

SIDNEY, Shelby Co. Pop. 4,500. M.O. Tel. Ry. 190; 203.
Stone—Wm. Etherington. Limestone.

SILVERTON, Hamilton Co. Pop. 206. Ry. 192. Banking town Cincinnati.
Stone—J. K. Galloway. Limestone.

SODOM, Trumbull Co. Ry. Church Hill, 290. Banking town Girard.
Stone—Owen Thomas. Sandstone.

SOUTH EUCLID, Cuyahoga Co. Pop. 319. Banking town and Ry. Cleveland, 5a; 201a; 202; 203; 204; 204a; 451; 597; 598.
Stone—Holland & Steward. Limestone.
Stone—Malone Bros. Limestone.
Stone—R. Maxwell. Limestone.
Stone—Van Tine & Purdue. Limestone.
Stone—J. Wagner. Limestone.

SOUTH WEBSTER, Scioto Co. Pop. 323. M.O. Tel. Ry. 50. Banking town Portsmouth.
F.Clay—South Webster Fire Brick Co.
F.Clay—Webster Fire Brick Co. Fire clay.

SOUTH ZANESVILLE, Muskingum Co. M.O. Tel. Ry. 186; 215. Banking town Zanesville.
F.Clay—South Zanesville Street Paving & Brick Co. Fire clay.

SPRINGBORO, Warren Co. Pop. 434. M.O. Ry. Franklin, 191; 203.
Stone—Jno. Brown. Limestone.
Stone—H. C. Wheaton. Limestone.

SPRINGFIELD, Clarke Co. Pop. 31,920. M.O. Tel. Ry. 203; 629; 686.
Stone—W. K. Duke. Mill Creek quarry. Limestone.
Stone—G. H. Frey. Limestone.
Stone—J. Hocum. Limestone.
B.Coal—Samuel Huffman. (Local.)
Water Wheels—James Leffel & Co. Manufacturers of Turbine and Impulse Water Wheels, for Mining and General Purposes.
G.S.—P. P. Mast. (P. P. and C. L. Mast, owners.) Cap. $120,000. Gold and silver. Mine at Coulterville, Cal.
Stone—Mills Bros., 107 S. Limestone st. Robert R. Mills, gen. mgr. and buyer. Cap. $45,000. Limestone. 28,000 yds.; 230 days; 85 employes. Stone crusher, 240 yards daily capacity. Steam. Operate 1¼ miles Ry. Wm. Mills, quarry supt.
Stone—Moores Lime Co., 933 W. 5th st., Cincinnati. Springfield quarry. Limestone. Lime kilns.
Stone—Petticrew & Bro. Limestone.
B.Coal—Pinelot Coal Co.
Salt—Royal Salt Co. Works at Kanopolis, Kan.
Stone—J. W. Rubsam. Limestone.
B.Coal—Springfield Coal Co.
B.Coal—Springfield Coal & Ice Co. Mine at Nelsonville.
Stone—Samuel S. Taylor. Limestone.
B.Coal—J. H. Ulrich.
B.Coal—Weldon & Merrill.

STAFFORD, Monroe Co. Pop. 290. Ry. Ethel, 64. Banking town Woodsfield.
B.Coal—Oakley & Sloan.

STEECE, Lawrence Co. Ry. Dean, 190; 393.
F.Clay—E. B. Willard & Co. Fire clay.
Stone—Willard & Crickton. Limestone.

STEEL, Belmont Co. Ry. Neff's Siding, 49. Banking town Bellaire.
B.Coal—George Hess. (Local.)
B.Coal—Kind Bros. (Local.)

STEUBEN, Huron Co. Pop. 208. Ry. 49. Banking town North Fairfield.
Stone—A. L. Cort. Sandstone.

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STEUBENVILLE, Jefferson Co. Pop. 15,000. M.O. Tel. Ry. 201a; 686; 936.
B.Coal—John O. Bates & Bro., S. 4th st. Bates mine. Open pit. 1,600 tons; 200 days 3 employes.
B.Coal—Jefferson Coal & Iron Co. P. P. Lewis, pres. and buyer; W. S. McCauslin, secy. Cap. stk. $50,000, pd. up. Steubenville mine. Shaft, 100 ft. 25,394 tons; 220 days; 60 employes. Steam.
R.M.Fur.—Jefferson Iron Works. Rolling mill and blast furnace.
Iron—Newport Mining Co. J. J. Gill, gen. mgr. Mine at Ironwood, Mich.
B.Coal—Asa Parr. (Local.)
B.Coal—Riverside Iron Works.
B.Coal—Steubenville Coal Mining Co. Shaft. Steam. 6 coke ovens. 1,000 tons.
B.Coal—J. D. Tweed & Son. (Local.)
B.Coal—H. L. Wilson. Wilson mine. Open pit.

STEWARTSVILLE, Belmont Co. Pop. 173. Ry. Franklin, 49. Banking town Bellaire.
B.Coal—Robt. Clark. (Local.)
B.Coal—Owen Meehan. Cap. $20,000. Franklin mine. Drift. 75 employes. Horse.

STRASBURG, Tuscarawas Co. Pop. 413. M.O. Tel. Ry. 204.
B.Coal—Wm. Krants. (Local.)
B.Coal—Waddle Bros. (Local.)

STRUTHERS, Mahoning Co. Pop. 615. M.O. Tel. Ry. 681; 683; 691. Banking town Youngstown.
Roll.M.—Struthers Iron & Steel Co. J. Warner, treas., gen. mgr. and buyer. Cap. stk. $100,000, $90,000 pd. up. Struthers Sheet mills. Twelve heating and sheet furnaces; three 24x40 ft.; 4 trains rolls; one 8-in. bar mill; 6,000 tons sheet iron and steel; 5,000 tons muck and scrap bar. 300 days; 150 employes. Steam.

SUGARGROVE, Fairfield Co. Pop. 380. M.O. Tel. Ry. 214. Banking town Lancaster.
Stone—R. L. Sharp Stone Co., 6 Board of Trade, Columbus. Sugar Grove quarries. Sandstone. 40,000 yards; 200 days; 85 employes. Steam. 1 mile ry. siding.
Stone—Wm. Sharp. Buckeye quarry. Sandstone.

SUGARRIDGE, Wood Co. Tel. Ry. 883. Banking town Bowling Green.
Stone—Wm. Jones. Limestone.
Stone—C. D. Nye. Sandstone.
St.Lm.—Sugar Ridge Stone & Lime Co. Limestone and lime. Lime kilns. 65,000 barrels; 290 days; 20 employes. Steam.

SUMMERFIELD, Noble Co. Pop. 590. M.O. Tel. Ry. 64. Banking town Caldwell.
B.Coal—F. S. Beymer. Tunnel, 160 ft. 400 tons; 2 employes. (Local.)
B.Coal—Crawford & Bowen. (Local.)
B.Coal—W. W. McClintick. (Local.)
B.Coal—N. M. Meek. (Local.)

SUNBURY, Delaware Co. Pop. 480. M.O. Tel. Ry. 200.
Stone—H. Flickner. Limestone.
Stone—J. K. Kempton. Limestone.
Stone—Sunbury Stone Co. Sunbury quarry. Open pit. Steam.

SYMMES CORNERS, Butler Co. Pop. 115. Banking town and Ry. Hamilton, 190; 660.
Stone—R. J. Livingston. Limestone.

SYRACUSE, Meigs Co. Pop. 1,630. M.O. Ry. New Haven, W. Va., 627. Banking town Pomeroy.
B.Coal—Syracuse Coal & Salt Co. R. O. Cheney, pres.; P. W. Robbins, secy. and treas.; L. H. Bridgeman, gen. mgr.; Geo. H. Parker, buyer. Cap. stk. $200,000, pd. up. Syracuse shaft, 85 ft. 50,000 tons; 200 days; 120 employes. Steam. Adam Duckworth, mine supt.
Syracuse slope, 300 ft. 10,000 tons; 225 days; 23 employes. Steam. A. Crooks, mine supt.

TABOR, Carroll Co. Ry. name Scott, 102. Banking town Carrollton.
B.Coal—Long Bros.

TACOMA, Belmont Co. Ry. Olney, 49. Banking town Barnesville.
G.S.—Blue Mountain Mining & Milling Co. Gold and silver.

TALLMADGE, Summit Co. Pop. 600. M.O. Tel. Ry. 598. Banking town Akron.
B.Coal—South End Coal Co.
B.Coal—Henry Thomas & Co.
B.Coal—W. L. Thomas & Co. Fairview mine. Shaft. Steam.

TAYLORSBURG, Montgomery Co. Banking town and Ry. Dayton, 190; 203; 241; 598; 686.
Stone—D. P. Oram. Limestone. 6 employes. Stone crusher, 50 yards daily capacity.

TEEGARDEN, Columbiana Co. Pop. 114. Ry. 598. Banking town Lisbon.
B.Coal—Union Fire Clay & Stone Co.

TEMPLE, Lake Co. Banking town and Ry. Willoughby, 451; 597.
Stone—David Traver.

THOMPSON, Geauga Co. Pop. 169. M.O. Banking town and Ry. Madison, 451; 597.
Stone—C. Sidley. Sandstone. Mill. Horse.
Stone—P. Sullivan. Sandstone.

THURMAN, Gallia Co. Pop. 460. M.O. Ry. Oakhill, 50; 190.
B.Coal—Davis & Thomas. (Local.)
B.Coal—Thos. Evans. (Local.)
B.Coal—W. G. Longorer. (Local.)
B.Coal—D. D. Morgan. Open pit. (Local.)

TIFFIN, Seneca Co. Pop. 11,200. M.O. Tel. Ry. 49; 203; 887a.
Stone—Jno. Herzog. Limestone.
Stone—J. Poling. Limestone.
Stone—Mathias Weot. Limestone.
Stone—Nicholas Young. Limestone.

TOLEDO, Lucas Co. Pop. 82,000. M.O. Tel. Ry. 20a; 190; 214; 451; 883; 887; 887a; 913; 936.
Stone—S. Clarke & Son. Sandstone.
Stone—Wm. Clarke. Sandstone.
Stone—Daugherty & Co. Limestone.
B.Coal—Fuller Coal Co.
Lime—Genoa & Rocky Ridge Lime Co.
B.Coal—Lake Superior Mining & Investment Co.
St.Lm.—The Lime City Co., 204-205 Chamber Commerce. C. H. Sawyer, pres.; W. B. Scott, v. pres.; J. B. Bronson, secy. and treas.; Geo. S. Breed, gen. mgr. Cap. stk. $50,000. Quarry and works at Lime City, O.
Roll.M.—Maumee Rolling Mill Co.
B.Coal—Phoenix Coal Co.
St.Lm.—H. Rancamp, 505 Main st. Limestone and lime. Quarry at Woodville.
B.Coal—Shawnee Coal & Iron Co.
B.Coal—Somerdale Coal Co.
B.Coal—Toledo Dock & Coal Co.
Lime—Toledo White Lime Co.
B.Coal—Wheeling, Lake Erie & Pittsburg Coal Co.
C.E.—H. W. Wilhelm, Civil Engineer.
Stone—Young & Knopp. Sandstone.

TORONTO, Jefferson Co. Pop. 1,822. M.O. Tel. Ry. 201a.
B.Coal—P. Connor. Mine at Elliottsville.
F.Clay—Forest City Fire Clay Co.
F.Clay—John Francy's Sons & Co. Forest City mine. Slope. Fire clay.
F.Clay—Great Western Fire Clay Co. Shaft. Steam.
A.Coal—Jefferson Fire Clay Co. Jefferson mine. Shaft. Steam.
F.Clay—Ohio Valley Fire Clay Co.
Co.St.—Pennsylvania Manufacturing, Mining & Supply Co. Bituminous coal and limestone.
F.Clay—Toronto Fire Clay Co.
B.Coal—Wallace & Sons.

TRIMBLE, Athens Co. Pop. 440. M.O. Tel. Ry. 107. Banking town Glouster.
B.Coal—Elk River Lumber Co.

TUSCARAWAS, Tuscarawas Co. Pop. 391. M.O. Tel. Ry. 686. Banking town New Philadelphia.
B.Coal—Nicholas Hart. (Local.)
B.Coal—A. Herning. Diamond mine. Tunnel.
B.Coal—C. P. Minnich. (Local.)

TWIN, Preble Co. Banking town and Ry. West Alexandria, 191.
Stone—J. O. Deem. Limestone.

TYRONE, Coshocton Co. Ry. Tunnel Hill, 200.
B.Coal—F. N. Bell.
B.Coal—Samuel Kirker. Tunnel, 600 ft. 500 tons; 300 days; 4 employes. (Local.)

UHRICHSVILLE, Tuscarawas Co. Pop. 2,422. M.O. Tel. Ry. 204; 686.
F.Clay—Buckeye Fire Clay Co.
B.Coal—Diamond Fire Clay Co. James Ball, pres.; John Bray, v. pres.; J. M. Cooper, secy., treas. and gen. mgr. Diamond mine. Tunnel, 3,000 ft. 8,000 tons; 300 days; 10 employes.
F.Clay—Fire Clay mine. 65 employes.
B.Coal—D. Dunlavey. (Local.)
B.Coal—John W. Fetter. Little Stillwater mine. Open pit. 480 tons; 270 days; 5 employes. (Local.)
B.Coal—E. H. Gowin. (Local.)
B.Coal—Jacob Huston. (Local.)
B.Coal—John McKinley. (Local.)
F.Clay—Royal Fire Clay Co.
F.Clay—Uhrichsville Fire Clay Co.

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UNION, Montgomery Co. Pop. 389. M.O. Tel. Ry. 190. Banking town Dayton.
Stone—Slatz & Bowers. Sandstone.

UNION FURNACE, Hocking Co. Pop. 38. M.O. Tel. Ry. 214. Banking town Logan.
Clay—Columbus Brick & Terra Cotta Co., 89 N. Third st., Columbus. Clay pit. 18,000 tons manufactured into pressed brick; 300 days; 15 employes.
E.M.Ch.—Ellis Lovejoy, E. M., Chemist and superintendent Columbus Brick & Terra Cotta Co.

UNITY, Columbiana Co. Pop. 216. Banking town and Ry. East Palestine, 660.
B.Coal—Jonathan Mollenkopf. 800 tons; 2 employes. (Local.)
B.Coal—Omer Ranch. (Local.)

UTLEY, Athens Co. Pop. 400. Tel. Ry. 882. Banking town Athens.
B.Coal—Marietta Run Coal & Coke Co. Slope, 6,000 ft. Steam. Washer. Coke, 75 ovens.

VANATTA, Licking Co. Pop. 58. Ry. 49. Banking town Newark.
Stone—D. Rutherford. Freestone.

VAN WERT, Van Wert Co. Pop. 5,512. M.O. Tel. Ry. 191; 688.
Stone—Wm. J. Semple, S. Market st. Palmer quarry. Limestone. Building stone, 15,000 ft. McAdam stone, 4,500 yards. Stone crusher, 115 yards daily capacity. Lime kilns, 5,000 bush.; 234 days; 19 employes. Steam and electricity.
Stone—Milton Wilker. Limestone.

VAUGHNSVILLE, Putnam Co. Pop. 139. M.O. Tel. Ry. 615a. Banking town Columbus Grove.
Stone—Nat Agar. Limestone.

VENICE, Erie Co. Pop. 182. Tel. Ry. 451. Banking town Sandusky.
Stone—S. Brown. Limestone.
Stone—A. G. Miller. Limestone.

VINCENT, Washington Co. Pop. 68. Tel. Ry. 882. Banking town Marietta.
Stone—Hayes Bros. Sandstone. Open pit. Mill. Steam.

WACO, Stark Co. Ry. name East Canton, 202.
B.Coal—Chaffin & Sponsler. (Local.)
B.Coal—Frank English. (Local.)
B.Coal—Wm. Kiezmiller. (Local.)
B.Coal—J. B. Miller. (Local.)
B.Coal—Jacob Schemler. (Local.)

WADSWORTH, Medina Co. Pop. 2,000. M.O. Tel. Ry. 598.
B.Coal—Akron Coal Co., 112 So. Howard st., Akron. Nos. 1, 2 and 3 mines. Shaft, 120 ft. 2 slopes, 340 ft. 75,000 tons; 200 days; 275 employes. Steam. Four miles Ry.
B.Coal—J. & T. Birbeck. (Local.)
B.Coal—Card & Barrett Coal Co., Cleveland. Eldorado No. 1 mine. Shaft. Slope. Steam.
B.Coal—W. B. Coleman. Colliers and Rasor mines. Slopes.
B.Coal—Mrs. F. Hamilton. (Local.)
Stone—Enos Rasor. Limestone.
B.Coal—A. B. Weinsheimer. (Local.)

WAKEMAN, Huron Co. Pop. 874. M.O. Tel. Ry. 451.
Stone—Cleveland Stone Co., Cleveland. Wakeman quarry. Sandstone. Mill. Steam. For output see Cleveland.

WAKEUP, Athens Co. Pop. 95. P.O. Broadwell. Banking town and Ry. Marietta, 50; 201; 882; 966.
B.Coal—Burns Coal Co.

WALES, Gallia Co. Pop. 84. Ry. Gallia, 190. Banking town Gallipolis.
B.Coal—G. W. Hedges. (Local.)
B.Coal—E. D. Jones. (Local.)

WALKERS, Columbiana Co. Ry. 201a. Banking town Wellsville.
F.Clay—N. W. Walker Clay Manufacturing Co. Fire clay.

WALNUT GROVE, Logan Co. Pop. 47. Banking town and Ry. Rushsylvania, 203.
Stone—Geo. Atcherson. Limestone.

WARSAW, Coshocton Co. Pop. 576. M.O. Tel. Ry. 200. Banking town Coshocton.
C.Coal—English Cannel Coal Co.

WASHINGTON, Guernsey Co. Pop. 546. M.O. Tel. Banking town and Ry. Cambridge, 49; 201; 275.
Coal—Cherry Valley Iron Works. Cherry Valley mine. Slope.

WASHINGTON C.H., Fayette Co. Pop. 5,742. M.O. Tel. Ry. 49; 186; 190; 629.
Stone—Duncan & Bro. Limestone.

WASHINGTONVILLE, Columbiana Co. Pop. 1,027. M.O. Tel. Ry. 598; 785.
B.Coal—T. R. Lewis. (Local.)
B.Coal—John D. Smith. (Local.)

WATERVILLE, Lucas Co. Pop. 586. M.O. Tel. Ry. 887. Banking town Maumee.
Stone—Clarence Dodd. Sandstone.
Stone—Geo. Loeb & Son. Sandstone.

WAVERLY, Pike Co. Pop. 1,567. M.O. Tel. Ry. 608; 629.
Stone—Waverly Stone Co. Sandstone. Mill. Steam.

WAYNESBURG, Stark Co. Pop. 510. M.O. Tel. Ry. 201a. Banking town Canton.
B.Coal—Geo. Minser. Baun mine. Slope. Steam.
B.Coal—J. H. Ross. (Local.)
B.Coal—Waynesburg Brick & Clay Co., Canton. Paving brick. Mine bituminous coal for own use.

WEAVERS STATION, Darke Co. Pop. 43. Ry. 686. Banking town Greenville.
Stone—W. J. Neff. Limestone.

WELCOME, Holmes Co. Banking town and Ry. Millersburg, 49; 200.
B.Coal—Nelson Sharp. (Local.)
B.Coal—Anthony Weiss. (Local.)

WELLSTON, Jackson Co. Pop. 4,380. M.O. Tel. Ry. 50; 190; 629.
Atty.—E. B. Bingham, Attorney at Law.
B.Coal—Comet Coal Co., Dayton. Comet mine. Shaft. Steam.
B.Coal—Eliza Coal Co.
B.Coal—Fluhart Coal & Mining Co. L. B. Boyd, pres.; Jno. J. Roberts, v. pres.; A. T. Holcomb, secy.; Theo. Fluhart, treas., gen. mgr. and buyer. Cap. stk. $250,000, pd. up. Fluhart Nos. 1, 2 & 3 mines. Shafts, 80 ft. 250,000 tons; 200 days; 600 employes.
B.Coal—Jackson County Coal Co.
B.Coal—John McCullough. (Local.)
B.Coal—Milton Coal Co.
B.Coal—Wainwright Coal Co. Wainwright mine. Shaft. Steam.
B.Fur.—Wellston Furnace Co. Blast furnace.

WELLSVILLE, Columbiana Co. Pop. 5,250. M.O. Tel. Ry. 201a.
B.Coal—Geo. Aten. (Local.)
Iron—John Blythe & Son.
B.Coal—M. D. Jones. McCulloughs mine. Open pit. 300 days; 4 employes.
B.Coal—C. B. Weaver. Tunnel.
Roll.M.—Wellsville Plate & Iron Co.

WENGERLAWN, Montgomery Co. Pop. 110. Ry. 241. Banking town Dayton.
Stone—Wm. Rasor & Son. Limestone.

WEST AUSTINTOWN, Mahoning Co. Pop. 312. Ry. Austintown, 291. Banking town Niles.
B.Coal—J. H. McDonald. (Local.)

WEST CAIRO, Allen Co. Pop. 325. M.O. Tel. Ry. name Cairo, 190. Banking town Lima.
Stone—Joseph Bird. Limestone.

WESTERN STAR, Summit Co. Pop. 93. Ry. Sherman, 291. Banking town Akron.
B.Coal—D. P. Davis. Slope. 1,000 tons. (Local.)
B.Coal—Frank Reichard. (Local.)

W. LAFAYETTE, Coshocton Co. Pop. 270. M.O. Tel. Ry. 686. Banking town Coshocton.
B.Coal—Ben. C. Williams. (Local.)

WEST LIBERTY, Logan Co. Pop. 1,318. M.O. Tel. Ry. 203.
Stone—Don. Peatt. Limestone.

WEST UNION, Adams Co. Pop. 825. M.O. Ry. Winchester, 195.
Lime—M. Herdman.
Stone—John McNellan. Limestone. Lick Fork quarry. Lime kilns, 700 bbls.

WESTVIEW, Cuyahoga Co. Pop. 63. Tel. Ry. 203. Banking town Berea.
Stone—Cleveland Stone Co., Cleveland. West View quarry. Sandstone. Mill. Steam. For output see Cleveland.

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WHEELER, Lake Co. Banking town and Ry. Madison, 451; 597.
Stone—Lee Woodworth. Limestone.

WHIPPLE, Washington Co. Pop. 47. Tel. Ry. 201. Banking town Marietta.
B.Coal—Adam Now. (Local.)

WHITECOTTAGE, Muskingum Co. Tel. Ry. 215. Banking town Zanesville.
Stone—J. H. Lenhart.

WHITEHOUSE, Lucas Co. Pop. 507. M.O. Tel. Ry. 913. Banking town Maumee.
Stone—Stephen Brogan. Sandstone.
Stone—J. L. Pray & Son. Sandstone. Open pit.
Stone—Jno. Ryan. Sandstone.
Stone—W. M. Ryan. Sandstone.

WHITE SULPHUR, Delaware Co. Pop. 46. Tel. Ry. 203. Banking town Delaware.
Stone—Jas. Keany. Limestone.

WILBERFORCE, Greene Co. M.O. Ry. 686. Banking town Xenia.
Stone—Jos. Smith. Limestone.

WILLS CREEK, Coshocton Co. Pop. 97. Banking town and Ry. Coshocton, 202; 660.
B.Coal—J. Lint. (Local.)

WILMINGTON, Clinton Co. Pop. 3,100. M.O. Tel. Ry. 49; 186.
Stone—Frank Babb. Sandstone.
Stone—I. M. Babb. Limestone.
Stone—G. H. Beulehr. Limestone.
Stone—Jas. Brown. Limestone.
Stone—J. W. Frazier. Limestone.
Stone—Samuel M. Leonard. Limestone.
Stone—I. F. Miars. Limestone. 200 days; 2 employes.
Stone—Wall & Martindale. Limestone.

WILSON, Adams Co. Ry. name Newport, 195. Banking town Winchester.
Stone—Tinting Bros. Limestone.

WINDSOR MILLS, Ashtabula Co. Pop. 118. M.O. Ry. 683.
Stone—Robt. Stewart. Limestone.
Stone—Windsor Stone Co. Limestone.

WINONA FURNACE, Hocking Co. Pop. 165. Ry. 214. Banking town Logan.
Stone—Silas Howdysheil. Sandstone.

WOODVILLE, Sandusky Co. Pop. 622. M.O. Tel. Ry. 887a. Banking town Fremont.
Stone—C. Habbeler. Limestone. 100 cords.
St.Lm.—H. Rancamp, 505 Main st., Toledo. Limestone. Lime kilns. 40,000 bbls.; 300 days; 10 employes. Stone crusher, 100 yds. daily capacity. Steam.

WOOSTER, Wayne Co. Pop. 5,901. M.O. Tel. Ry. 49; 688.
B.Coal—James Mullins. W. J. Mullins, gen. mgr. Mine at North Lawrence.

WYNANT, Shelby Co. Pop. 386. Ry. Minster, 445. Banking town Sidney.
B.Coal—Adam Wynant. (Local.)

XENIA, Greene Co. Pop. 7,301. M.O. Tel. Ry. 190; 686.
Stone—Alfred Marsh. Limestone.

YELLOW SPRINGS, Greene Co. Pop. 1,375. M.O. Tel. Ry. 686.
Stone—Irwin & Co. Limestone.

YOUNGSTOWN, Mahoning Co. Pop. 34,000. M.O. Tel. Ry. 451; 598; 681; 683; 691.
R.M.Fur.—Andrews Bros. & Co. Rolling mill and blast furnace.
B.Fur.—Andrews & Hitchcock Iron Co. Blast furnace.
Stone—Beaver Limestone Co.
Stone—Bessemer Limestone Co., Second Nat. Bank Bldg. J. G. Butler, Jr., pres.; Chas. M. Crook, secy. and buyer. Cap. stk. $60,000, pd. up. Quarry at Bessemer, Pa.
B.Fur.—Brier Hill Iron & Coal Co. Blast furnace and coal.
R.M.Fur.—Brown, Bonnell Iron Co. Rolling mill and blast furnace.
Stone—James Davis. Sandstone.
B.Coal—Fairview Mining Co.
B.Coal—Harrison Coal Co.
B.Coal—Home Block Coal Co.
An.Ch.—S. W. McKeown, analytical chemist.
Roll.M.—Mahoning Valley Iron Co. Rolling mill.
Roll.M.—Ohio Steel Co. Rolling mill.

YOUNGSTOWN—Continued.
B.Coal—Palmyra Coal Co., 14 N. Market St.
B.Coal—Poland Coal Co.
B.Coal—Quaker Valley Mining Co., 17 Public Square. J. M. Walter, pres. and treas.; J. H. Streeter, secy., mgr. and buyer. Cap. stk. $8,100, pd. up. Mine at Rogers.
Roll.M.—Union Iron & Steel Co. Rolling mill.
B.Coal—Walter & Ferris Coal Co.
B.Coal—Witch Hazel Coal Co. Witch Hazel mine. Shaft. Steam.
Stone—Youngstown Paving Brick Co. Sandstone.
Roll.M.—Youngstown Steel Co. Rolling mill.
Stone—Youngstown Stone Co. Cap. $5,000. Bears Den quarry. Sandstone. 4,000 yards; 150 days; 18 employes. Stone crusher, 75 tons daily capacity. Steam.

ZALESKI, Vinton Co. Pop. 862. M.O. Tel. Ry. 50. Banking town McArthur.
B.Coal—Jas. E. Chaffin & Bros. Clark mine. Tunnel, 175 ft. 325 tons; 5 employes. (Local.)

ZANESVILLE, Muskingum Co. Pop. 21,500. M.O. Tel. Ry. 49; 64; 186; 200; 202; 215; 966.
Stone—Henry Abele. Sandstone.
B.Coal—Jas. H. Alexander. Open pit. (Local.)
F.Clay—American Exterior Tiling Co. Fire clay.
F.C.—E. M. Ayers. Fire Clay.
B.Coal—Alfred Barton. (Local.)
B.Coal—James Bridwell. (Local.)
B.Coal—William L. Combs. (Local.)
B.Coal—J. A. Detenbeck. Oak View mine. Tunnel. Horse.
B.Coal—Theodore Dietz. Slope. (Local.)
F.Clay—J. Downerd & Son Co., 201 Main St. E. C. Downerd, pres., treas. and buyer; H. S. Downerd, gen. mgr. Cap. $26,500. Crabtree mine. Fire clay. Open pit. 8,000 tons; 8 employes. Quarry at Chalfants.
Stone—S. L. Eliott. Sandstone.
B.Coal—Anderson Evans. (Local.)
B.Coal—M. Fisher. (Local.)
B.Coal—Chas. H. Gallagher. (Local.)
B.Coal—John German. Tunnel, 1,800 ft. 450 tons; 300 days. (Local.)
B.Coal—N. T. Grant. (Local.)
B.Coal—H. L. Greiner. (Local.)
B.Coal—A. Hagenhouse. (Local.)
B.Coal—E. Harper. (Local.)
B.Coal—Geo. H. Harper. Open pit. (Local.)
B.Coal—Lewis Harper. (Local.)
B.Coal—W. B. Harris & Bros. (Mine for own use in brickmaking.)

ZANESVILLE—Continued.
B.Coal—Edw. Holdsworth. (Local.)
Co.St.—A. O. Jones Brick & Terra Cotta Co. Bituminous coal and limestone.
B.Coal—Frank Kimbel. (Local.)
St.Cl.—Jno. W. King. Kings quarry. Sandstone and fire clay.
B.Coal—J. W. King. (Local.)
Stone—J. F. & W. G. Lucas. Sandstone.
B.Coal—John T. Lucas. (Local.)
B.Coal—Fred. Lutz. (Local.)
Stone—S. G. McBride. Sandstone.
B.Coal—McKinney Coal & Coke Co.
B.Coal—O. F. McKinney.
B.Coal—McKinney & Huggins.
B.Coal—M. McNulty. (Local.)
B.Coal—John S. Marcellus. (Local.)
B.Coal—Isaac Melvin. (Local.)
B.Coal—John Morgan. (Local.)
B.Coal—I. M. Morisen, 71 Luck Ave. Mine at Mt. Sterling.
Stone—Philip Mourin. Mourin quarry. Limestone.
F.Clay—Oakland Paving Brick Co. Fire clay.
Roll.M.—Ohio Iron Co. Rolling mill.
B.Coal—John B. Pansler. (Local.)
B.Coal—Thos. Potts. Tunnel. 1,600 tons; 270 days; 3 employes.
B.Coal—John Richards. (Local.)
B.Coal—Chas. L. Schultz. (Local.)
B.Coal—A. Z. Sealover, 166 Marietta St. Slope. (Idle.)
B.Coal—J. W. Severance. (Local.)
B.Coal—Noah Swank. (Local.)
B.Coal—Frank S. Swope. (Local.)
F.Clay—T. B. Townsend Brick & Contracting Co.
B.Coal—Jno. Walwork.
B.Coal—Wm. A. Werner. Cap. $20,000. Shaft, 51 ft. 25,000 tons; 300 days; 30 employes. Steam.
A.Coal—Zanesville Coal Co., 57 N. 4th st. O. F. McKinney, pres. and gen. mgr.; F. E. Higgins, secy.; J. B. W. Amsden, treas. Cap. stk. $100,000, $81,000 pd. up. Mine at Crooksville, O.

ZIMMERMAN, Greene Co. Pop. 100. Ry. Shoups, 190; 660. Banking town Dayton.
Stone—M. J. Archer. Sandstone.

ZOAR, Tuscarawas Co. Pop. 27. Ry. 936. Banking town New Philadelphia.
B.Coal—Wm. R. Jones. Eagle Hill mine. Tunnel.
B.Coal—John Shidigg.
B.Coal—Zoar Society. Tunnel.

OREGON

ALBANY, Linn Co. Pop. 3,079. M.O. Tel. Ry. 635; 841.
Stone—Blackman & Abraham.
Gold—Lawler Gold Mining Co.
Stone—Frank Wood & Co.

ALTHOUSE, Josephine Co. Pop. 20. Banking town and Ry. Grants Pass, 841.
G.S.—Geo. Benson. Gold and silver.
Gold—Charles Johnson.
Gold—W. A. Johnson.
Gold—Wm. McKay.
Gold—C. C. Russ.
Gold—Jas. Turner.

APPLEGATE, Jackson Co. Pop. 120. Banking town and Ry. Jacksonville, 747.
Gold—John T. Layton. Farris Gulch mine.
Lime—Mountain Lime Co.

ARKO, Wallowa Co. Ry. Lewiston, Idaho, 832a.
G.S.—Thos. Ferguson. Gold and silver.

ASHLAND, Jackson Co. Pop. 1,784. M.O. Tel. Ry. 841.
Gold—Ashland Mining Co. Shaft, tunnel. Free ore.
Gold—W. A. Jacobs.
G.S.—I. M. Martin. Gold and silver.
G.S.—David Payne. Gold and silver.

ASTORIA, Clatsop Co. Pop. 6,184. M.O. Tel. Ry. 809a.
Copp.—Elmer-Brown Copper Mining & Milling Co.

AUBURN, Baker Co. Pop. 60. Ry. Lockhart, 858.
Gold—M. Alexander. Alexander claim. Placer.
Gold—C. Duckworth & Co. French Gulch mine. Placer.

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AUBURN—Continued.
Gold—Grant & Murray.
G.S.—Mullin, Littlefield & Co. Gold and silver.
Gold—Wm. Mullen.
Gold—Mullen & Evo. Blue Canyon mine. Placer.
Gold—Railton & Co. Elk Creek mine. Placer.
Gold—W. Uren & Meyer. Uren claim. Placer.

AUSTIN, Grant Co. Ry. McEwen, 858. Banking town Baker City.
G.S.—L. Barnet. Gold and silver.
G.S.—S. Berry. Gold and silver.
Gold—S. Carpenter.
Gold—D. Collier.
Gold—Jerry Deasy.
Gold—Jake Mullen.
Gold—C. G. Nelson.
Gold—H. Rathjen.
Gold—D. Schoats.

BAKER CITY, Baker Co. Pop. 2,604. M.O. Tel. Ry. 638; 858.
Gold—J. Addoms. Jersey, Deer Trail and Nancy Hanks mines. Quartz.
Gold—J. Arthur. Utopia mine.
Gold—Baisly Bros. & Co. Mable mine. Free ore.
Gold—S. & J. Baisly. Jersey and Durham mines. Free ore.
Gold—Sam Baisly. Never Sweat mine. Placer. Baisley placer mine, 20 acres.
G.S.—Baker City Gold & Silver Mining Co. (Fuchs, Elmer & Co. prop'rs.)
Lime—Baker City Lime Co.
Gold—Baker City National Bank. Del Monte, Gold Ridge, Legal Tender and Hidden Treasure mines. Free ore.
Gold—Barker & Herman. Boomerang and Queen mines. Free ore.

BAKER CITY—Continued.
Gold—P. Basche. Gladstone, North Star, Belle View and Dolcouth mines and McArdle claim.
Gold—Basche & Faull. Evening Star mine. Five stamp mill. Gimlet mine. Placer.
Gold—Belleville Mining Co.
G.S.—Bennett & Sons. Gold and silver. Tempest, I. X. L., Legal Tender and Treasure mines.
Gold—Dr. Best. Crown Point mine. Quartz.
Gold—G. Borman. Buckeye mine. Free ore.
Gold—Harry Bowen. Chipmunk mine. Free ore.
G.S.—Bowen, Taft & Kelley. Gold and silver. Silver Crown, June Bug and Washington mines. Five stamp mill.
Gold—J. M. Boyd.
Gold—Brazos Mining Co. Brazos mine. Free ore.
Gold—J. Burns & Co. Eureka and Nevada mines. Free ore.
Gold—Cabell & Parker. California mine.
Gold—Caldwell & Grant. Mountain Belle and Nip and Tuck mines.
Gold—M. Carpenter. Carpenter claim. Placer.
Gold—R. S. Cates. Baisley Elkhorn mine. Bryant mill.
Gold—J. Cavin. Crack Pan mine. Placer.
Gold—Port Conde. Emma mine No. 2. Free ore.
Gold—L. F. Cook.
Gold—J. T. Donnelly. Oregon Chief mine. Quartz.
Gold—J. T. Donnelly & Co. Homestake mine.
Gold—T. W. Downing. Miner mine. Quartz.
Kaolin—L. Durkee. Kaolin mine.
Gold—Eagle Mining Co.
Gold—Elmer & Murphy. Seagull mine. Free ore.
Gold—Wm. Evans. Rattler mine. Free ore.
Gold—Faull, Basche & Co. Villard mine.
Gold—E. Ferry.
Gold—C. M. Foster.
Gold—Isidor Fuchs. Monte and Emma mines. Free ore.
Gold—J. F. Gallagher. Senator mine. Free ore.
G.S.—Girouse & McCarthy. Gold and silver.
Gold—M. Goldstein. Ole Olson mine. Free ore.
Gold—Goodwin Bros. Chloride and Red Jacket mines. Quartz.
Gold—T. Gorman & Co. Friday mine. Free ore. Five stamp mill.
Gold—Gorman & Reynolds. Lella and Granite mines. Free ore.
Gold—W. F. Grant. Big Belle mine.
Gold—S. A. Heilner. Mammoth mine.
G.S.—Hodgkins & Rohner. Cow Boy mine. Gold and silver. Tunnel. Free ore.
Gold—M. Hoff. Barber mine. Free ore.
Gold—W. Hoff. Colorado mine. Quartz.
Gold—J. Howard & Co. Treadwell group. Free ore.
Gold—C. F. Hyde. Tom Payne, Dolly Warden, Good Thought and McCord mines. Free ore. Ten stamp mill.
Gold—Indiana Mining Co.
Gold—Jenkins & Co. Jenkins group. Free ore.
Gold—J. M. Johnson. Eureka, Crown Point, Pittsfield and Golden Chariot mines. Free ore. Also mines at Sanger.
Gold—Johnson & Co. Snow Storm and Excelsior mines. Free ore.
Gold—Jones & Carpenter.
Gold—L. Kastner. Pacific mine. Quartz.
Gold—Knox & Ward. Keystone mine. Free ore.
G.S.—J. Lachner. Gold and silver. Montana and Silver City mines.
Gold—Laidy & Limbeck. Cambria mine. Free ore.
Gold—A. J. Lawrence.
Gold—Lawrence Est. Gordon mine. Free ore.
Gold—Levens & Angell. Laura and St. John mines. Free ore.
Gold—Levens & Co. Mormon Boy and Sue, Infidel and Star mines.
Gold—Mrs. J. Lew. Jay Gould mine. Free ore.
Gold—Sam Lew. New Find mine. Five-stamp mill.
Gold—S. Lew & Co. Richmond group. Quartz.
Gold—G. W. McCarthy. Scorpion mine. Free ore.
Gold—McClelland & Co. McClelland's claim, 80 acres. Placer.
Gold—McDowell & Co. Columbia mine. Free ore.
Gold—Joseph McKay. Big Indian mine. Free ore.
Gold—McKay, Wynn & Co. Morning Star mine.
G.S.—McKeever & Green. Gold and silver. O. K. mine.
Gold—N. A. McMillan. Badger, Gopher, Nellie Grey No. 1 and Nellie Grey No. 2 mines.
Gold—Madden Bros. Terrible, Mother Lode, Ohio, Old Soldier, Tom Payne Extension, Eldorado, Gold Bug, Fraction and King mines. Free ore.
Gold—Mahoney & McCarthy. Kearsage mine. Free ore.
Gold—R. A. Malloy. Griffin Gulch mine. Placer.
Gold—Malloy & Stoller, Lincoln mine. Quartz.
Gold—Mann & Travillion. Parkerville, Winterville and Hope Flat mines. Placers.
Gold—C. Miller.
Gold—C. Morse & Co. Queen Bee mine. Free ore.
G.S.—Wm. Mulkey. Gold and silver.
Gold—Nelson & Denney. Golden Eagle, Miss Dury, Miners' Hope, Captain Jack and Bonanza Queen mines.
G.S.—Nivens & Co. Gold and silver. Mammoth mine.
Gold—S. Ottenheimer. Young America mine. Free ore.

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BAKER CITY—Continued.
Gold—J. Palmer. Alder and New York mines. Placer and free ore.
Gold—Palmer & Place. Virginia mine.
G.S.—J. H. Parker. Gold and silver. Hope, La Belle Vue, Seminole and La Belle Vue South mines. Ten-stamp mill.
Gold—J. P. Paul.
Gold—Fred Pfau. Elkhorn Bonanza mine.
Gold—Rand & Coughlin. Uncle Dan mine. Free ore.
Gold—Ed. Rawson & Co. Last Chance mine. Quartz.
Gold—Dan Robbins. McGinty mine.
Gold—Robbins-Elkhorn Mining Co.
Gold—J. H. Robbins. Robbins, Blue Ledge, Stella, Elkhorn Extension and Accident mines. Bryant mill.
Gold—Robinson Gold Mining Co. North Star mine. Tunnel. Refractory ore.
Gold—Rock Creek Mining Co. (N. A. McMillan, prop'r.) Ten-stamp mill.
Gold—Albert Ross. Albatross mine. Free ore.
Gold—Dr. Shields & Co. Myrtle mine. Free ore.
Gold—G. T. Simmers & Co. Ohio mine. Free ore.
Gold—Wm. Smith. Grey Goose mine. Free ore.
Gold—Sturgill Bros.
Gold—Col. Swan. White Swan mine. Free ore. Ten-stamp mill.
Gold—W. B. Taylor. King Solomon mine. Quartz.
Gold—Tracey, Fox & Co. Detroit mine. Free ore.
Gold—Utah Mining Co. Ivy May mine. Quartz.
Gold—E. F. Vaight.
Gold—Vanslyke & Schiver. Denver mine. Free ore.
Gold—Virtue Mining Co.
Gold—J. Waddell. Hurdy Gurdy mine. Free ore. Five-stamp mill.
Gold—Dr. Wheeler. Rachel mine. Free ore.
Gold—White Swan Mining Co.
Gold—W. D. Woodworth. Woodworth claim. Placer.
Gold—Wright & Co. Annie mine. Free ore.

BOHEMIA, Lane Co. Ry. Cottage Grove, 841.
Gold—Bohemia Gold Mining & Milling Co.
Gold—Champion Gold Mining & Milling Co., Dorr and Beacon sts., New London, Wis. Champion, Ely and Good Hope mines. Adits. Free milling ore. 10-stamp mill. Concentrator, 9,000 tons. (Developing.) E. P. Jennings, C.E., E.M., mine supt. and local buyer.

BONANZA, Klamath Co. M.O. Ry. Ager, Cal., 841. Banking town Ashland.
Gold—D. A. Driscoll.
Gold—J. Howell.

BOURNE, Baker Co. Ry. McEwen, 858.
Gold—Alex. Barring. North Pole mine. Twenty-stamp mill.
Gold—Bowen & Taft. Washington mine.
Gold—Cable Bros. California and Columbia mines. Quartz. 5-stamp mill.
Gold—Cowen & Taft. Appomattox mine.
Gold—A. Elliott. Wide West mine.
Gold—Glissan & Houck. North Star mine.
Gold—Charles Houck. Hidden Hand mine.
Gold—J. & H. Longmaid. Eureka and Excelsior mines. Forty-stamp mill.
Gold—Lynch & Pewer. Amazon mine.
Gold—Tabor & Jannie. Fractional, Oregon and Cracker mines.
Gold—Taft & Snyde. Blue Mountain and Golconda mines.

BOWDENS, Malheur Co. Ry. Nampa, Idaho, 899.
G.S.—North Pole Mining Co. Gold and silver.

BRIDGEPORT, Baker Co. Ry. Baker City, 638; 858.
Gold—A. Barnhart.
Gold—B. Barthomae & Co.
Gold—Biswell & Sons. Webfoot Basin mine. Placer.
Gold—Charles Brown. Cow Creek mine. Placer.
Gold—Burt River Mining Co. Chicken Bar mine. Placer. Hydraulic.
Gold—Colorado Placer Mg. Co. (Scott & Hardt, prop'rs.) Placers.
Gold—Henry Heisy. New Bar mine. Tunnel.
Gold—Hewald & Herman. Stices Gulch and Hewald Placers mines. Placer.
Gold—McGregor & Co. Whipple Gulch mine. Placer.
Gold—August Meyer.
Gold—Pine Creek Placer Co. (Bowman & Bower prop'rs.)
Gold—Tobe Reed. Brannin claims. Placer.
Gold—Scott & Hardt. Scott placers.
Gold—G. D. Springer. Springer claim. Placer.
Gold—H. Winat.
Gold—Fred Wunder. Danny Creek mine. Placer.

BROWNSVILLE, Linn Co. Pop. 580. M.O. Tel. Ry. 841.
Gold—C. B. R. Mining & Milling Co.

BROWNTOWN, Josephine Co. Banking town and Ry. Grants Pass, 841.
G.S.—S. W. Forbes.

CALEB, Grant Co. Ry. The Dalles, 638. Banking town Baker City.
Gold—W. W. Crone.
G.S.—Mule Gulch Mining Co. Gold and silver.

CANYON CITY, Grant Co. Pop. 304. M.O. Ry. McEwen, 858.
Gold—Wm. Alerd.
Gold—J. H. Blake. Gem of the Mountain mine.
Gold—Clark & Rullson. Last Chance mine. Placer.
Gold—Hugh Connor.
Gold—Humboldt Mining Ass. Humboldt mine. Placer.
Gold—V. G. Killer.
Gold—John Long.
Gold—Geo. Martin.
Gold—J. A. Whitman. Whitman mine. Placer. Hydraulic.

CANYONVILLE, Douglas Co. M.O. Tel. Ry. Riddles, 841. Banking town Roseburg.
Gold—Ash & McWilliams. McWilliams and Ash mines. Placer.
Gold—D. J. Bollenbaugh. Cap. $1,500. Pickune mine. Placer. Water.
Gold—W. T. Briggs.
Gold—S. Gloor.
Gold—E. L. Goodridge.
G.S.C.—Last Chance Mining Co. Last Chance mine. Gold, silver and copper.
Gold—D. A. Levens. Douglas mine. Shaft, tunnel. Free ore.
Gold—James Yokam. Placer. Hydraulic.

CENTRALPOINT, Jackson Co. Pop. 534. M.O. Tel. Ry. 841. Banking town Medford.
C.E.—Peter Applegate. Civil Engineer and United States Deputy Mineral Surveyor.

CLACKAMAS, Clackamas Co. Pop. 46. M.O. Ry. 841. Banking town Oregon City.
Stone—Watts & Co.

CLIFFORD, Baker Co. Ry. McEwen, 858.
Gold—Sam Downs. Red Bird mine. Free ore.
Gold—Albert Geiser. Bonanza, Haggard, Haggard West, Pacific and Protection mines. Free ore. Ten-stamp mill.
Gold—Thomas Bros. Jay Gould mine. Free ore.
Gold—W. P. Watson. McGrisby mine. Free ore.
Gold—J. C. Young. Eagle Co., Eureka, Sheridan, Herculean, Fraction, Le Cyn Bell, Ontario, Top Hand, Moy Joy, City Rock, Imperial, Winchester and Little Maud mines. Quartz.

COMSTOCK, Douglas Co. Tel. Ry. 841. Banking town Eugene.
G.S.—J. A. Griggs. Gold and silver.

CONNOR CREEK, Baker Co. Pop. 36. Ry. Huntingdon, 638; 899. Banking town Baker City.
Gold—Charles Akin. Sisley claims. Placer.
Gold—Dinning & Thomas. Albatross mine. Open pit. Placer.
Gold—M. Flick. Flick placer mines.
Gold—Huntington Mining Co. (N. C. Haskell, prop'r.) Placer.
Gold—Sim Reed. Connor Creek mine. Free ore. Twenty-stamp mill.
G.S.—L. J. Sisley. Gold and silver.

CORNUCOPIA, Union Co. Banking town and Ry. Union, 638.
Gold—J. K. Armstead.
Gold—Beers & Co. Cox and Allen mines.
Gold—Bowles & Co. Comet, Gorge and Slate mines.
Gold—W. T. Burdett.
Gold—Clark & Searle. Union and Companion mines. Twenty-stamp mill.
G.S.—Companion Mining Co. Shaft, tunnel. Free and refractory ore. Steam.
Gold—W. F. Davis.
Gold—W. S. Davis.
Gold—John Eaton.
Gold—J. T. Fyfer & Co. Forest Queen mine.
Gold—Howard & Carey. Last Chance mine.
G.S.—James Mackey. Gold and silver.
Gold—Mills & Co. Poor Man mine.
Gold—Oregon Gold Mining Co. Red Jacket mine. Twenty-stamp mill.
Gold—Lawrence Painter.
Gold—Reed & Simmons. Simmons group.
Gold—Spokane & Reed. Queen of the West mine.
Gold—F. Steen & Co. Norway mine.
Gold—Stella Mining Co. Stella mine. Tunnel. Free and refractory ore.
G.S.—Wm. Tice. Gold and silver.
G.S.—Union Mining Co. Union mine. Gold and silver. Tunnel.

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CORVALLIS, Benton Co. Pop. 1,530. M.O. Tel. Ry. 635; 841.
Gold—Corvallis Amalgamation Co.
Stone—Benton Mulky.
C.E.—W. T. Weber, Civil Engineer.
Stone—A. M. Whitham.

COTTAGE GROVE, Lane Co. Ry. 841.
Gold—Annie Consolidated Mining Co.
Gold—Champion Gold Mining and Milling Co., New London, Wis. Champion mine. Shaft, 75 ft. Tunnel, 110 ft. Free ore. 9,000 tons; 200 days; 15 employes. Steam. Two concentrators. Stamp mill, 30 tons daily capacity. E. P. Jennings, M. E., mine supt.

DALLAS, Polk Co. Pop. 848. M.O. Tel. Ry. 841.
Stone—Polk County Quarry Co.

DENMARK, Curry Co. Banking town and Ry Marshfield, 221.
Gold—Black Sand Gold Mines.

DRAPER, Jackson Co. Ry. Goldhill, 841
Gold—Alescandee Orme Mine.
Gold—R. A. Cook & Sons. Cook's mine. Placer. 2,500 tons; 300 days; 5 employes. Hydraulic.
G.S.—Oscar, Swacker & Son. Gold and silver.

ETNA, Jackson Co. Ry. Goldhill, 841. Banking town Medford.
G.S.—H. Richardson. Gold and silver.

EUGENE, Lane Co. Pop. 3,960. M.O. Tel. Ry. 841.
Gold—Canyonville Mining & Water Co.
Gold—Myrtle Creek Consolidated Hydraulic Gold Mg. & Mfg. Co. Lewis Catching, gen. mgr. Cap. stk. $625,000, $125,000 pd. up. Mine at Myrtle Creek.

FORESTGROVE, Washington Co. Pop. 668. M.O. Tel. Ry. 841.
Stone—Forest Grove Stone Co. Forest Grove quarry. Blue sandstone. Steam.

FOX, Grant Co. Banking town and Ry. Heppner, 638.
Gold—Dunlap Mining Co.
G.S.—First Chance Mining Co. Gold and silver.

GLIDE, Douglas Co. Ry. Roseburg, 841.
G.S.—T. J. Laflesh. Gold and silver.

GOLDBEACH, Curry Co. M.O. Banking town and Ry. Marshfield, 221.
Sur.—Rolla Canfield, U. S. Deputy Mineral Surveyor.
Copp.—N. Huntley. Copper.
Gold—Huntley & Shack.
Phos.—E. D. Phelps. Phosphate.

GOLDHILL, Jackson Co. M.O. Tel. Ry. 841. Banking town Medford.
M.E.—John Bouse, Mining Engineer.
Gold—Gold Back Channel Mining Co., Seattle, Wash. Tunnel, 1,500 ft.; 200 days; 6 employes. James Shotwell, mine supt.
Gold—G. W. Lance & Sons. Foots Creek mine. Placer.

GRANITE, Grant Co. M.O. Ry. McEwen, 858. Banking town Baker City.
Gold—Jim Allen. McWillis mine, 40 acres. Placer.
Gold—Baisley & Klopp. Baisley & Klopp mine. Placer. Hydraulic.
Gold—Baker City Mining Co.
Gold—B. Beagle. Three Cut mine, 20 acres. Placer.
Gold—Berry & Choate. Phoenix mine. Free ore. Five-stamp mill.
Gold—Cabell Bros.
G.S.—Mrs. F. Cabell. Gold and silver. Lolita, Silent Friend, Little Johanna, Shanandoah, Crystal Spring, Crystal Spring N., Mohican and Montana mines.
Gold—Caldwell & Co. Jenny Reid and King Solomon mines. Free ore.
Gold—A. Case. Pyx mine. Five-stamp mill.
Gold—J. Cate. North Fork mine. Placer.
Gold—Craig & Caldwell. Bobtail mine. Free ore.
Gold—J. N. Ditmar. Milwaukee mine. Placer.
Gold—Gallagher & Co. Gallagher claim. Placer.
G.S.—W. Graham Co. Gold and silver.
G.S.—Grant Bros. Gold and silver. Grant mine. Five-stamp mill. Hump Back mine.
Gold—B. F. Grant & Co. High Ore mine. Free ore.
Silv.—Granite & Greenhorn Milling & Mining Co. Gold and silver. Silver Monumental and Morris Consolidated mines. Shafts, tunnels. Refractory ore. Steam.
Gold—G. H. Gutridge & Co. Camp Mason mine.
G.S.—J. H. Hildreth. Gold and silver. Phoenix mine. 5-stamp mill.
Gold—J. H. Hilliard. Oro Fino mine.

GRANITE—Continued.
Gold—W. Hyatt. Daggett Diggings mine.
Gold—W. Johnson. Crane Flat mine. Placer.
Gold—Isaac Klopp. Ajax mine. Free ore.
Gold—Lee & Munroe. Fourth of July mine. Free ore.
G.S.—W. Lucas & Flaherty. Gold and silver. Wild West mine.
Gold—McLume & Monroe.
Gold—Dr. Marrotte. Marrotte claim. Placer.
Gold—J. H. Mitchell. Virginia mine. Free ore.
G.S.—J. Morris. Morris mine. Gold and silver.
Gold—Wiley Osborn. Onebeck mine. Free ore.
G.S.—C. S. Miller. Gold and silver. Myrtle mine. Monumental mine. Silver. 10-stamp mill.
G.S.—Milwaukee Mining Co. Gold and silver.
Gold—Miller & Glissan. Golden Rule mine. Quartz.
G.S.—Pratt & Co. Gold and silver. Pratt and Sehnarr mine.
G.S.—Red Boy Mining Co. Gold and silver.
Gold—T. M. Robbins. Nevada claim, 60 acres. Placer.
Gold—Dave Shultz. Shultz mine. 5-stamp mill.
Gold—D. Tetrimille. Comet mine.
G.S.—J. H. Turner. Gold and silver. Worley Cons. mine.
Gold—Wm. Turner. Red Chief, Uncle Sam and Mammoth mines. Free ore.
Gold—Vanslyke & Co. Grizzly mine. Free ore.
Gold—W. Woods & Co. Woods' claim. Placer.
Gold—B. F. Wrenn. Carpenter Gulch mine. Placer.

GRANTS PASS, Josephine Co. Pop. 1,432. M.O. Tel. Ry. 841.
Gold—Kiessling & Kremer, Williams: Ruth C. and Ensor mines. Tunnel. Free ore. (Developing.)

HARDMAN, Morrow Co. M.O. Banking town and Ry. Heppner, 638.
Gems—Wm. A. Fisher. Precious stones.

HARNEY, Harney Co. Pop. 240. M.O. Ry. Ontario, 899. Banking town Baker City.
Gold—H. C. Brown.
Gold—Bruner & Gilham.
Gold—W. R. Cranard.
Gold—Wm. Crawford.
Gold—Lewis Foster.
Gold—Foster & McDonald. Monarch mine. Free ore.
Gold—T. J. Hellin.
Gold—Idol Mining Co. Trout Creek mine. Placer. 4 employes. Water.
Gold—J. F. Mahon.
Gold—J. Morris.
Gold—Samuel Roach.
Gold—M. F. Williams.
Gold—Price Withers.

HARRIS, Benton Co. Ry. 635.
Gold—Chloride Mining & Milling Co.

HERLING, Jackson Co. P.O., banking town and Ry. Jacksonville, 747.
Gold—T. Camerson.
Gold—Lin Gin.

HILLSBORO, Washington Co. Pop. 1,246. M.O. Tel. Ry. 841.
Sur.—L. E. Wilkes, County Surveyor, Washington Co.

HOULTON, Columbia Co. Ry. 617. Banking town Portland.
G.S.—J. W. Campbell.

HUNTINGTON, Baker Co. Pop. 321. M.O. Tel. Ry. 638; 899. Banking town Baker City.
Gold—Ainsworth & Co. Gold Ridge mine. Free ore.
Gold—Brown & Co. Romeo and Juliet mines. 3-stamp mill.
G.S.—Cartwright Bros. Gold and silver. Dixie Creek and Green's Discovery mines. Placer and quartz.
Gold—Connor Creek Mining & Milling Co., Abington Bldg., Portland. Connor Creek mine. Tunnels. Free ore. Water. 35-stamp mill.
G.S.—Charles Greene. Gold and silver. Blue Dick mine.
G.S.—Green & Coe. Gold and silver. Lurid Storm mine.
Gold—H. Henrici. Cave Creek mine. Placer.
Gold—T. Huffman. Huffman mine. Free ore.
Gold—Leonard & Baisly. Uppermost mine. Placer.
Gold—Lock & Holmes. Dixie Creek Bar mine. Placer.
Silver—New England Gold & Silver Mining Co. Monumental mine.
Gold—Olsen & Knight. Miller Gulch mine. Placer.
Gold—Kid Tedreau. Cincinnati mine. Free ore.
B.Coal—Test & Lisle. Coalfields mine.
Gyp.—J. Tomlinson. Gypsum mine. Roller mill.

JACKSONVILLE, Jackson Co. Pop. 743. M.O. Tel. Ry. 747.
Gold—Jacksonville Mining & Milling Co. Jacksonville mine. Tunnel. Free and refractory ore.
Gold—Siskiyou Gold Mining Co., Tacoma, Wash. Joe Creek mine. Placer. 300 days; 9 employes. Hydraulic. Mine on Elliott Creek, Siskiyou Co., Cal.
G.S.—Sterling Mining Co. Gold and silver.

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JOHN DAY, Grant Co. Pop. 211. M.O. Ry. McEwen, 858. Banking town Baker City.
Sur.—Chas. G. Caspary, U. S. Deputy Mineral Surveyor.

JOSEPH, Wallowa Co. Pop. 249. M.O. Ry. Elgin, 638.
S.C.—Royal Purple Mining Co. Silver and copper. Tunnel. Free and refractory ore. Crusher, furnace and 5-stamp mill.

KERBY, Josephine Co. Pop. 143. M.O. Banking town and Ry. Grants Pass, 841.
Gold—William Byber.
Gold—Illinois Mining Co.
G.S.—H. White. Gold and silver.

LAGRANDE, Union Co. Pop. 2,590. M.O. Tel. Ry. 638.
Gold—E. Brown & Co. Little Emma, Julietta No. 1 and 2, Romeo No. 1, 2 and 3 and Bulldog mines. Free ore.
Gold—Chloride Consolidated Mining Co.
Coal—Foster & Snodgrass. Coal Fields mine.
Gold—Andrew Hanson. Yankee Jim and Oregon Clipper mines.
Gold—Hopper & Co. Limber Jim mine. Placer.
Gold—Hunter & Fox. Hunter's mine. Placer.
Gold—Paul Levier. Camp Carson mine. Placer.
G.S.—J. K. Romig. Gold and silver. Chloride and Maxwell group mines.
Gold—W. M. Tablor. Nine Strike mine.

LELAND, Josephine Co. Pop. 43. Ry. 841.
Gold—L. N. Browning. Browning mine. Placer.
Gold—Clark & Smith. Cap. $5,000. Clark mine. Placer. Gold gravel, 50,000 tons; 240 days; 5 employes. Hydraulic.

M'EWEN, Baker Co. M.O. Tel. Ry. 858.
Gold—Dan Carnes. Carnes' claim. Placer.
Gold—Duncan & McEwen. John Day mine.
Gold—W. W. Looney. Big Blue mine. Free ore.
Gold—Thomas McEwen. Ten Strike and Lucky Boy mines.
Gold—R. Pobst. Minersville mine. Placer.
Gold—Tibbs Bros. Tibbs' diggings, 60 acres. Placer.

MALHEUR, Malheur Co. Pop. 103. Ry. Huntington, 638; 899.
Gold—Theodore Barbee. Barbee claim, 80 acres. Placer.
Gold—R. Beers. Fourth of July mine, 50 acres. Placer. Beers' claims, 100 acres. Placer.
Gold—Jed Blair. Amelia claim, 210 acres. Placer.
Gold—J. Boswell, Jr. Boswell, Jr., claim, 50 acres. Placer.
Gold—Wm. Boswell. Boswell claim, 50 acres. Placer.
Gold—J. Bruner. Bruner's Ledge. Free ore.
Gold—Colt Bros. Colt Bros.' claims, 160 acres. Placer and quartz.
Gold—F. Fisher. Fisher claims. Placer.
Gold—I. France. France claim, 25 acres. Placer.
Gold—J. Harrison. Harrison Ledge mine. 5-stamp mill.
Gold—J. Kinzey. Kinzey claims. Placer.
Gold—J. Linn. Linn claim, 150 acres. Placer.
Gold—T. B. Littig. Littig claims, 75 acres. Placer. Sunday Hill, Annex No. 1 and Annex No. 2 mines. Free ore.
Gold—J. Longway. Longway claim, 30 acres. Placer.
Gold—R. Mitchell. Mitchell claim, 60 acres. Placer.
Gold—Wm. Rainy. Rainy claims, 60 acres. Placer.
Gold—Rogers & Copeland. Rogers' Basin mine, 22½ acres. Placer.
Gold—Zach. Smith. Smith claim. Placer.
Gold—C. M. Taylor. Taylor claims. Placer.
Gold—Wah Kee & Co. Wah Kee mine. Placer.
Gold—O. Wheaton. Wheaton claims. Placer.

MEDICAL SPRINGS, Union Co. Banking town and Ry. Union, 638.
Gold—P. H. Miles.
Iron—Wright & Buckland.

MURPHY, Josephine Co. Banking town and Ry. Grants Pass, 841.
Gold—J. T. Breeden.
Gold—J. Custor & Son.
G.S.—Flanagan & Breedan. Gold and silver.
Gold—Kiessling Bros.
Gold—Kiessling & Anderson.
Gold—O. M. Knox.
Gold—A. Schrimp.

MYRTLE CREEK, Douglas Co. Pop. 201. M.O. Tel. Ry. 841. Banking town Roseburg.
Gold—Myrtle Creek Consolidated Hydraulic Gold Mining & Milling Co., Eugene. 2,000 acres placer ground; 35 miles ditch; 3,000 ft. 15-in. pipe; 4 hydraulic giants; 15 employes.
G.C.—Myrtle Creek Copper & Gold Mining & Milling Co.
G.S.—H. K. Schultz. Gold and silver.

NEW BRIDGE, Union Co. M.O. Banking town and Ry. Baker City, 638; 899.
Gold—S. Buckland. Buckland claim. Free ore.

NEW BRIDGE—Continued.
Gold—J. Jennings. Jennings' claim. Codfish, Excelsior and May Queen mines. Free ore. Arrastre.
Gold—H. Kennison. White Badger mine. Free ore.

NORTH POWDER, Union Co. Pop. 185. M.O. Tel. Ry. 638. Banking town Union.
Gold—M. Guthrie. Guthrie mine. Free ore.

OLNEY, Clatsop Co. Pop. 76. Ry. Astoria, 809a. Banking town Kalama, Wash.
Gold—Frederick Olson. Cap. $50,000. Mines at Sawyers Bar, Cal.

OREGON CITY, Clackamas Co. Pop. 3,062. M.O. Tel. Ry. 841.
C.G.S.—Cascade Gold & Silver Mining Co., 244 Stark St., Portland. Consolidated Mother Lode mine. Copper, gold and silver. Shaft, 60 ft. Open cut, 150 ft. 200 days; 10 employes. (Developing.)

OSWEGO, Clackamas Co. Pop. 544. M.O. Tel. Ry. 841. Banking town Oregon City.
B.Fur—Oregon Iron & Steel Co. Blast furnace. Prosser and Duck Pond mines. Brown hematite. Shaft, tunnel.

PENDLETON, Umatilla Co. Pop. 2,506. M.O. Tel. Ry. 638; 920.
B.Coal—Arbuckle Coal & Mining Co.
Gold—J. A. Charpe & Co. Ben Harrison mine. Free ore. Arrastre.
Stone—Frank Dupont.
G.S.—W. P. Lathrop. Gold and silver. Pride of Pendleton mine.
Stone—A. Pevard.
Stone—J. H. Robbins.
Gold—Lucky Boy Mining Co.

PLACER, Josephine Co. Ry. Wolf Creek, 841.
Gold—Hampton & Lewis, 52 Front St., Portland. Hampton-Lewis Mine. Gravel. Open pit, 240,000 cu. yards. (Developing.) Wm. H. Hampton, mine supt.
Ch.E.M.—Wm. Huntley Hampton, Chemist and Mining Engineer.
Gold—Henry Zumwaldt.

PORTLAND, Multnomah Co. Pop. 81,400. M.O. Tel. Ry. 617; 638; 841.
Gold—Alaska Gold Mine.
Gold—American Bar Mining Co., P.O. Box 88. J. C. Bayer, pres., gen. mgr. and buyer; Jas. Main, secy. and treas. Cap. stk. $100,000 pd. up. Mine at Hornbrook, Cal.
Kaol.—American Kaolin Co.
Gold—Arlington Mining Co., 705 Chamber of Commerce. Jonathan Bourne, pres.; H. E. Thompson, secy.
Roll.M.—N. E. Ayer. (See Portland Rolling Mills.)
Gold—Baisley & Elkhorn Mining Co., A. O. U. W. Temple. T. A. Wood, receiver.
Stone—Bays & Jeffery.
G.S.—Beagle Bros. & Co. Gold and silver. Buffalo and Sheridan mines.
Qsr.—Black Butte Consolidated Quicksilver Mining Co.
G.S.—Bright Light Mining Co. Gold and silver.
Gold—Bruno, Scott & Co. Strasburg mine. (4 claims.)
Stone—John Burke, 334 Salmon St. Cap. $5,000. Basalt. Quarry at St. Helens.
G.S.—California Mining Co. Gold and silver. Mines in Coeur d'Alene dist. Idaho. (Idle; waiting incorporation.)
L.S.—Carbon Center Lead & Silver Mining Co., 231 Stark St. Geo. L. Stone, treas.
G.S.—Cascade Gold & Silver Mining Co., 244 Stark St. Chas. Idleman, pres.; J. C. Carson, v. pres.; E. Quackenbush, secy. and treas.; A. M. Cornelius, gen. mgr. and buyer. Cap. stk. $1,000,000. Mine at Oregon City.
B.Coal—Castle Rock Mining Co.
G.S.—F. Clarno, Washington Bldg. Gold and silver. Ornament, Surprise, Intrinsic, Eagle and Anaconda mines.
Stone—W. H. Cole.
Gold—Connor Creek Mining & Milling Co., Abington Bldg. S. G. Reed, pres.; Martin Winch, secy. and treas.; J. Myrick, gen. mgr. Cap. stk. $1,000,000. Mine at Huntington.
G.S.—Elkhorn Bonanza Mining Co., 24 A. O. U. W. Temple. Gold and silver. T. A. Wood, pres.
G.S.—Elkhorn Mining Co. Gold and silver.
G.S.—Eureka Mining Co. Gold and silver.
G.S.—Dr. Fehrenbach, 233 1st St. Gold and silver. Forest City and Silver Star mines.
Silv.—First Thought Silver Mining Co., Chamber of Commerce. Jonathan Bourne, pres.; H. Thompson, secy.
As.Ch.—James H. Fisk, 204½ Washington St., Assayer and Analytical Chemist.
S.C.—Granite Mining Co., 209 Stark St. V. B. De Lashmitt, pres.; J. E. Smith, v. pres.; E. De Lashmitt, secy.; J. H. Smith, treas.; G. B. McAulay, Wallace, Idaho,

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PORTLAND—Continued.
gen. mgr. Cap. stk. $500,000 pd. up. Silver and copper. Mine at Wallace, Idaho. Leased to other parties.
Silv.—Grant Silver Mining Co.
G.S.—Green Mountain Mining Co. Gold and silver.
C.E.—Robert A. Habersham, Civil Engineer, 1046 Corbett St.
Machinery—Hammond Mfg. Co., 69 First St. I. B. Hammond, M.E., pres. and gen. mgr.; H. E. Cowgill, secy.; J. Frank Watson, treas.; J. S. Spencer, asst. mgr. Cap. stk. $50,000, $30,000 pd. up. Mfrs. Hammond's Patent Iron Cushion Frame, Self-Contained Stamp Mills; Hammond's Patent Ore Feeders; Frue Vanners; Concentrators; Rock Crushers; Furnaces; Wire Rope Tramways; etc.
Gold—Hampton & Lewis, 52 Front St. Mine at Placer.
C.E.—Augustus S. Haskell (firm of Gilham & Haskell), Civil Engineer, 53 Union Blk. Specialty: Railroad engineering.
Silv.—Hecla Silver Mining Co., Chamber of Commerce. E. J. Jeffery, pres.; H. E. Thompson, secy.
Gold—Inez Mining Co., 209 Stark St. Van B. DeLashmutt, pres.; J. L. Honeyman, secy.
Gold—International Mining & Development Co., 3d and Alder Sts. M. J. Reid, pres.; C. J. Mulkey, v. pres.; W. H. Countiss, secy.; J. W. Applegate, treas. Cap. stk. $1,000,000, $10,000 pd. up. Claims at Elk City, Idaho.
G.C.—W. P. Keady, 60 Worcester Blk. Bradley mine. Gold and copper. No. 1, copper, and Rose, Messenger, Lynn, Park, Bradley No. 2, Sheeprock No. 1 and 2 and Faithful Boy mines, gold. 10-stamp mill.
Gold—Keystone Mining Co., 705 Chamber of Commerce. Jonathan Bourne, Jr., pres.; H. E. Thompson, secy.
Gold—Mineral Hill Mining Co.
Atty.—Robert G. Morrow, Attorney at Law, 306 Commercial Blk. Commercial, Corporation and Mining Law. Compiler of Oregon Laws for the RECORD.
B.Coal—National Coal Mining Co.
B.Coal—North West Coal & Transportation Co.
Iron—Oregon Iron & Steel Co., 315 Abington Bldg. Wm. Ladd, pres.; J. Frank Watson, secy. and gen. supt.
Mb.Lm.—Oregon Marble & Lime Co.
Stone—Oregon Paving & Contract Co., 313 Chamber of Commerce. Francis C. Little, Assignee.
Clay—Oregon Pottery Co., 55 5th St. N. A. M. Smith, Jr., pres. and gen. mgr.; James Steel, secy and treas.
Gold—Oregon & California Gold Mining Co.
B.Fur.—Oswego Blast Furnace, 106 3d St.
Iron—Oswego Iron Mining Co.
C.E.—J. Phelps Pim, B.A., Civil Engineer, Arlington Bldg., 106 3d St.
Roll.M.—Portland Rolling Mills, 22d and Nicolai Sts. W. B. Hyer, pres.; H. C. Jefferds, secy.; N. E. Ayer, treas. and gen. mgr. 2 heating furnaces. 2 trains rolls—one 9-in., one 16-in.; 40 employes. Steam. Bar iron. W. F. Merigold, mill supt.
Gold—S. G. Reed, 323 Abington Bldg.
Gold—Zera Snow, 34 Concord Bldg. Nelson mine. Placer.
G.S.—Stem Winder Mining Co. Gold and silver.
Gold—Sullivan Mining Co.
Atty.—Alexander Sweek, Mining Attorney, 423 Worcester Blk.
Gold—Washington Gulch Mining Co.
Gold—A. N. C. Wood Gold Mining & Milling Co.

PORT ORFORD, Curry Co. Pop. 108. M.O. Ry. 645.
Gold—John Fitzhugh, C. E., owner of gravel placer mines on Rogue River. Hydraulic.
Gold—A. N. Moore.
Gold—J. H. Vannoy.

PRAIRIE CITY, Grant Co. Pop. 222. M.O. Ry. McEwen, 858.
Gold—Butler & Luce. New Discovery mine.
Gold—O. J. Dorst. Cleveland mine. Free ore.
Gold—W. Dunn. Yankee Boy mine. Free ore.
Gold—Gifford Bros. Present Need and Yankee Blade mines.
Gold—W. E. Gifford.
Gold—Helmadach Bros. Helmadach mine. Free ore.
Gold—Chas. Helmadach.
Gold—Mark Howell. Cougar and Mountain Chief mines.
Gold—Sam Jackson. Last Chance mine. Free ore.
Gold—Johnson & Co. Johnson group.
Gold—A. H. Lamberton. Midnight mine. Free ore.
Gold—G. W. McCord.
Gold—Walter Moore. Alta mine.
Gold—H. Perzold. Mountain Lion mine. Free ore.
Gold—Reids & Burns.
Gold—Rinehart & Davis.
Gold—Thompson & Co. Thompson claims. Placer.
Gold—J. F. Watson. Keystone, Colorado and Little Denver mines.

PROSPECT, Jackson Co. Ry. Goldhill, 841. Banking town Medford.
B.Coal—Geo. Clements.

RIDDLES, Douglas Co. M.O. Tel. Ry. 841. Banking town Roseburg.
Gold—W. Q. Brown.

RIDDLES—Continued.
Gold—S. S. Catching. Placer.
Gold—Thos. Dyre.
Gold—H. P. Edgar.
Nick.—Edson, Adams & Brown. Nickel.
Gold—William Hackler.
Gold—Harmon Bros.
Gold—John Hudson. Gold Hill claim. Open pit.
Gold—R. M. More.

RIVERTON, Coos Co. Ry. Coquille, 221. Banking town Marshfield.
Lign.—Kite & Sons. Sidney Kite, buyer. Lignite. Open pit. 1,500 tons; 90 days; 7 employes. Tramway, 5 cars.
Stone—R. Panter. Sandstone.
B.Coal—J. H. Timon. W. Bean, gen. mgr. Block Coal mine. Tunnel, 500 ft.; 9,000 tons; 200 days; 30 employes; 1,000 feet tramway, 23 cars. James Bean, mine supt.

ROCKPOINT, Jackson Co. Pop. 68. Ry. Goldhill, 841. Banking town Jacksonville.
Gold—J. F. Bassett.
Gold—Noah Bowers.
Gold—Thos. Carr.
Gold—Thos. Cave & Bro.
Gold—N. Harsmer & Co.
G.S.—Hosmer, Anderson & Co. Gold and silver.
G.S.—R. Marmat. Gold and silver.
Gold—Gustave Pfiel.
Gold—Ed. Pierce.
Gold—W. Prefountain.
Gold—N. C. Ritter.
Gold—Alex. Wilson.

ROSEBURG, Douglas Co. Pop. 1,500. M.O. Tel. Ry. 841.
G.S.—Marks & Billings. Gold and silver.
Marb.—W. T. Woodward and W. R. Willis. Variegated marble. Water power. Not working for want of machinery.

RYE VALLEY, Baker Co. Pop. 29. Ry. Weatherby, 638.
Gold—France & Co. Juniper, Minnie, Tip Top, Granite, Quartz and Silver Ledge Nos. 1, 2 and 3 mines. Free ore.
Gold—John Frisco. Bonanza mine. Placer; hydraulic.
G.S.—Gold Ridge Mining Co. Gold and silver.
Gold—A. J. Lawrence. Macedonia mine. Two stamp mill.
G.S.—New England & Oregon Mining Co.'s mine. Gold and silver.
Gold—I. Odell. Odell placer mine, 20 acres.
Gold—Rye Valley Placer Co.
Gold—Claude Seguin. Seguin placer mine, 104 acres.

ST. HELENS, Columbia Co. Pop. 220. M.O. Tel. Banking town and Ry. Kalama, Wash., 671.
Stone—John Burke, 334 Salmon st., Portland. Basalt rock.
C.E.-Sur.—A. B. Little, Civil Engineer and Surveyor.

SALEM, Marion Co. Pop. 10,261. M.O. Tel. Ry. 841.
G.S.—Dry Gulch Consolidated Gold & Silver Mining Co.
C.E.—Alfred Gobalet. Civil Engineer and Draughtsman. 216 Commercial street.
Gold—Gold Mountain & Dry Gulch Consolidated Gold & Silver Mining Co.
Gold—Lodi Mining Co.
Stone—Pioneer Sandstone Co.
Stone—Pioneer Stone Co.

SAMS VALLEY, Jackson Co. Pop. 116. Ry. Goldhill, 841. Banking town Medford.
G.S.—D. W. Fitzgerald & Bros. Gold and silver.
G.S.—March & Selph. Gold and silver.
Gold—Wm. Payne.
Gold—J. L. Rowe & Co.
G.S.—B. F. Wade. Gold and silver.

SANGER, Union Co. Banking town and Ry. Union, 638.
Stmp.M.—Bradley quartz mill. Stamp mill.
Gold—Dill & Brown.
Gold—Eagle Gold Mining Co. (J. M. Johnson, propr.) Free ore.
G.S.—Golden Eagle mine. Gold and silver.
Gold—J. M. Johnson. Windsor, St. Albans, Thornton and White Claim mines. Free ore. Also mines at Baker City.
Gold—Frank McGee.
Gold—K. J. Martin.
Gold—J. A. Myers.
Gold—S. Roy and N. C. Love. Cap., $10,000. Crocodile mine Nos. 1, 2, 3 and 4. Tunnels. Free milling ore, 400 tons; 5 employes; 5 stamp mill. S. Roy, supt.
Gold—W. J. Townely. Sanger, Bonanza, North Star, Last Chance, Eagle and Buffalo mines. Free ore. Ten stamp mill.
Gold—Union Investment Co. of Milwaukee, 102 Wisconsin

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SANGER—Continued.
st., Milwaukee, Wis. Summit, Golden Eagle, Knight, Nellie Grant and Buffalo mines. Tunnels and shafts. Free ore, 14,000 tons; 50 employes. Stamp mill.

SPARTA, Union Co. Pop. 183. Banking town and Ry. Baker City, 638; 858.
Gold—Captain Ainsworth. Gem mine. Placer.
Gold—Wm. Arble. Pittsburgh mine. Free ore. Five stamp mill.
Gold—W. S. Barnard.
Gold—O. S. Buckland.
Gold—E. E. Clough. Pacific, Ainsworth and Town Gulch mines. Free ore and placer.
Gold—Judson Cook.
Gold—Dr. D. E. Vore. Osarc mine. Free ore.
Gold—W. Y. Dinnison.
Gold—A. Dragovileh. Grizzly placer mines.
Gold—Henry Gibson.
Gold—G. Hacker.
Gold—Hugh Jones.
Gold—F. L. Kelley. Oro Dell mine. Free ore.
Gold—J. G. Lewis, Estate. Silver Queen and Bonanza mines, and Kelley and Sullivan claims. Free ore.
Gold—M. O'Brien.
Gold—C. D. Reed.
Gold—Thos. Rich.
Gold—Henry Rogers.
Gold—J. Sullivan & Co. Kelly & Sullivan mine. Free ore.
Gold—Alexander Tartar.
Gold—W. H. Thompson. Sweet Betsey and Shanghai mines. Placer.
Gold—A. Waldron.
Gold—C. G. Weise.
Gold—J. W. Work. Crystal Palace mine. Free ore.
Gold—G. A. Wright.
Gold—S. Younger.

SPRINGFIELD, Lane Co. Pop. 371. M.O. Tel. Ry. 841. Banking town Eugene.
G.S.—Pacific Coast Prospecting & Development Co. Gold and silver.

SUMPTER, Baker Co. Ry. McEwen, 858. Banking town Baker City.
Gold—Deep Gravel Placer Co. (A. W. Ellis, propr.)
Gold—A. Dewer & Co. Amazon mine.
Gold—Downie & Dickson. Bull Run and Archie Downie mines. Placers.
Gold—Godfrey & Tabor. Red Boy mine. Free ore.
Gold—Tom Heddy. Belle of Baker mine.
Gold—F. Henderson. Buck Gulch mine. Placer.
Gold—D. McCullough. McCullough's Fork mine. Placer.
Gold—Mary Agnes Consolidated Placer Mining Co. Mary Agnes mine. Placer. Hydraulic.
Gold—Mickel, Fain & Co. Ibex mine.
Gold—P. S. Noyer. Keenly ditches. Placer.
Gold—Chas. Rimbal.
Gold—Clark Tabor. Mountain Belle.
Gold—Wm. Tabor. Tabor's claims. Placer.
Gold—Horace Worcester. Worcester mine. Placer.

SUSANVILLE, Grant Co. Pop. 23. Ry. Heppner, 899.
Gold—Walter Brown. Fox placer mines.
Gold—Sloan & Haskell. Placer. Steam.
Gold—H. Sloane. Blue Jay, Monumental, Alta, Poor Man and Big Bell mines. Free ore.
Gold—Smith Brothers. Princess mine. Free ore. Five stamp mill.

TALENT, Jackson Co. Ry. 841. Banking town Ashland.
G.S.—J. B. Dyer. Gold and silver.
G.S.—Oakland Mining Co. Gold and silver.

TENMILE, Douglas Co. Banking town and Ry. Roseburg, 841.
Gold—Henry Bushnell.
Gold—Wesley Lamb.

TOLEDO, Lincoln Co. M.O. Tel. Ry. 635. Banking town Corvallis.
Stone—U. S. government quarries.
G.S.—C. Van Cleve. Gold and silver.

TOLO, Jackson Co. M.O. Ry. 841. Banking town Medford.
G.S.—L. D. Hitch. Gold and silver.
Gold—James McDonough.
G. S.—Scott Griffin. Gold and silver.
Gold—Tolo Mining Co., Tacoma, Wash. Placer and quartz. Tunnel. Free ore; 8 employes. (Developing.) Mines being worked under bond by J. H. Baird and T. B. Wilson.

UNION, Union Co. Pop. 604. M.O. Tel. Ry. 638.
Gold—Riverdale Gold Mining Co.. T. H. Crawford, pres.; Jos. Wright, v. pres.; G. W. Benson, secy.; E. W. Davis, treas.; J. T. Bolles, gen. mgr. and buyer.

UNION—Continued.
Cap. stk., $96,000; $48,000 paid up. Spotted Horse and Hinckley mines. Shaft 225 ft; tunnels 150 and 450 ft. Free ore; 20 employes. Five stamp mill, 15 tons daily capacity. Water. J. T. Bolles, mine supt.
G.C.—S. Shriver. Shriver mine. Gold and copper.
G.C.—F. Wilson. Crane claim. Gold and copper.

VERNONIA, Columbia Co. Pop. 96. M. O. Ry. Cornelius, 841. Banking town Forest Grove.
G.S.—Rock Creek Mining Co. Gold and silver.

WALDO, Josephine Co. Pop. 29. M.O. Banking town and Ry. Grants Pass, 841.
Iron—Wm. Darks.
Gold—A. B. Hopkins.
Gold—J. Johnson & Co.
Iron—R. M. Kelly.
Gold—Geo. Simmons.
Gold—D. Slagle.
G.S.—W. J. Wadleigh. Gold and silver.

WEATHERBY, Baker Co. Pop. 22. Ry. 638. Banking town Baker City.
Gold—Bates & Urich. Urich mine. Free ore. Two stamp mill.
Gold—J. Bohna. Bohna claim. Free ore. Five stamp mill.
Gold—Cleveland Consolidated Co. Cleveland, On Time, Gambler and Gold Cup mines. Free ore.

WEATHERBY—Continued.
Gold—D. Cooper. Cooper Ledge mine. Free ore.
Gold—McCarthy & Ryan. Kelley Bar Placer mine.
Gold—Sisley Bros. Sisley claims. Placer.
Gold—Sisley, Leitner & Co. Hog Back mine. Placer.
Gold—Weatherby Estate. Chicken Creek Placer mine.
Gold—Wolf & Alsanger. Gold Hill mine. Free ore. Arrastre.

WILDERVILLE, Josephine Co. Pop. 52. Banking town and Ry. Grants Pass, 841.
Stone—B. T. Bull.

WILDWOOD, Lane Co. Ry. Cottage Grove, 841.
G.S.—Pierson Bros. Gold and silver.

WILLIAMS, Josephine Co. Banking town and Ry. Grants Pass, 841.
Gold—Bigelow & Sons.
Gold—Kiessling & Kremer. Mine at Grants Pass.

WOLF CREEK, Josephine Co. M.O. Tel. Ry. 841. Banking town Grants Pass.
Gold—Wm. & Ruth Ruble. Ruble mine. Placer.

WOODVILLE, Jackson Co. Pop. 99. Ry. 841. Banking town Jacksonville.
Gold—Stanly & Howell. Placer.

PENNSYLVANIA

ADAH, Fayette Co. Banking town and Ry. Uniontown, 49; 660.
B.Coal—Wm. Ulery.

ADAMSTOWN, Lancaster Co. Pop. 603. M.O. Ry. 722A. Banking town Redding.
Stone—E. S. Billingfeldt.

ADRIAN, Armstrong Co. Pop. 89. Ry. East Brady, 130. Banking town Kittanning.
B.Coal—Bell, Lewis & Yates Coal Mining Co.

AGNEW, Beaver Co. Ry. 638. Banking town Freedom.
Slate—Brown & Halesinger.
Stone—Chas. Cheney. Sandstone.

ALASKA, Northumberland Co. P.O. Mt. Carmel Ry. 672.
A.Coal—Philadelphia & Reading Coal and Iron Co., Philadelphia. Alaska mine; 190,000 tons; 175 days; 550 employes. Steam. Washer and breaker. John Veith, supt.

ALBURTIS, Lehigh Co. Pop. 1,123. M.O. Tel. Ry. 126A; 672. Banking town Allentown.
Stone—Jones Acker.
Iron—Geo. Albright.
Iron—Butz Bros. & Licktenwalmer.
Iron—John S. Butz.
Stone—A. Dankel. Limestone.
Iron—Geo. G. Greese.
Iron—Chas. Laurence.
Iron—Frank Lichtenwalner.
Iron—Peter Wetzel.
Iron—C. Weiler & Bro.

ALDEN STATION, Luzerne Co. M. O. Tel. Ry. 133. Banking town Wilkes-Barre.
A.Coal—Alden Coal Co.

ALEXANDRIA, Huntingdon Co. Pop. 438. M.O. Ry. Barre Forge, 660. Banking town Huntingdon.
Stone—H. J. McAteer, Main st. W. W. H. McElroy, gen. mgr. Limestone quarry at Union Furnace.

ALGA, Cumberland Co. Ry. name Starners, 672. Banking town Carlisle.
Iron—A. Greenebaum.
Iron—Isaac Greenebaum.
Iron—J. D. Gulden.

ALIQUIPPA, Beaver Co. M.O. Tel. Ry. 681.
Roll.M.—Aliquippa Steel Co., 512 Times Bldg., Pittsburg. Aliquippa Mills. Fifteen ton open hearth, 36 pot and 24 pot crucible furnaces. Two trains rolls; 1 18-inch mill and 1 26-inch mill. Rolled and hammered steel; 300 days; 200 employes. Steam.
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ALLEGHENY, Allegheny Co. Pop. 105,287. M.O. Tel. Ry. 14A; 660; 688; 683.
Coal-Lm.—Allegheny Coal & Lime Co.
Ch.Me.—J. M. Camp, 131 Rebecca st. Analytical chemist and metallurgist. Chemist of Duquesne Steel Works.
B.Coal—Corey Coal Co., 15 Brushtown ave. Duquesne mine; 55,000 tons; 112 days; 187 employes; steam. W. L. Dixon, mine supt.
Plas.—Fitzgerald Plaster Co., 24 Isabella st.
B.Coal—Hartley & Marshall, 900 W. Carson st.
Stone—Iron City Stone Co.
Roll.M.—Jennings Bros. & Co., Preble st. and Island avs. Rolling mill.
Roll.M.—Lindsay & McCutcheon, 88 Rebecca st. Rolling mill.
Stone—Uniform Stone Co.

ALLENPORT, Washington Co. Pop. 179. Tel. Ry. 660. Banking town Fayette City.
B.Coal—Wm. Beckworth.
B.Coal—Clipper Coal Co. Clipper mine; 55,000 tons; 200 days; 100 employes. Robert Jack, mine supt.
B.Coal—Robert Jack Co-operative Co.

ALLENTOWN, Lehigh Co. Pop. 25,228. M.O. Tel. Ry. 133; 465; 669; 672.
B.Fur.—Allentown Iron Co. Blast furnace.
Iron—Solomon Boyer.
Gran.—Clausner & Kepner. Granite.
Stone—Crim Bros.
B.Fur.—Lehigh Steel & Iron Co. Blast furnace.
Iron—Wm. B. Schaeffer
Stone—R. Schall.
Stone—Young Quarry Co.

ALLENWOOD, Union Co. Pop. 646. M.O. Tel. Ry. 672. Banking town Watsontown.
Iron—M. C. Tate.

ALMEDIA, Columbia Co. Ry. Espy, 244. Banking town Bloomsburg.
Stone—Selm Spring Quarry Co.

ALTOONA, Blair Co. Pop. 31,000. M.O. Tel. Ry. 18; 660.
B.Coal—Altoona Coal & Coke Co.
Roll.M.—Altoona Iron Co., Ninth av. and 30th St. John Fullerton, pres.; H. K. McCauley, secy., treas. and buyer. Cap. stk., $150,000 pd. up; 28 puddling and 4 heating furnaces; 4 trains rolls; 1 18-inch muck; 1 16-inch bar; 2 8-inch guide; 18,000 tons bar iron; 250 days; 150 employes. Steam.
B.Coal—Dougherty Coal Co., 1006 16th St. J. H. Dougherty, pres.; J. H. Derrson, secy. and treas. Mine at Dean.
B.Coal—East End Coal Co.

ALTOONA—Continued.
B.Coal—Evans & Bell.
B.Coal—Henrietta Coal Mining Co. Mine at Dunlo.
Stone—Levi Knott.
B.Coal—Richland Coal Co.
B.Coal—Lilly Coal Co., 17 Masonic Temple. H. J. Evans, treas.; Wm. Hahman, gen. mgr.; C. A. Hughes, supt. Capt., $35,000. Mine at Lilly.
B.Coal—Sonman Shaft Coal Co.
B.Coal—Standard Coal Co., 1st Nat. Bank Bldg. Chas. A. Hughes, treas.; R. J. Hughes, gen. mgr. Mine at Lilly.

AMSBRY, Cambria Co. Ry. 660. Banking town Ebensburg.
B.Coal—Cambria Coal-Coke Co.
B.Coal—Glenmore Coal Co.

ANANDALE, Butler Co. Pop. 147. Ry. 690. Banking town Slippery Rock.
C.Coal—Hamilton Cannel Coal Co.

ANNVILLE, Lebanon Co. Pop. 1,283. M.O. Tel. Ry. 672.
St.Lm.—M. F. Batdorf & Co. M. F. Batdorf, treas.; Wm. Beaver, gen. mgr. Annville quarry. Limestone, 30,000 tons. Limekilns.
Stone—J. W. Beaver. Limestone.
Stone—J. H. Black. Limestone.
Stone—Brightbill & Son. Limestone.
Stone—Joseph Kreider & Son. Limestone.
Stone—Maulfair & Forney. Limestone.

ANTRIM, Tioga Co. Pop. 1,850. M.O. Tel. Ry. 302. Banking town Wellsboro.
B.Coal—Fall Brook Coal Co. Antrim Nos. 1 and 5 mines; 135,000 tons; 147 days; 435 employes. Steam. James Pollock, mine supt.

APOLLO, Armstrong Co. Pop. 2,156. M.O. Tel. Ry. 660.
B.Coal—P. H. Laufman & Co.

AQUASHICOLA, Carbon Co. Pop. 297. Ry. Lehigh Gap, 133; 465. Banking town Slatington.
Slate—Black Diamond Slate Co.
Slate—G. R. Davis. Slate.

ARARAT, Susquehanna Co. Ry. Ararat Summit, 598. Banking town Susquehanna.
Stone—Hathaway, Putnam & Timplepaugh.

ARCHBALD, Lackawanna Co. Pop. 4,500. M.O. Tel. Ry. 243; 600. Banking town Carbondale.
A.Coal—Delaware & Hudson Canal Co., Scranton. White Oak mine. Slope and tunnels; 199,000 tons; 184 days; 452 employes. Steam. Breaker. Andrew F. Patten, mine supt.
A.Coal—Jones, Simpson & Co., Riverside Coal Co., Scranton. Riverside mine; 100,000 tons. Breaker. Steam.

ARDMORE, Montgomery Co. Pop. 2,205. M.O. Tel. Ry. 660.
Stone—Frank Manning.

ARNOT, Tioga Co. Pop. 644. M.O. Tel. Ry. 598. Banking town Blossburg.
B.Coal—Bloss Coal Co. Arnot Nos. 3, 4 and 5 mines; 195,000 tons; 156 days; 633 employes. Bear Run mine; 87,000 tons; 150 days; 243 employes. Steam. R. T. Dodson, mine supt.

ARTHURS, Clarion Co. Ry. 683. Banking town Clarion.
B.Coal—Baitte Coal Co.
B.Coal—Isaac Hicks. Local.

ASHLAND, Schuylkill Co. Pop. 7,346. M.O. Tel. Ry. 465; 672.
B.Coal—Jere Taylor & Co.

ASHVILLE, Cambria Co. Pop. 289. M.O. Tel. Ry. 660. Banking town Ebensburg.
B.Coal—Ashville Coal & Mining Co.

ATWOOD, Armstrong Co. Pop. 105. Banking town and Ry. Kittanning, 15.
B.Coal—C. McCausland.

AUBURN, Schuylkill Co. Pop. 880. M.O. Tel. Ry. 660; 672. Banking town Pottsville.
B.Fur.—J. M. Kaufman. Charcoal. One stack 33x8 ft. Capacity, 50 tons per week. (Not in blast.)

AUBURN FOUR CORNERS, Susquehanna Co. Pop. 95. Ry. Springville, 556. Banking town Montrose.
Stone—Lewis Lemon.

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AUDENRIED, Carbon Co. Pop. 3,847. M.O. Tel. Ry. 133; 465. Banking town Hazelton.
A.Coal—C. M. Dodson & Co.

AVOCA, Luzerne Co. Pop. 3,000. M.O. Tel. Ry. 133; 243; 289; 465. Banking town Scranton.
A.Coal—Avoca Coal Co., Ltd. C. C. Bowman, pres.; E. L. Bowman, secy. and treas.; W. H. Hollister, gen. mgr. and buyer. Avoca mine. Shaft, 200 ft.; 100,000 tons; 400 employes. Steam. Breaker.
A.Coal—Florence Coal Co.
A.Coal—Hillside Coal & Iron Co., Scranton. Consolidated shaft and slope; 105,500 tons; 159 days; 378 employes. W. A. May, mine supt.
A.Coal—Langcliffe Coal Co., Ltd., 400 Lackawanna ave., Scranton. Langcliffe mine. Shaft, 170 ft.; 120,000 tons; 212 days; 350 employes. Steam. Breaker. Operate 1 mile Ry., 1 locomotive. John Lovering, mine supt.
Stone—Seamans & Hollister.

AVONDALE, Chester Co. Pop. 769. M.O. Tel. Ry. 660; 675.
Stone—Avondale Lime & Stone Co., 2202 Chestnut St., Philadelphia. Glen quarries. Limestone and marble, 25,000 ft. Stone crusher, 175 yds. daily capacity.
Lime—Baker Lime Co. Limekilns.
Stone—A. G. Morris & Co. Limestone.
A.Coal—Reynolds & Moyer Coal Co., Ltd., Kingston. Chauncey mine. Tunnel, 350 ft.; 75,000 tons; 175 days; 125 employes. Steam. Coke ovens, 75,000 tons. Breaker. M. H. Corgan, M. E., mine supt.

AVONMORE, Westmoreland Co. M.O. Ry. 660.
B.Coal—Avonmore Coal Co.

BAINBRIDGE, Lancaster Co. Pop. 652. M.O. Ry. 660. Banking town Marietta.
Lime—Caldwell & Haldeman.

BAKERS LANDING, Beaver Co. Pop. 109. Ry. name South Monaca, 681. Banking town Rochester.
Stone—John Brooks.
Stone—John Cain.
Stone—Amos Ewing.
Stone—Hiram Hicks.
B.Coal—David Hickathorne. (Local.)
Stone—A. T. McCullough.

BAKERSVILLE, Somerset Co. Pop. 198. Banking town and Ry. Somerset, 49.
B.Coal—E. J. Baker. (Local.)
B.Coal—Robert T. Hull. (Local.)
B.Coal—John Nair. (Local.)
B.Coal—F. Shanlis. (Local.)

BALDWIN, Butler Co. M.O. Ry. Petrolia, 683. Banking town Chicora.
B.Coal—Frank Stevio.

BALLIETT, Venango Co. Banking town and Ry. Franklin, 15; 451; 598; 929.
B.Coal—T. J. Bird. (Local.)

BALLIETTSVILLE, Lehigh Co. Pop. 119. Ry. name Balliets, 395A. Banking town Allentown.
Iron—Aaron Balliett.
Iron—P. F. Brown.
Iron—S. A. Brown.

BANGOR, Northampton Co. Pop. 2,509. M.O. Tel. Ry. 59; 133.
Slate—Acme Slate Co. John W. Underhill, pres.; J. R. Loder, v. pres.; H. I. Underhill, secy. and treas.; W. A. Winsboro, buyer and gen. mgr. Cap. stk., $150,000; $97,000 pd. up. Roofing slate; 260 days; 140 employes. Slate mill, 400 ft. daily capacity. Steam.
Slate—American-Bangor Slate Co. J. E. Long, secy. Roofing slate; 15,000 squares; 280 days; 120 employes. Steam.
Slate—Auld, Conger & Co. Bangor Union quarry. Roofing slate. 160 squares daily; 260 days; 170 employes. Steam. W. E. Lloyd, quarry supt.
Slate—Bangor Central Slate Co.
Slate—Bangor Co-operative Slate Works.
Slate—Bangor Excelsior Slate Co.
Slate—Bangor Fidelity Slate Co.
Slate—Bangor Royal Slate Co.
Slate—Bangor Southern Slate Co., Ltd.
Slate—Bangor Superior Slate Co.
Slate—Bangor Union Slate Co.
Slate—R. S. Brown.
Slate—Columbia Bangor Slate Co. (Partnership.) 20,000 squares.
Slate—Empire Slate Manufacturing Co.
Slate—Grand Central Slate Quarry.
Slate—Hyatt School Slate Co., Ltd., Bethlehem.
Slate—J. Keath & Co. (Slate.)
Slate—M. J. Keck & Co. (Slate.)

BANGOR—Continued.
Slate—Midvale Slate Co. Dr. J. S. Wentz, pres.; Chas. Shuman, v. pres.; L. L. Hodge, secy. and treas.; W. A. Winslow, gen. mgr. and buyer. Midvale quarry. 40,000 ft.; 250 days; 50 employes. Steam.
Slate—Monarch Slate Co.
Slate—Neff & Houck. Slate.
Slate—New York Slate Co.
Slate—North Bangor Slate Co., Newark, N. J.
Slate—Northampton Slate Co. Samuel Flory, pres.; E. H. Albertson, secy.
Slate—Old Bangor Slate Co., Bethlehem. Old Bangor quarry. Steam.
Slate—Reliance Slate Co. Slate mill. Steam.
Slate—John W. Sayre & Co. Slate.
Slate—R. P. Schoonover & Co. Slate.
Slate—United States Slate Co. F. M. Lesher, pres.; E. R. Armstrong, secy., treas., gen. mgr. and buyer. Cap. $60,000. United States quarry. 25,000 squares.
Slate—West Bangor Slate Co.
Slate—Williams Bros. Slate.
Slate—Hiram Wise. Slate.

BANKSVILLE, Allegheny Co. Pop. 3,137. Ry. 473a. Banking town Pittsburg.
B Coal—Gregg & Wildman.
B.Coal—Hartley & Marshall, W. Carson St., Pittsburg. Enterprise mine. Drift. 250,000 tons; 250 days; 320 employes. Steam. Washer. John Johnson, mine supt.
B.Coal—Roger Waitley. (Local.)

BARCLAY, Bedford Co. P.O. Hyndman. Ry. 660.
A.Coal—Towanda Coal Co.

BARKER, Delaware Co. Ry. name Felton, 49. Banking town Chester.
Stone—Samuel Miller.

BARNSBORO, Cambria Co. Tel. Ry. 660.
B.Coal—Auneston Coal Co.
B.Coal—Cymbria Coal Co. Cymbria mine. 40,000 tons; 105 days; 90 employes. E. R. Musser, mine supt.

BARRY, Schuylkill Co. Pop. 467. Ry. Gordon, 672. Banking town Ashland.
A.Coal—Jno. Tobias.

BATH, Northampton Co. Pop. 723. M.O. Tel. Ry. 133. Banking town Bethlehem.
Slate—Chester Slate Co., Easton. Chester quarry. 6,500 squares; 225 days; 40 employes. Steam. Wm. Miller, quarry supt.

BAXTER, Jefferson Co. Pop. 125. Ry. 15. Banking town Brookville.
B.Coal—Jno. Brosins. (Local.)
B.Coal—Geo. Winters. (Local.)

BEADLING, Allegheny Co. Ry. 685.
B.Coal—Beadling Bros. Harrison mine. Slope. Steam.

BEALLSVILLE, Washington Co. Pop. 360. M.O. Tel. Ry. West Brownsville, 660.
B.Coal—Henry Smith. (Local.)

BEARTOWN, Lancaster Co. Pop. 162. Ry. 660. Banking town Honeybrook.
Iron—Jos. Arters.

BEAVER, Beaver Co. Pop. 1,552. M.O. Tel. Ry. 201a and 681.
B.Coal—Butts Cannel Coal Co. Butts mine. 17,000 tons; 220 days; 44 employes. Steam. George Gould, mine supt.
F.Clay—Monongahela Fire Clay Co.

BEAVER FALLS, Beaver Co. Pop. 9,735. M.O. Tel. Ry. 668; 681.
Roll.M.—Beaver Falls Steel Works. Rolling mill.
B.Coal—James Clayton. Beaver Falls mine. Drift. Horse. Coke ovens.
B.Coal—W. F. Clayton. (Local.)
Stone—E. W. Liebendorfer.
B.Coal—H. M. Meyers & Co.
B.Coal—Watson Bros. (Local.)

BEAVER MEADOW, McKean Co. P.O. Mount Jewett. Ry. 562. Banking town Hazelton.
A.Coal—Cross Creek Coal Co., Drifton. Beaver Meadow mine. 110,000 tons; 200 days; 420 employes. Steam. Breaker. John Rohland, supt.
A.Coal—Evans Mining Co.

BEECH CREEK, Clinton Co. Pop. 437. M.O. Tel. Ry. 63. Banking town Lock Haven.
A.Coal—J. Merrey. (Local.)

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BEECHMONT, Allegheny Co. P.O. Federal. Ry. 685.
B.Coal—Beechmont Coal Co. (Partnership.) Slope. 50,000 tons; 250 days; 125 employes. Steam.

BEECHTREE, Jefferson Co. Pop. 850. M.O. Ry. 98. Banking town Brockwayville.
B.Coal-Iron—Rochester & Pittsburg Coal & Iron Co., Rochester, N. Y.

BELFAST, Northampton Co. Pop. 378. Ry. 54. Banking town Easton.
Slate—Hard Vein Slate Co.
Slate—Hughes Slate Co.
Slate—G. Frank Messinger, Tatamy. Belfast Hard Vein quarry. Open pit. Steam.
Slate—Northampton Hard Vein Slate Co., 700 Walnut St., Easton. Roofing slate. 8,000 squares; 220 days; 50 employes. Steam. A. E. Stetler, quarry supt.
Slate—Pennsylvania Hard Vein Slate Co., Easton. Pennsylvania Hard Vein quarry. Open pit. 350,000 tons; 30 employes.
Slate—Portland Slate Co. Roofing slate. Steam.
Slate—Theo. Whitesell & Co., Easton. Roofing slate. 3,500 squares; 200 days; 20 employes. Steam. E. P. Laub, quarry supt.

BELKNAP, Armstrong Co. Pop. 193. Banking town and Ry. Kittanning, 130.
B.Coal—J. Bowser. (Local.)
B.Coal—G. H. Clever. (Local.)
B.Coal—J. A. Rupp. (Local.)

BELLBRIDGE, Allegheny Co. Ry. 681.
B.Coal—Bell Bridge Coal Co.

BELLEFONTE, Center Co. Pop. 3,946. M.O. Tel. Ry. 65; 134; 660.
B.Fur.—Bellefonte Furnace Co. Blast furnace.
B.Coal—Berwind-White Coal Mining Co., Betz Bldg., Philadelphia. Cataract mine. A. J. Cook, mine supt.
B.Coal—Cato Mining Co.
B.Coal—Central Coal Co.
B.Coal—A. J. Cook. (Local.)
Roll.M.—Jenkins Bros. & Lingle. Rolling mill.
B.Coal—Queen City Coal Co.
B.Fur.—Thos. Shoemaker & Co. Blast furnace.
R.M.Fur.—Valentine Iron Co. Rolling mill and blast furnace.

BELLEMONTE, Lancaster Co. Pop. 50. Ry. Leaman Place, 660; 853. Banking town Lancaster.
Stone—Geo. D. McIlvaine. Limestone quarry and kilns at Lancaster.

BELLE VERNON, Fayette Co. Pop. 3,000. M.O. Tel. Ry. 681.
B.Coal—Belle Ridge Coal Co.
B.Coal—J. H. Somers Fuel Co., 521 Cuyahoga Bldg., Cleveland, O. Cleveland mine. Drift, 4,500 ft.; 180,000 tons; 230 days; 120 employes. Electricity. W. P. Bates, mine supt.
B.Coal—J. A. Wood & Son. Tremont mine. 80,000 tons; 154 days; 90 employes. Steam. S. B. Graham, mine supt.

BELLWOOD, Blair Co. Pop., 1,146. M.O. Tel. Ry. 660; 662.
B.Coal—Bellwood Coal Co.
B.Coal—Great Bend Coal Co. No. 2 and 4 mines. Tunnel. Steam.

BENNETT, Allegheny Co. Pop. 3,809. M.O. Tel. Ry. 660; 683. Banking town Pittsburg.
Roll.M.—Millvalle Iron Co. Rolling mill.

BENNINGTON FURNACE, Blair Co. Pop. 1,604. Ry. 660. Banking town Altoona.
B.Coal—Beach Grove Coal & Coke Co.
Iron-C.—Blair Iron & Coal Co.

BENORE, Center Co. M.O. Ry. Scotia, 660. Banking town Tyrone.
Iron—Camgie Bros. & Co.
Iron—Collins Bros.

BERLIN, Somerset Co. Pop. 912. M.O. Tel. Ry. 49.
B.Coal—Berlin Mining Co. Standard mine. 5,000 tons; 116 days; 10 employes. Herman Floto, mine supt.
B.Coal—B. D. Morgan & Co. Berlin mine. Open pit.
B.Coal—J. O. Stoner. (Local.)

BERLINSVILLE, Northampton Co. Pop. 472. Ry. 464. Banking town Slatington.
Slate—Beck, Shoemaker & Roberts. Slate.
Slate—Caskey & Emack. Slate.

BESSEMER, Lawrence Co. Ry. Edinburg, 681.
Stone—Bessemer Limestone Co., Second Nat. Bank Bldg., Youngstown, Ohio. Bessemer quarry. Limestone. 225,000 gross tons; 150 employes. Operate one locomotive. Henry Bouesein, quarry supt.

BETHAYERS, Montgomery Co. M.O. Tel. Ry. 672. Banking town Jenkintown.
Stone—J. L. Hallowell.

BETHLEHEM, Northampton Co. Pop. 6,772. M.O. Tel. Ry. 133; 465; 672.
Slate—Bangor School Slate Co.
Min.P.—E. C. Boutelle. Mineral paint. Red hematite and ochre. Open pit and shaft. Horse.
Min.P.—Harry Erwin. Mineral paint.
Hyatt School Slate Co., Ltd. Quarry at Bangor.
Slate—J. T. Jeter & Co. Slate.
A.Coal—G. H. Meyers & Co.
Slate—Old Bargor Slate Co. Quarry at Bangor.
Gran.—Rock Hill Granite Co. Granite.
Slate—Ryan Slate Co.
L.Z.—Sadtler Lead & Zinc Co.

BIGCOVE TANNERY, Fulton Co. Pop. 85. Ry. Ft. Loudon, 235. Banking town McConnellsburg.
B.Coal—Graham Oil Co.

BIGPOND, Bradford Co. Pop. 180. Banking town and Ry. Troy, 613.
Stone—Wm. Leonard.

BIRDSBORO, Berks Co. Pop. 2,261. M.O. Tel. Ry. 660; 946.
R.M.Fur—E. & G. Brooke Iron Co. Rolling mill and blast furnace.
Stone—James Humphreys. Hampton quarry. Brownstone. Open pit.

BIRMINGHAM, Huntingdon Co. Pop. 225. M.O. Tel. Ry. 660. Banking town Tyrone.
Stone—Cambria Iron Co. Birmingham quarry. Limestone. Steam.
Stone—W. M. Holmes. Limestone.
Stone—Holmes & Stevens. Limestone.

BITUMEN Clinton Co. M.O. Tel. Ry. Cooks Run, 660. Banking town Renovo.
B.Coal—Kettle Creek Coal Mining Co., 34 W. 4th St., Williamsport. Kent Cristo mine. Semi-bituminous coal. Drift. 150,000 tons; 200 days; 180 employes. Operate 1¼ miles of Ry., 2 locomotives, 3 cars. Geo. L. Miller, M.E., mine supt.
C.M.E.—Geo. L. Miller, Civil and Mining Engineer.

BLACK WALNUT, Wyoming Co. P.O. Skinners Eddy. Ry. 465.
Stone—Wyoming Bluestone Co. Bluestone.

BLACKWOOD, Schuylkill Co. Tel. Ry. 465; 666; 672. Banking town Minersville.
A.Coal—Lehigh Valley Coal Co. Blackwood mine. 68,000 tons; 115 days; 280 employes. Steam. Breaker. W. A. Lathrop, supt.

BLAIR, Allegheny Co. P.O. Blairs Station. Ry. 660.
B.Coal—Gumbert & Huey. (Local.)

BLAIRSVILLE, Indiana Co. Pop. 4,000. M.O. Tel. Ry. 660.
Roll.M.—Blairsville Rolling Mill Co.
B.Coal—Indiana Coal Co. Mitchell mine. Shaft. 10,000 tons; 180 days; 20 employes. Jacob Graff, mine supt.
B.Coal—Indiana Coal & Coke Co. Graff mine. 30,000 tons; 290 days; 30 employes. Jacob Graff, mine supt.
B.Coal—Isabella Furnace Co. Isabella Furnace mine. 89,000 tons; 168 days; 234 employes. Steam. W. C. Grist, mine supt.
B.Coal—Maher Coal & Coke Co. Maher Nos. 1 and 2 mines. 64,000 tons; 290 days; 55 employes. Thomas Maher, mine supt.
B.Coal—Robert Smith. Smith's mine. 30,000 tons; 275 days; 25 employes. Roy Gerard, mine supt.
B Coal—J. M. Turner. Turner mine. 25,000 tons; 300 days; 26 employes.
Stone—Annie M. Wilson. Feldman quarry. Building stone.

BLANCO, Armstrong Co. Pop. 60. Banking town and Ry. Kittanning, 660.
B.Coal—Shetler & Rearick. (Local.)

BLOOMINGTON, Clearfield Co. Pop. 40. Banking town and Ry. Curwensville, 660.
B.Coal—James Norris. (Local.)

BLOOMSBURG, Columbia Co. Pop. 5,000. M.O. Tel. Ry. 672; 722a.
B.Fur.—Bloomsburg Iron Co. Blast furnace.
B.Fur.—Wm. Neal & Sons. Blast furnace.

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BLOSSBURG, Tioga Co. Pop. 2,540. M.O. Tel. Ry. 598.
B.Coal—Jacob Jones. (Local.)

BLYTHEDALE, Allegheny Co. M.O. Ry. 681 Banking town West Newton.
B.Coal—Douglas Coal Co.

BOILING SPRINGS, Cumberland Co. Pop. 600. M.O. Tel. Ry. 672.
B.Fur—Boiling Springs Iron Co. Mount Holly, Letcher, Ege, Lehman, Henry Clay, Springer, Peck and Arnold mines. Hematite ore. Steam. Blast furnace.
Stone—Brechbill & Webbert.
Iron—J. C. Bucher.
Stone—A. M. Leidich.
Iron—Philadelphia & Reading Coal & Iron Co., 227 S. 4th St., Philadelphia. Cumberland mine. Brown hematite ore. Steam.
Iron—South Side Iron Co.

BOONE, Somerset Co. Ry. Berlin, 49. Banking town Somerset.
B.Coal—W. J. Glessner. (Local.)

BOWERS STATION, Berks Co. Pop. 198. M.O. Tel. Ry. 672. Banking town Reading.
Min.P.—J. R. Clair. Mineral paint.
Iron—Schweyer & Liess.

BOWMANSDALE, Cumberland Co. Pop. 246. M.O. Ry. 672. Banking town Mechanicsburg.
Lime—Jos. Crowl.
Iron—Prince Manufacturing Co. Prince mine. Magnetic ore. Shaft, tunnel. Paint mills and kiln. Steam.

BOYERTOWN, Berks Co. Pop. 4,136. M.O. Tel. Ry. 672.
Iron—E. & G. Brooke Iron Co. Boyertown mine. Magnetic.

BRADDOCK, Allegheny Co. Pop. 8,561. M.O. Tel. Ry. 49; 660; 681.
B.Coal—B. Braznel. (Local.)
Stone—Jos. Martin.
B.Coal—New York & Cleveland Coal Co.
Stone—A. C. Weaver & Co.

BRADENVILLE, Westmoreland Co. Pop. 1,126. M.O. Tel. Ry. 660. Banking town Derry Station.
B.Coal—Davis, Preston & Co.
B.Coal—St. Clair Coal & Coke Co., Ltd. St. Clair mine. 41,000 tons; 133 days; 102 employes. Steam. M. A. Preston, mine supt.

BRADFORD, McKean Co. Pop. 10,514. M.O. Tel. Ry. 85; 98; 590; 929.
Shale—National Brick & Tile Co. Lewis Run quarry. Red shale.
C.E.—John A. Seymour, Civil Engineer, 66 Main St.

BRADY'S BEND, Armstrong Co. M.O. Banking town and Ry. East Brady, 130.
B.Coal—John Barr. (Local.)
B.Coal—John Bowen. (Local.)

BRANCHDALE, Schuylkill Co. Pop. 815. Tel. Ry. 672. Banking town Minersville.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Otto mine. 147,000 tons; 196 days; 560 employes. Steam. Breaker. R. C. Luther, supt.

BREINIGSVILLE, Lehigh Co. Pop. 513. Ry. 126a. Banking town Allentown.
Iron—P. Moats.

BRIDGEPORT, Montgomery Co. Pop. 2,651. M.O. Tel. Ry. 672. Banking town Norristown.
Stone—Wm. P. David & Co. Limestone.
Marb.—Henderson Marble Co.
Stone—R. McCoy & Co. Limestone.
St.Lm.—Wm. B. Rambo. Limestone. Lime kilns. 400,000 bu. lime; 240 days; 50 employes. Horse and steam.

BRIDGEVILLE, Allegheny Co. Pop. 501. M.O. Tel. Ry. 686. Banking town Mansfield Valley.
B.Coal—Gilfillan Black Diamond Co., 77 Fidelity Bldg., Pittsburg. 28 employes.
B.Coal—Pittsburg & North Western Coal Co.
B.Coal—Slope Mine Coal Co. W. J. Morgan, gen. mgr. Cap. stk. $50,000 pd. up. Slope mines. 60,000 tons; 200 days; 100 employes. Steam.

BRINKERTON, Clarion Co. Pop. 49. Ry. New Bethlehem, 130. Banking town Clarion.
B.Coal—T. M. Divins. (Local.)
B.Coal—Jas. Woodrow. (Local.)

BRISBIN, Clearfield Co. Pop. 2,178. M.O. Ry. 660. Banking town Houtzdale.
B.Coal—M. F. Craig. (Local.)
B.Coal—Delaney & Gould.
B.Coal—A. P. Isenburg. (Local.)
B.Coal—Leonard & Craig. Sterling No. 2 mine. Drift. Steam.
B.Coal—John Maurice & Son. Ferndale mine. Open pit. Horse.

BROADFORD, Fayette Co. Pop. 600. M.O. Tel. Ry. 49; 681. Banking town Connellsville.
A.Coal—Laughlin & Co.

BROAD MOUNTAIN, Schuylkill Co. Ry. 672. Banking town Pottsville.
A.Coal—J. H. Davis.

BROADTOP, Huntingdon Co. Pop. 240. Ry. Robertsdale, 272. Banking town Huntingdon.
B.Coal—E. Eichelberger. Fisher mine. Tunnel. Horse.

BRODBECKS, York Co. Pop. 69. Ry. Green Ridge, 928. Banking town York.
Slate—John Lewis. Llanveris quarry. Slate. Open pit.
Stone—Wm. McKinney.

BROWNFIELD, Fayette Co. M.O. Ry. 660. Banking town Uniontown.
B.Coal—H. C. Frick Coke Co. Redstone mine. 190,000 tons; 229 days; 371 employes. Steam. Leo Bullion, mine supt.

BROWNSVILLE, Fayette Co. Pop. 1,714. M.O. Tel. Ry. 660.
B.Coal—Brownsville Coal Co. Chamouni mine. 25,000 tons; 170 employes. Steam. W. C. Fishburn, mine supt.
B.Coal—Dunlap Coal Co. Dunlap mine. 890 tons; 9 employes. Steam. Moses Ramage, mine supt.
B.Coal—Knob Coal Co. Knob mine. 102,000 tons; 188 days; 217 employes. Steam. S. H. Pearsoll, mine supt.
A.Coal—Lehigh Valley Coal Co., Philadelphia. Packer No. 2 mine. 170,000 tons; 160 days; 400 employes. Steam. Col. D. P. Brown, supt.
B.Coal—Pittsburg & Belle Vernon Coal Co. Climax mine. 81,000 tons; 175 employes. Steam. John Owens, mine supt.
B.Coal—C. L. Snowden & Co. Umpire mine. 28,000 tons; 96 days; 175 employes. Steam. J. D. Simpson, mine supt.
B.Coal—Snowden, Gould & Co. Albany mine. 36,000 tons; 69 days; 173 employes. Steam. William Seddon, mine supt.
B.Coal—Snowden & Hogg.

BUCKHORN, Columbia Co. Pop. 183. Banking town and Ry. Bloomsburg, 77; 244; 672.
A.Coal—Seth Shoemaker. (Local.)

BUCK MOUNTAIN, Schuylkill Co. Tel. Ry. 465; 660; 672. Banking town Mahanoy City.
A.Coal—Mill Creek Coal Co., Mauch Chunk. Buck Mountain mine. Slope. 135,000 tons; 150 days; 300 employes. Breaker.

BUCKSTOWN, Somerset Co. Pop. 70. Ry. Stoyestown, 49. Banking town Somerset.
B.Coal—Geo. Grove. (Local.)

BUENAVISTA, Allegheny Co. Pop. 672. M.O. Tel. Ry. 49; 681. Banking town McKeesport.
B.Coal—J. W. Painter Coal Co.
B.Coal—Frank Patterson. (Local.)
B.Coal—Youghiogheny River Coal Co. Erie Ocean No. 4 mine. Drift. 2,500 ft.; 60,000 tons; 80 days; 263 employes. J. F. Hosack, mine supt.

BUNOLA, Allegheny Co. Pop. 526. Tel. Ry. 681. Banking town Monongahela.
B.Coal—O'Neil & Peterson. Bunola mine. 55,000 tons; 120 days; 155 employes. Steam. G. W. Peterson, mine supt.

BUTLER, Butler Co. Pop. 8,734. M.O. Tel. Ry. 660; 683; 690.
B.Coal—Butler Chemical Co.

CALCIUM, Berks Co. Ry. name Maiden Creek, 672. Banking town Reading.
Stone—Kline & Hoffman. Limestone.

CALIFORNIA, Washington Co. Pop. 2,000. M.O. Tel. Ry. 660.
B.Coal—Bartia Basenttes. Cedar Hill mine. 40,000 tons; 185 days; 34 employes.
B.Coal—Belle Vernon Coal Co.
B.Coal—California Coal Co., 3d and Wood Sts. T. M. Jenkins, pres.; Robt. Jenkins, v. pres.; L. Z. Birmingham, secy. and buyer; J. W. Ailes, treas. and gen. mgr. Cap. stk. $50,000 pd. up. Vigilant mine. Slope. 26,408 tons; 250 days; 200 employes. Steam. J. H. Powell, mine supt. Crescent mine. Slope. 22,020 tons; 240 days; 180 employes. Steam. Robt. J. Gregg, mine supt.
B.Coal—Cedar Hill Coal Co. Cedar Hill mine. Tunnel. Horse.
B.Coal—John H. Dixon. Stony Hill mine. 70,000 tons; 125 days; 145 employes. Steam. John M. Dixon, mine supt.
B.Coal—T. M. Jenkins & Co., 335 Water St., Pittsburg. Vigilant & Crescent mines. Slope. 300,000 tons; 250 days. Steam. Two miles of Ry., 250 cars; 4 tow boats.
B.Coal—Vesta Coal Co. Vesta No. 1 mine. 230,000 tons; 200 days; 155 employes. Vesta No. 2. 52,000 tons; 80 days; 80 employes. Vesta No. 3. 16,000 tons; 50 days; 88 employes. Steam. R B. Drum, mine supt.

CALUMET, Westmoreland Co. M.O. Ry. 660. Banking town Greensburg.
B.Coal—Calumet Coke Co. Calumet mine. 132,000 tons; 221 days; 251 employes. Steam. S. M. Hawkins, mine supt.

CAMARGO, Lancaster Co. Pop. 60. Ry. New Providence, 457. Banking town Quarryville.
Iron—Robt. Coleman.

CAMDEN, Allegheny Co. Pop. 290. M.O. Ry. 660. Banking town McKeesport.
B.Coal—Bailey, Wilson & Co. Aliquippa mine. 125,000 tons; 140 days; 285 employes. Steam. W. W. Wilson, mine supt.
B.Coal—George Lysle Sons. Camden mine. 70,000 tons; 150 days; 308 employes. Steam. B. M. Thomas, mine supt.
B.Coal—S. C. Snodgrass. Rock Run mine. 75,000 tons; 145 days; 186 employes. James Henderson, mine supt.

CAMERON, Cameron Co. Pop. 300. M.O. Tel. Ry. 660. Banking town Emporium.
B.Coal—Cameron Iron & Coal Co.
Coal-I.—Sinnemahoning Iron & Coal Co. Tunnel. Steam. Washer. Coke ovens.

CANADENSIS, Monroe Co. Pop. 170. M.O. Ry. Cresco, 244. Banking town Stroudsburg.
Stone—Wm. Smith.

CANNELTON, Beaver Co. Pop. 200. Tel. Ry. 689. Banking town Rochester.
C.Coal—Butts Cannel Coal Co. H. C. Kirby, pres.; I. C. Goff, secy. and treas.. Cap. stk. $25,000, $10,000 pd. up. Butts mine. Shaft. 25,000 tons; 200 days. 2 miles Ry.
B.Coal—J. F. Mansfield. (Local.)
B.Coal—Morgan Coal Co. Cannelton mine. 12,000 tons; 171 days; 33 employes. H. V. Sanor, mine supt.
B.Coal—Sterling Mining Co., New Lisbon, O. Sterling mine. Tunnel. Electricity.

CANOE RIDGE, Indiana Co. Ry. Glen Campbell, 660.
B.Coal—Clark Gaston. (Local.)
B.Coal—L. D. Gaston. (Local.)

CANONSBURG, Washington Co. Pop. 2,113. M.O. Tel. Ry. 686.
B.Coal—Canonsburg Coal Co., Ltd. Boon mine. Open pit. 50,000 tons; 167 days; 110 employes. Steam. E. T. Hetchman, mine supt.
B.Coal—J. W. H. Cook. (Local).
B.Coal—W. S. White. (Local.)

CARBON CENTER, Butler Co. Pop. 68. Tel. Ry. 683. Banking town Butler.
B.Coal—Wm. Barnhart. (Local.)

CARBONDALE, Lackawanna Co. Pop. 10,833. M.O. Tel. Ry. 243; 600; 598.
Stone—Connor & Becker.
Stone—Ira Cox.
A.Coal—Delaware & Hudson Canal Co. Scranton, Clinton and Powderly slopes. Coal Brook, Wilson Creek and Racket Brook tunnels, and Carbondale Nos. 1 and 3 shafts. 600,000 tons; 170 days; 1,800 employes. Breakers. Steam. Wm. Bowers, mine supt.
A.Coal—Frisbie, Blanchard & Co.
A.Coal—Northwest Coal Co., Scranton. Northwest mine. Slope. Steam.
A.Coal—Stroud & Chamberlain, Ontario and Belmont mines. Slope, tunnel. Steam.
A.Coal—Wm. P. Williams. Tunnel. Breaker. (Local.)

CARLISLE, Cumberland Co. Pop. 7,623. M.O. Tel. Ry. 235; 672.
Iron—Carlisle Mining & Paint Co.

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CARNEGIE, Allegheny Co. M.O. Tel. Ry. 685; 686.
B.Coal—Mansfield Coal & Coke Co.
B.Coal—W. L. Scott Co., Erie. Great mine. Tunnel. 50,000 tons.

CARROLLTOWN, Cambria Co. Pop. 634. M.O. Ry. name Carrolltown Road, 660.
B.Coal—Elmora Coal Co.

CARTWRIGHT, Elk Co. M. O. Ry. 598. Banking town Brockwayville.
B.Coal—Noble Coal Co.
B.Coal—Shawmut Coal Co.

CASSANDRA, Cambria Co. M.O. Ry. 660. Banking town Ebensburg.
B.Coal—Chas. Huess. (Local.)
B.Coal—Robt. Huess. (Local.)
B.Coal—J. C. Shoemaker. (Local.)
B.Coal—Sonman Shaft Co.
B.Coal—W. H. Tipper. (Local.)

CASSELMAN, Somerset Co. Pop. 112. Ry. 49. Banking town Somerset.
B.Coal—D. S. Cupp. (Local.)
Stone—W. S. Harrah.
Stone—Jacob Hostetter.

CASSVILLE, Huntingdon Co. Pop. 185. M.O. Ry. Mill Creek, 660.
B.Coal—George Sluman. (Local.)

CASTLE FIN, York Co. Pop. 114. Ry. 963. Banking town York.
Slate—Whiteford & McLaughlin. Slate.

CATASAUQUA, Lehigh Co. Pop. 3,704. M.O. Tel. Ry. 126a; 133; 465.
Stone—Samuel Bile.
Roll.M.—Bryden Horse Shoe Co. Rolling mill.
Roll.M.—Catasauqua Manufacturing Co. Rolling mill.
Cemt.—Hercules Cement Co. John Craig, pres.; V. W. Weaver, v. pres.; E. D. Boyer, secy., gen. mgr. and buyer; J. T. Willions, treas. Cap. stk. $75,000 pd. up. Quarry and mill at Whitehall.

CATFISH, Clarion Co. Pop. 168. P.O. Catfish. Ry. 130. Banking town Rimersburg.
B.Coal—Catfish Run Coal Co. Catfish Run mine. 12,000 tons; 115 days; 48 employes. Charles J. Tighe, mine supt.
B.Coal—Pittsburg Coal & Mining Co.

CENTERHILL, Center Co. Pop. 124. Ry. Centerhall, 660. Banking town North Bloomfield.
Iron—Pennsylvania Valley Mining Co.

CENTRALIA, Columbia Co. Pop. 2,761. M.O. Tel. Ry. 465. Banking town Ashland.
A.Coal—Lentz, Lilly & Co.
A.Coal—Lehigh Valley Coal Co., Philadelphia. Continental mine.
A.Coal—Isaac May & Co.
Philadelphia & Reading Coal & Iron Co., Philadelphia. North Ashland mine. Steam. Breaker and washer.
Louis A. Riley & Co., Philadelphia.

CEYLON, Greene Co. Pop. 213. Ry. Rice's Landing. Banking town Waynesburg.
B.Coal—Chas. Thorn. (Local.)

CHAMBERSBURG, Franklin Co. Pop. 7,863. M.O. Tel. Ry. 139; 235; 928.
Stone—Isaac Kane.

CHAPMAN, Northampton Co. P.O. Chapman Quarries. Banking town Middleburg.
Slate—Chapman Slate Co. Wm. Chapman, pres. and treas.; M. L. Bohn, secy. and buyer; Richard Chapman, supt. Cap. stk. $399,300 pd up. Chapman quarries. Roofing slate, 20,000 squares; 300 days; 165 employes. Steam and water.

CHAPMAN QUARRIES, Northampton Co. Pop. 463. M.O. Tel. Ry. 133. Banking town Bethlehem.
Slate—Keystone Slate Co. Keystone quarry. Mill. Steam.

CHARLEROI, Washington Co. M.O. Tel. Ry. 660.
B.Coal—Charleroi Coal Co. Charleroi mine. 95,000 tons; 193 days; 140 employes. Steam. Jesse K. Johnston, mine supt.

CHARTIERS, Allegheny Co. Pop. 3,000. P.O. Carnegie. Ry. 689a; 681.
B.Coal—A. J. Shultz. (Local.)
B.Coal—W. J. Steen. O. I. C. mine. Open pit. Horse. (Local.)

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CHEAT HAVEN.
B.Coal—Cheat Haven Coal Co. Cheat Haven mine. 11,000 tons; 150 days; 15 employes. Chris. Echard, mine supt.

CHERRYVILLE, Northampton Co. Pop. 570. M.O. Ry. Treichlers, 133. Banking town Slatington.
Slate—Eagle Slate Co.
Slate—A. W. Lerch. Slate.

CHESTER, Delaware Co. Pop. 20,226. M.O. Tel. Ry. 49; 660; 672; 675.
Gran.—C. W. Andrew. Granite. Open pit.
Roll.M.—Combination Steel & Iron Co. Rolling mill.
Stone—A. O. & J. O. Jr., Deshong.
Roll.M.—Eureka Cast Steel Co. Rolling mill.
C.E.Sur.—W. H. Flaville, Civil Engineer and Surveyor, 9 W. 5th St.
Stone—Leiper & Lewis. Gneiss, granite. Horse, steam.
Roll.M.—Penn. Steel Cast & Machinery Co. Rolling mill.
Stone—H. L. Powell.
Roll.M.—Tidewater Steel Works. C. A. Weed, pres. and gen. mgr.; T. S. Weed, secy. and treas.; Cap. stk. $250,000 pd. up. 3 trains rolls, one 23-in., one 20-in. and one 12-in. (Idle.)

CHESTER VALLEY, Chester Co. Pop. 178. Ry. name Powellville, 660; 672. Banking town Malvern.
Stone—John Dyer.

CHESTNUT HILL, Philadelphia Co. M.O. Tel. Ry. 660; 672.
Stone—J. McCrea.

CHEWTON, Lawrence Co. Pop 415. Tel. Ry. 683. Banking town New Castle.
B.Coal—Kirkland, Fisher & Marshall.
Iron—Peter Tillia.
Iron—R. Trigg & Son.

CHICKIES, Lancaster Co. Pop. 534. M.O. Tel. Ry. 660; 672. Banking town Marietta.
B.Fur.—Chickies Iron Co. Blast Furnace.

CLARENCE, Center Co. M.O. Ry. name Snowshoe, 491a. Banking town Bellefonte.
B.Coal—Holt & Buck.
B.Coal—Weymouth Hopkins. (Local.)

CLARIDGE, Westmoreland Co. M.O. Ry. 660. Banking town Irwin.
B.Coal—Manor Gas Coal Co. Denmark mine. 110,000 tons, 162 days; 196 employes. Steam. A. P. Cameron, mine supt.

CLARKSBURG, Indiana Co. Pop. 134. Ry. Saltsburg, 660.
B.Coal—Jos. Alms. (Local.)
B.Coal—Jos. Dinsmire. (Local.)
B.Coal—Silas Kelly. (Local.)
B.Coal—T. C. Manners. (Local.)
B.Coal—A. Steffy. (Local.)

CLEARFIELD, Clearfield Co. Pop. 2,248. M.O. Tel. Ry. 63; 98; 660.
C.M.E.—Harry Byers, Civil and Mining Engineer. Reports on coal and fireclay properties in Clearfield county.
G.S.—Candice Mining & Milling Co. Gold and silver.
Stone—Clearfield Quarrying Co. W. W. Betts, pres.; Wm. Emery, v. pres. Cap. stk. $32,000 pd. up. Sandstone.
B.Coal—Niagara Coal Co., Ltd. Harry Byers, buyer. Mine at Houtzdale.

CLEARFIELD BRIDGE, Clearfield Co. Ry. 63.
B.Coal—Benj. G. Perks & Sons. Franklin mine. Open pit. Three drifts. (Developing.)

CLERMONT, McKean Co. Pop. 350. Ry. 929. Banking town Smethport.
B.Coal—Buffalo Coal Co., 257 Washington St. Buffalo, N. Y. Instanter mine. Drift. 30,000 tons. Steam. Operate 2 miles Ry., 2 locomotives. W. E. Butts, mine supt.

CLEVERSBURG, Cumberland Co. Pop. 186. Ry. name Cleversburg Junction, 672. Banking town Shippensburg.
Iron—P. A. Mowers.

COALBLUFF, Washington Co. Pop. 526. M.O. Tel. Ry. 660. Banking town Monongahela.
B.Coal—Courteney Coal Co.
B.Coal—Thomas Elliott. (Local.)
B.Coal—Gamble & Fisher.
B.Coal—Monongahela & Peters Creek Gas & Coal Co.
B.Coal—John M. Risher.

COAL CENTER, Washington Co. Pop. 569. M.O. Tel. Ry. 660. Banking town California.
B.Coal—David Bowdler & Son.
B.Coal—Jonas Crowthers. Crowthers mine. 3,000 tons; 15 employes. S. T. Crowthers, mine supt.
B.Coal—P. J. Forsyth & Co. Coal Center mine. 99,000 tons; 180 employes. Steam. P. J. Forsyth, mine supt.
B.Coal—Globe Coal Co.

COALDALE, Schuylkill Co. Pop. 1,849. M.O. Tel. Ry. 133. Banking town Tamaqua.
B.Coal—David Fluke. Elmira mine. Open pit. Horse. (Local.)
Lehigh Coal & Navigation Co., New York. Lehigh mines No. 8, 9, 10, 11, 12. Steam. Breaker.

COALGLEN, Jefferson Co. M.O. Ry. 98. Banking town Brockwayville.
B.Coal—Jefferson Coal Co.

COALHILL, Venango Co. Pop. 180. Tel. Banking town and Ry. Oil City, 130; 451; 598; 929.
B.Coal—S. Anderson. (Local.)

COALMONT, Huntingdon Co. Pop. 219. Ry. 379. Banking town Huntingdon.
B.Coal—D. H. Hanawalt. (Local.)
B.Coal—J. H. Hickes. Hickes mine. Tunnel. Horse.

COALPORT, Clearfield Co. Pop. 855. M.O. Ry. 660; 662. Banking town Hastings.
B.Coal—Ashland Coal Co.
B.Coal—J. E. Bell. (Local.)
B.Coal—Samuel Hegarty, Main St. Wade W. Hegarty, M.E., gen. mgr., buyer and mine supt. Cap. $5,000. Oakland No. 3 mine. Tunnel, 1,000 ft. Horse. Oakland No. 2 mine. L. Gardner, mine supt.
B.Coal—W. W. Hegarty, M.E. Oakland No. 3 mine. Tunnel. 200 tons daily capacity; 25 employes. Horse.
B.Coal—Irvona Coal Co., 1326 Chestnut St., Philadelphia. Irvona No. 1, 2, 3 and 4 mines. Slope. 100,000 tons; 100 employes. Steam. Eighty coke ovens, 40,000 tons.
A.Coal—S. J. Mitchell. (Local.)

COALRUN, Somerset Co. Ry. Boynton, 49. Banking town, Elk Lick.
B.Coal—Cumberland Coal Mining Co.

COALTOWN, Butler Co. Ry. 690. Banking town Butler.
Co.I.—Union Coal & Iron Co.

COAL VALLEY, Allegheny Co. M.O. Ry. 660. Banking town McKeesport.
B.Coal—Thomas Foster & Sons. Jefferson mine. 47,000 tons; 80 days; 180 employes. Steam. D. B. Foster, mine supt.
B.Coal—Foster & Clark.

COATESVILLE, Chester Co. Pop. 3,680. M.O. Tel. Ry. 660; 946.
Lime—C. L. Cook.
Roll.M.—Worth Bros. Rolling mill.

COGAN STATION, Lycoming Co. Pop. 634. M.O. Ry. 613. Banking town Williamsport.
B.Coal—Henry Davis. (Local.)
Iron—P. R. Hayes.
Iron—Jessie Quigel.

COLEBROOK, Lebanon Co. Pop. 173. Tel. Ry. 223. Banking town Lebanon.
R.M.Fur.—A. Ferguson & Co. Rolling mill and blast furnace.

COLLIER, Allegheny Co. P.O. and Ry. Hickman, 685.
B.Coal—E. W. Powers. Hickman mine. Tunnel. Horse.

COLLINGDALE, Delaware Co. Pop. 500. M.O. Ry. 49. Banking town Philadelphia.
Stone—H. H. Black.

COLUMBIA, Lancaster Co. Pop. 10,700. M.O. Tel. Ry. 660; 672.
B.Fur.—Chestnut Hill Iron Ore Co. Blast furnace.
Roll.M.—Columbia Iron Co. C. C. Kauffman, gen. mgr. and buyer. Cap. stk. $100,000 pd. up. Ten double puddling furnaces. Three trains rolls. Bar iron. 250 employes. Steam.
Roll.M.—Columbia Rolling Mill Co.
Stone—Lewis Hartman & Co.
Stone—S. & G. Hoffman. Hoffman's quarry. Limestone. Steam.
Roll.M.—Janson Iron Co. Rolling mill.
Zinc—Red Cloud Mining Co. of Rush, Ark. Zinc. H. W. North, pres.; G. W. Schmucker, v. pres.; J. B. McBride, secy.; W. M. Duncan, treas.; G. W. Chase, M.E., gen. mgr. and buyer. Cap. stk. $100,000 pd. up.
Roll.M.—Susquehanna Iron Co. Rolling mill.

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CONDRON, Cambria Co. (P.O. Dysert). Ry. 660.
B.Coal—Richland Mining Co. Richland mine No. 1. Tunnel. Steam.

CONEMAUGH, Cambria Co. M.O. Tel. Ry. 660. Banking town Johnstown.
B.Coal—Conemaugh Coal Co., Greensburg. Conemaugh mine. Tunnel, 4,300 ft.; 53,000 tons; 300 days; 54 employes. J. P. Wilson, supt.

CONNELLSVILLE, Fayette Co. Pop. 5,629. M.O. Tel. Ry. 660; 49.
Coke—H. C. Frick Coke Co.
C.M.E.—S. M. Froust, Civil, Mining and Municipal Engineer, Cor. Main and Prospect Sts.
Stone—Hope Manufacturing Co. Hope quarry. Sandstone. Steam.
Stone—Keeling, Ridge & Co. Belgian Block quarry. Paving blocks. Steam.
B.Coal—Martin Meagher. (Local.)
B.Coal—Pittsburg & Connellsville Gas, Coal & Coke Co.
Stone—Jas. Porter.
Stone—Snyder & Blair. Sand Rock quarry. White sandstone. Horse.
B.Coal—Clair, Stillwagon & Co.
B.Coal—W. P. Stillwagon. (Local.)
Stone—B. C. Stouffer.
B.Coal—Isaac Taylor & Co.

CONOQUENESSING, Butler Co. Pop. 214. M.O. Ry. Reibold, 683.
A.Coal—W. M. Marshall.
B.Coal—Porter, Day & Crouch.
B.Coal—J. T. Snodgrass. (Local.)

CONSHOHOCKEN, Montgomery Co. Pop. 5,740. M.O. Tel. Ry. 660; 672.
Stone—James Beatty, Sr.
Roll.M.—Longmead Iron Co. Jawood Lukens, pres.; A. L. Murphy, secy. Cap. stk., $100,000. Six double puddling and one gas heating furnace. Two trains rolls, one 20-inch muck and one 16-inch finishing. Muck bar and skelp, 17,000 tons; 135 employes. Steam. S. Anderson, mill supt.
Stone—Alex. Martin.
Stone—Michael O'Brien.

CONTENT, Jefferson Co. P.O. and Ry. Baxter, 15. Banking town Brookville.
B.Coal—A. J. & W. H. Ballentine.
B.Coal—F. W. Inman. (Local.)

COOKS MILLS, Bedford Co. Pop. 100. Ry. 49; 660. Banking town Cumberland, Md.
Stone—Wm. Devor.
Stone—Dunbar Furnace Co. Limestone.

COOL SPRING, Jefferson Co. Pop. 65. Banking town and Ry. Brookville, 130.
B.Coal—J. L. Esbaugh. (Local.)

COOPERSBURG, Lehigh Co. Pop. 454. M.O. Tel. Ry. 672. Banking town Bethlehem.
Stone—P. Graybill.

COPLAY, Lehigh Co. Pop. 880. M.O. Tel. Ry. 395A; 465. Banking town Allentown.
Cem.—Catasauqua Cement Co.
Cem.—Coplay Cement Co.
B.Fur.—Coplay Iron Co. Blast furnace.
Stone—Peter Kaser.
Cem.—Keystone Cement Co.

CORNING, Lehigh Co. Tel. Ry. 669. Banking town Allentown.
Iron—A. W. Baudenbush.

CORNWALL, Lebanon Co. Pop. 419. M.O. Tel. Ry. 222; 223; 672. Banking town Lebanon.
B.Fur.—Cornwall Iron Co., Ltd. Blast furnace.
Iron—Cornwall Ore Bank Co. Cornwall mine. Magnetic ore. Open pit. Compressed air and steam.

CORSICA, Jefferson Co. Pop. 338. M.O. Tel. Banking town and Ry. Brookville, 130.
B.Coal—Henry Reed. (Local.)

COURTNEY, Washington Co. Pop. 217. Ry. 660. Banking town Washington.
B.Coal—Corey Gas Coal Co. Buffalo mine; 12,000 tons; 48 days; 65 employes. Steam. Henry Boyer, mine supt.
B.Coal—Mingo Gas Coal Co. Courtney mine; 13,000 tons; 80 employes. Steam. Thos. A. Watson, asst. mine supt.

COVEFORGE, Blair Co. Ry. name Covedale, 660. Banking town Williamsburg.
Stone—Carline Supply Co.

COVEFORGE—Continued.
Stone—Juniata Limestone Co., Ltd. J. K. McLanahan, pres.; C. A. Wood, v. pres.; W. L. Baldridge, secy., treas. and buyer. Juniata quarry. Limestone, 400,000 tons; 275 days; 200 employes. Steam and compressed air. C. R. Fay, quarry supt.

CRENSHAW, Jefferson Co. M.O. Tel. Ry. 598. Banking town Brockwayville.
B.Coal—Northwestern Mining Co.

CRESSON, Cambria Co. Pop. 295. M.O. Tel. Ry. 660. Banking town Ebensburg.
B.Coal—Cresson Coal & Coke Co. (Partnership.) John K. Powell, Cresson; John Ashcroft, Patton; and Robt. H. Powell, Baltimore, Md., proprs. Cresson shaft mine. Shaft, 300 ft; 55,000 tons; 235 days; 70 employes. Steam. John K. Powell, mgr.

CRESSONA, Schuylkill Co. Pop. 1,481. M.O. Tel. Ry. 672. Banking town Pottsville.
Lime—C. Hock.

CROWTHER, Lawrence Co. Ry. 683. Banking town New Castle.
L.Stone—Isabella Limestone Co. Limestone.
Stone—Jones & Langdon.

CRUMB, Somerset Co. Ry. Hoversville, 49. Banking town Johnstown.
B.Coal—J. A. Hite. (Local.)

CRUMLYNNE, Delaware Co. M.O. Ry. 675. Banking town Chester.
Stone—Leiper & Lewis.

CURWENSVILLE, Clearfield Co. Pop. 1,664. M.O. Tel. Ry. 98; 660.
B.Coal—J. R. Moore. (Local.)

DALE, Berks Co. Pop. 800. Ry. Bartos, 672. Banking town Boyertown.
B.Coal—Frank Bauer. (Local.)
B.Coal—Lewis Bauer. (Local.)

DANIELSVILLE, Northampton Co. Pop. 306. Tel. Ry. 465. Banking town Slatington.
Slate—Henry Biechy & Co. Slate.
Slate—S. Florcey & Co. Slate.
Slate—Idwal Griffith. Slate.
Slate—R. Henry & Co. Slate.
Slate—Franklin M. Hower. Peach Hill quarry. Steam.

DANVILLE, Montour Co. Pop. 7,998. M.O. Tel. Ry. 244; 660; 672.
B.Fur.—Grove Bros. Blast furnace.
Roll.M.—Mahoning Rolling Mill Co.
Stone—Montour Quarry Co.
R.M.Fur.—Montowa Iron & Steel Co. Rolling mill and blast furnace.
R.M.Fur.—North Branch Steel Co. Rolling mill and blast furnace.
Stone—C. C. Rausch.
Stone—M. D. L. Sechler.
B.Coal—Somerset Coal & Coke Co.

DARLINGTON, Beaver Co. Pop. 254. M.O. Tel. Ry. 689. Banking town Beaver Falls.
B.Coal—J. N. Craft. (Local.)
Iron—J. C. Duff.

DARRAGH, Westmoreland Co. Ry. name Madison, 660.
B.Coal—Arona Gas Coal Co. Arona mine; 84,000 tons; 161 days; 128 employes. Steam. Lund Washington, mine supt.

DAUBERVILLE, Berks Co. Ry. 672. Banking town Reading.
Lime—E. Gesnichelt.

DAWSON, Fayette Co. Pop. 668. M.O. Tel. Ry. 49.
B.Coal—Brown & Cochran. Nellie mine; 165,000 tons; 200 days; 247 employes. Steam. J. R. Laughrey, mine supt.
B.Coal—Jackson Mines Co.
B.Coal—J. Newmeyer & Sons.
Coke—J. M. Schoonmaker Coke Co.
B.Coal—Washington Coal & Coke Co. Washington mine; 150,000 tons; 312 days; 218 employes. Steam. J. S. Newmeyer, mine supt.

DEAN, Cambria Co. Ry. 660. Banking town Hastings.
B.Coal—Dougherty Coal Co., 1006 16th St., Altoona. Dougherty mine. Tunnel 2,000 ft.; 20,000 tons; 212 days; 25 employes. J. H. Dougherty, mine supt.

DEEMSTON, Washington Co. Ry. West Brownsville, 660.
B.Coal—Henry Amos. (Local.)

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DEFIANCE, Bedford Co. M.O. Ry. Riddlesburg, 379.
Sweet & Brown, 412 Betz Bldg., Philadelphia. Brown No. 1 and 2 mines. Tunnel. Steam.

DELAWARE WATERGAP, Monroe Co. Pop. 467. M.O. Tel. Ry. 244; 603. Banking town Stroudsburg.
Slate—Amos Le Bar. Slate.
Slate—Staples & Co. Slate.

DELTA, York Co. Pop. 565. M.O. Tel. Ry. 963.
Slate—Anchor Slate Co.
Slate—Eureka Peach Bottom Slate Manufacturing Co.
Slate—Excelsior Slate Co. R. L. Jones, pres. and gen. mgr.; F. R. Williams, secy. and treas. Excelsior quarry. Roofing slate, 5,000 squares. Wm. Penn Jones, quarry supt.
Slate—Enos Frey & Co. Slate.
Slate—R. L. Jones & Co. Quarry at West Bangor.
Stone—W. A. McLaughlin.
Slate—Peachbottom Slate Co. of Baltimore, 318 N. Front St., Baltimore, Md. Henry's quarry. 6,000 squares; 300 days; 25 employes. Steam.
Slate—Peerless Slate Co. Peerless quarry. Steam.
Slate—Susquehanna Slate Co.
Slate—Welsh Slate Co.
Slate—C. H. A. Whiteford. Slate.

DENT, McKean Co. (P.O. Gifford.) Ry. 98.
B.Coal—A. Cummins. (Local.)

DERINGER, Luzerne Co. P.O. Gowen. Ry. 248; 670.
A.Coal—Coxe Bros. & Co. Mine at Drifton.
A.Coal—Cross Creek Coal Co., Drifton. Deringer mines; 150,000 tons; 200 days; 350 employes. Steam. Breaker. John Rohland, supt.

DEVAULT, Chester Co. Ry. 660. Banking town Phoenixville.
Lime—A. A. Calanach.
Lime—Cedar Hollow Lime Co.
Stone—Jos. Jacobs. Limestone.
Lm.St.—Pennsylvania Lime & Stone Co.

DICKSON CITY, Lackawanna Co. Pop. 3,110. Tel. Ry. 243; 600.
A.Coal—Elk Hill Coal & Iron Co. Richmond Nos. 3 and 4 mines; 226,700 tons; 102 days; 437 employes. Breaker. Steam. W. H. Richmond, supt.

DILLSBURG, York Co. Pop. 587. M.O. Tel. Ry. 235.
Stone—Fehl Bros. Evans quarry. Limestone. Kiln.
Stone—Lewis Kuntz. Limestone.
Iron—Lanck & Shelley. Lank & Shelley mines. Magnetic ore. Shaft. Steam.
Iron—W. H. Letcher. Letcher's mine. Hematite ore. Tunnel. Steam.

DILLTOWN, Indiana Co. Ry. Seward, 660. Banking town Johnstown.
B.Coal—John Wires. (Local.)

DOE RUN, Chester Co. Pop. 275. Ry. 660. Banking town Coatesville.
Lime—C. Hoops & Co.

DOUGLASS, Allegheny Co. P.O. Buenavista. Ry. 681. Pop. 400.
B.Coal—Youghiogheny River Coal Co., Erie. Pacific mine. Drift 8,000 ft.; 115,000 tons; 191 days; 228 employes. Electricity. J. F. Hosack, mine supt.

DOUGLASSVILLE, Berks Co. Pop. 613. M.O. Tel. Ry. 660; 672. Banking town Pottstown.
Roll.M.—Douglassville Iron Co., Ltd. D. K. Flannery, pres. and gen. mgr.; F. R. Gerhart, secy.; John H. Egolf, treas. Cap. stk., $30,000. Douglassville mill. Six double puddling furnaces; one train rolls, 7,000 tons; 75 employes. Steam.

DOWNINGTON, Allegheny Co. Pop. 1,089. M.O. Tel. Ry. 660; 672.
Lime—James Copeland.
C.E.—Joseph H. Johnson, Civil Engineer and Justice of the Peace, 74 W. Lancaster ave.
Stone—Thomas Pedrick.

DRAKETOWN, Somerset Co. Ry. 833. Banking town Somerset.
B.Coal—W. H. Reem. (Local.)

DRAVOSBURG, Allegheny Co. Pop. 1,089. M.O. Tel. Ry. 660. Banking town McKeesport.
B.Coal—S. S. Crump & Co.
B.Coal—Stonesburg Coal Co. Stonesburg mine; 30,000 tons; 80 days; 124 employes. Steam. John S. Scott, mine supt.

DRIFTON, Luzerne Co. Pop. 1,639. M.O. Tel. Ry. 133; 248; 465. Banking town Freeland.
A.Coal—Coxe Bros. Cross Creek mine. Shaft. Steam.
A.Coal—Cross Creek Coal Co., Alfred Walter, gen. mgr. Drifton mines Nos. 1 and 2; 300,000 tons; 210 days; 737 employes. Steam. Breaker. Mines also at Eckley, Stockton, Beaver Meadow, Tomhicken, Derlinger and Gowen.

DUBOIS, Clearfield Co. Pop. 6,149. M.O. Tel. Ry. 15; 98; 490; 660. Banking town Clearfield.
B.Coal—Falls Creek Mining Co.
B.Coal—Bell, Lewis & Yates Coal Co., Buffalo, N. Y. Rochester mine. Slope. Steam.
B.Coal—Berwind-White Coal Mining Co., Betz Bldg., Philadelphia. Cataract mine. J. A. Crist, mine supt.

DUDLEY, Huntingdon Co. Pop. 281. M.O. Ry. 379. Banking town Huntingdon.
B.Coal—E. F. Gould. Huntingdon mine. Open pit. Horse.
B.Coal—W. W. Reed & Bro.
B.Coal—W. H. Sweet. Oceans Nos. 1 and 2 mines. Tunnel. Horse.

DUNBAR, Fayette Co. Pop. 1,381. M.O. Tel. Ry. 49; 581A; 660.
B.Coal—Atcheson Coke Co. Anchor mine. Slope, 500 ft.; 27,453 tons; 107 days; 100 employes. Steam. One hundred coke ovens, 22,412 tons. Wm. Duncan, mine supt.
B.Coal—Cambria Iron Co.
B.Coal—Dunbar Furnace Co., Frank A. Hill, pres.; H. W. Hazard, v. pres.; H. Harris, secy.; C. H. Kimball, treas.; Chas. McCreary, ass. gen. mgr. and buyer. Hill Farm mine. Slope, 5,000 ft.; 97,276 tons; 274 days; 126 employes; steam. Coke, 150 ovens; 63,959 tons. Parrish mine. Slope, 4,500 ft.; 48,291 tons; 243 days. Steam. Coke, 70 ovens; 42,802 tons. Robt. Lang, Sr., mine supt.
B.Coal—E. A. Humphries & Co. Great Bluff mine; 352 tons; 23 days; 13 employes. Steam. A. E. Humphries, mine supt.
B.Coal—Reid Bros. Cap., $20,000. Uniondale mine. Slope, 2,000 ft. Steam. Seventy-four coke ovens. (Idle.)
Stone—Sloan, McIlvain & Ott Bros. Bluestone.
B.Coal—Isaac Taylor & Co. Taylor mine; 10,000 tons; 160 days; 17 employes. Steam. Isaac Taylor, mine supt.

DUNCAN, Allegheny Co. P.O. Coulterville. Tel. Ry. 681. Banking town Pittsburg.
B.Coal—N. J. Bigley. (Local.)

DUNCANNON, Perry Co. Pop. 1,074. M.O. Tel. Ry. 660; 670.
Iron—Duncannon Iron Co.
B.Coal—James Shields. (Local.)

DUNCANSVILLE, Schuylkill Co. P.O. and Ry. Pottsville, 465; 660; 666; 672.
Lime—Frank James.
Roll.M.—Portage Iron Co. Rolling mill.

DUNKARD, Greene Co. Pop. 93. Ry. Point Marion, 49. Banking town Waynesburg.
B.Coal—J. C. Hufty. (Local.)
B.Coal—Mrs. S. Lough. (Local.)
B.Coal—Ira Ross. (Local)
B.Coal—J. M. Ross. (Local.)
B.Coal—Jos. South. (Local.)
B.Coal—W. W. South. (Local.)
B.Coal—Chas. Stewart. (Local.)
B.Coal—E. S. Taylor. (Local.)

DUNLO, Cambria Co. Pop. 500. Ry. 660. Banking town Johnstown.
B.Coal—Dunlo Coal Co., Main St., Greensburg. Dunlo mine. Drift, semi-bituminous coal. 26,000 tons; 300 days; 20 employes. Horse. J. P. Wilson, mine supt.
B.Coal—Henrietta Coal Mining Co., Altoona.
Yellow Run Coal Co., Greensburg. Yellow Run mine. Shaft. Steam.

DUNMORE, Lackawanna Co. Pop. 835. M.O. Tel. Ry. 289. Banking town Scranton.
A.Coal—Murray, Carney & Brown. M. J. Murray, gen. mgr. and buyer. Cap., $75,000. Murray's mine. Shaft, 255 ft.; 60,000 tons; 90 employes. Steam. Breaker.
A.Coal—A. D. & F. M. Spencer.
A.Coal—Pennsylvania Coal Co., New York. No. 1 shaft, Gypsy Grove shaft, Gypsy Grove drift, No. 2 shaft, No. 2 tunnel, Barnum shaft No. 1, Laws shaft, Shafts Nos. 1, 4, 5, 6, 7, 8, 9, 10 and 10 Jr., 13 and 14 and Hoyt shaft; 980,000 tons; 150 days; 3,000 employes. Steam. Breakers. John B. Smith, supt.

DURLACH, Lancaster Co. Pop. 154. Ry. Epretta, 572. Banking town Lincoln.
Stone—Hehnly & Wike.

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DURLACH—Continued.
Stone—Hiram Wike. Cocalico and Turkey Hill quarries. Sand and flint stone.
M.Stones—Ben Wissler, Lincoln. Cocalico quarry; 40 mill stones; 70,000 lbs.; 300 days; 2 employes.

DURYEA, Luzerne Co. Pop. 846. M.O. Ry. 244. Banking town Pittston.
A.Coal—Delaware, Lackawanna & Western R. R. Co., Scranton. Hallstead shaft, 140,000 tons; 130 days; 400 employes. Breaker. Steam.
A.Coal—Simpson & Watkins Coal Co.

DUTCH HILL, Clarion Co. Ry. W. Monterey, 130.
B.Coal—Church Hill Coal Co.

DYSART, Cambria Co. Ry. 660. Banking town Hastings.
B.Coal—Luther Gallagher. (Local.)
B.Coal—A. A. Stevens. (Local.)

EAGLE HILL, Schuylkill Co. P.O. and Ry. Pottsville, 466; 660; 672.
Philadelphia & Reading Coal Co., 227 S. 4th St., Philadelphia. Eagle Hill mine. Steam. Breaker.

EAST BANGOR, Northampton Co. Pop. 804. M.O. Ry. 54. Banking town Bangor.
Slate—J. Bray.
Slate—East Bangor Consolidated Slate Co. East Bangor Consolidated quarry. Black slate. Steam.
Slate—East Bangor Northern Slate Co.
Slate—East Bangor Slate Mining Co. (James Masters and Henry Williams, proprs.) Roofing slate, 8,000 squares; 200 days; 40 employes. Steam.
Slate—Masters Bros. Slate.
Slate—Seek No Farther Slate Co.
Slate—Standard Slate Co. Standard quarry. Roofing slate. Steam.
Slate—Star Slate Co. Star roofing slate. Steam. Mill.

EAST BETHLEHEM, Washington Co. Pop. 344. M.O. Tel. Ry. W. Brownsville, 660.
A.Coal—Thos. Foster. (Local.)
A.Coal—J. B. Hart. (Local.)
A.Coal—Isaac White. (Local.)

EAST BRADY, Clarion Co. Pop. 1,228. M.O. Tel. Ry. 15.
B.Coal—Acme Mining Co. Acme mine; 17,000 tons; 137 days; 62 employes. Steam. J. W. Hill, mine supt.
B.Coal—Demon Coal & Mining Co.
B.Coal—Eagle Coal & Mining Co.
B.Coal—Keystone Coal & Mining Co. Keystone mine; 55,000 tons; 215 days; 110 employes. Steam. Geo. E. Henry, mine supt.
B.Coal—Long Point Coal Co.
B.Coal—Thos. Mitchell & Sons.
B.Coal—Monarch Coal Co. Monarch mine; 5,000 tons; 90 days; 56 employes. C. P. McCafferty, mine supt.

EAST MORAVIA, Lawrence Co. Pop. 110. Ry. Moravia, 660; 61; 683. Banking town New Castle.
Stone—Green, Marquis & Johnston.

E. NEW MILFORD, Susquehanna Co. Pop. 93. P.O. Lakeside. Banking town Susquehanna.
Gran.—W. C. Yorkes. Granite.

EASTON, Northampton Co. Pop. 14,500. M.O. Tel. Ry. 54; 133; 244; 465.
Slate—Chester Slate Co. H. S. Cavanaugh, pres.; Joseph A. Weaver, v. pres.; Chas. A. Morrison, secy. and treas.; Wm. Miller, gen. mgr. and buyer. Cap. stk., $50,000 pd. up. Quarry at Bath.
Roll.M.—Easton Sheet Iron Works. Rolling mill.
Slate—Edelman's Hard Vein Slate Co. Open pit. Steam.
Slate—J. A. Edelman.
Slate—Flory & Lehr Hard Vein Slate Co. F. H. Lehr, pres.; Calvin Arner, secy.; Horace Lehr, treas. Cap. stk., $25,000 pd. up. Quarry at Edelman.
Atty.—George W. Geiser, Attorney-at-Law.
B.Fur.—Glendon Iron Co. Blast furnace.
Slate—New Wales Hard Vein Slate Co.
Slate—Northampton Hard Vein Slate Co., 700 Walnut St. Jas. Young, pres.; Wm. M. Smith, v. pres.; Geo. W. Geiser, secy.; Theo. Whitesell, treas., gen. mgr. and buyer. Cap. stk., $25,000 pd. up. Quarry at Belfast.
Slate—Pennsylvania Hard Vein Slate Co. Geo. W. Geiser, pres., treas., gen. mgr. and buyer; James Young, v. pres.; M. H. Schall, secy. Cap., $25,000 pd. up. Quarry at Belfast.
Iron—Thomas Iron Co.
Stone—J. O. Wagener. West End and East End quarries. Soapstone, talc and silicate. Open pit. Stone mill and pulverizer.
Slate—Theo. Whitesell & Co. Quarry at Belfast.

EAU CLAIRE, Butler Co. Pop. 231. Tel. Banking town and Ry. Emlenton, 130.
B.Coal—R. H. Blair.

EBENSBURG, Cambria Co. Pop. 1,202. M.O. Tel. Ry. 660.
Lead—Roaring Springs Land & Mining Co.

ECKLEY, Luzerne Co. Pop. 1,241. M.O. Tel. Ry. 133; 248; 465. Banking town Hazleton.
A.Coal—Cross Creek Coal Co., Drifton. Eckley Nos. 2, 6 and 10 mines; 175,000 tons; 200 days; 520 employes. Breaker. Steam. E. Kudlich, supt.

EDELMAN, Northampton Co. Ry. 54.
Slate—Edelman Bros.
Slate—Flory & Lehr Hard Vein Slate Co., Easton. (Idle.)
Slate—E. J. Johnson.
Slate—Samuel Seem & Co.

EDGEHILL, Montgomery Co. Pop. 580. M.O. Tel. Ry. 672. Banking town Jenkintown.
Sili.—Samuel M. Wilson. Silica mine at Flourtown.

EDGEWOOD PARK, Allegheny Co. M.O. Ry. name Edgewood, 660. Banking town Braddock.
B.Coal—Hampton Coal Co. Hampton mine; 49,000 tons; 146 days; 115 employes. John S. Stewart, mine supt.

EDWARDSVILLE, Luzerne Co. Pop. 3,284. M.O. Ry. Kingston, 244. Banking town Wilkes-Barre.
Stone—John Asher.
B.Coal—Edwards & Co.
B.Coal—Edwards & Son.
A.Coal—Kingston Coal Co., Kingston. Nos. 1, 2, 3 and 4 shafts, and Gaylord mines; 700,000 tons; 175 days; 2,000 employes.
B.Coal—John Pugh & Co.

EGYPT, Lehigh Co. Pop. 286. M.O. Tel. Ry. 395A. Banking town Allentown.
Cem.—American Improved Cement Co.

EHRENFELD, Cambria Co. Pop. 600. Ry. 660. Banking town Ebensburg.
B.Coal—John C. Scott & Sons, Betz Bldg., Philadelphia. Webster Nos. 3, 5 and 6 mines. Tunnel and slope, 200,000 tons; 225 days; 350 employes. Steam. Operate 300 cars.

ELCO, Washington Co. M.O. Tel. Ry. 660. Banking town Fayette City.
B.Coal—T. J. Wood. Caledonia mine; 45,000 tons; 100 days; 112 employes. Champion mine; 95,000 tons; 125 days; 180 employes. Steam. Allen Bradshaw, mine supt.

ELIZABETH, Allegheny Co. Pop. 1,804. M.O. Tel. Ry. 681. Banking town McKeesport.
B.Coal—Horner & Roberts.
B.Coal—R. B. Large. (Local.)
Stone—Charles Linquist.
B.Coal—Webster Gas Coal Co. North Webster mine; 50,000 tons; 125 days; 138 employes. Steam. S. S. Roberts, mine supt.

ELKHORN, Allegheny Co. Pop. 93. Ry. 681. Banking town Monongahela City.
B.Coal—John McCaen. (Local.)

ELKLICK, Somerset Co. Pop. 913. M.O. Tel. Ry. name W. Salisbury, 49.
Stone—Arnold & Bear.
B.Coal—Baltimore & Cumberland Coal Co.
B.Coal—L. L. Beachy. (Local.)
Stone—R. Beachy.
Stone—S. A Beachy.
B.Coal—W. J. Bear. (Local.)
B.Coal—Chamberlain & Shaw.
B.Coal—Wm. Cochran. (Local.)
B.Coal—Grassy Run Coal Co.
B.Coal—Hamilton & Cochrane, Baltimore, Md. Hamilton mine. Drift. Horse.
B.Coal—C. T. Hay. (Local.)
Stone—J. M. Hay.
B.Coal—Elias Hershberger. (Local.)
B.Coal—B. Jones. (Local.)
B.Coal—H. B. Keim. (Local.)
B.Coal—J. B. Keim. (Local.)
B.Coal—Thos. Reece. (Local.)
B.Coal—E. Statler. Nellie mine; 8,000 tons; 150 days; 10 employes. Statler mine; 39,000 tons; 200 days; 50 employes.
Stone—M. D. Thomas.
B.Coal—Dennis Wagner. (Local.)
B.Coal—Geo. K. Walker. (Local.)
B.Coal—Thos. Williams. (Local.)

ELLIOTTSVILLE, Fayette Co. Ry. Uniontown, 49; 660.
B.Coal—Asbury Carroll. (Local.)
B.Coal—John Goodwin. (Local.)

ELM GROVE, Fayette Co. Ry. 49.
B.Coal—W. T. Rainey, Cleveland, O. Elm Grove mine; 35,000 tons; 152 days; 82 employes. Steam. I. N. Blosser, mine supt.

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ELWOOD CITY, Lawrence Co. M.O. Tel. Ry. 681.
Stone—Laughlin & Co., Ltd., Pittsburg. Limestone. H. D. Jones, quarry supt. (Idle.)
B.Coal—Thompon Run Coal Co., New Castle. Thompon Run mine. Slope, 60,000 tons; 208 days; 70 employes.

EMBLEM, Allegheny Co. Tel. Ry. name Osceola, 49. Banking town McKeesport.
B.Coal—Osceola Coal Co. Osceola mine. Open pit. Steam.

EMIGSVILLE, York Co. Pop. 142. M.O. Ry. 613. Banking town York.
St.Lm.—Wm. H. Emig. Emigsville quarry. Limestone and lime. Lime-kilns, 50,000 bushels lime; 6 employes.

EMPORIUM, Cameron Co. Pop. 2,147. M.O. Tel. Ry. 287; 660; 929.
B.Coal—Cameron Coal Co.
Roll.M.—Emporium Steel Co. Rolling mill.

ENON VALLEY, Lawrence Co. Pop. 568. M.O. Tel. Ry. name Enon, 660. Banking town Beaver Falls.
A.Coal—Wm. Pickles. (Local.)

ENTRIKEN, Huntingdon Co. Ry. 379. Banking town Huntingdon.
Lime—J. H. Donaldson.

ERIE, Erie Co. Pop. 40,634. M.O. Tel. Ry. 288A; 451; 557; 660; 690.
B.Coal—Lake Erie Coal Co. Lake Erie mine; 20,000 tons; 145 days; 60 employes. F. A. Mizner, mine supt. Mine in Butler Co.
B.Coal—Lake Erie Gas, Coal & Coke Co.
C.E.—George Platt, Civil Engineer, 323 W. 7th St. City Engineer.
B.Coal—W. L. Scott Co. Mine at Carnegie.
B.Coal—South West Coal Co.
A.Coal—Union Coal Co., Scott Blk. Chas. H. Strong, pres.; Jos. Stickney, v. pres.; Henry Tibbotts, secy. and treas.; John L. Williams, gen. mgr.; B. W. Kriner, buyer. Cap. stk., $1,000,000. Mines at Shamokin and Mt. Carmel.
B.Coal—Youghiogheny River Coal Co. M. H. Taylor, pres.; J. M. Strong, v. pres.; F. J. Kennedy, secy. and treas.; W. S. Gresley, gen. mgr. and buyer. Mines at Scott Haven, Buena Vista, Guffey, Taylor Station and Douglas Station.

ESPY, Columbia Co. Pop. 549. M.O. Tel. Ry. 244. Banking town Bloomsburg.
Stone—Silver Spring Quarry Co.

ESSEN, Allegheny Co. Ry. 685. Banking town Mansfield Valley.
B.Coal—Pan Handle Coal Co.

ESTELLA, Sullivan Co. Ry. New Albany, 465. Banking town Laporte.
Sur.—Ulysses Bird, Surveyor and Prospector.

ETNA, Allegheny Co. Pop. 3,767. M.O. Tel. Ry. 660; 683.
Lime—A. M. Chalfant.
Roll.M.—Spang, Chalfant & Co., Pittsburg. Rolling mill.

EUCLID, Butler Co. Pop. 300. M.O. Tel. Ry. 690. Banking town Sharpsburg.
B.Coal—P. D. Sherwin. Standard mine. Slope, 1,000 ft.; 40,000 tons; 250 days; 40 employes. Steam.

EVERETT, Bedford Co. Pop. 1,679. M.O. Tel. Ry. 379; 660.
B.Fur.—Everett Furnace.

EVERSON, Fayette Co. Pop. 905. M.O. Tel. Ry. 49; 660. Banking town Scottdale.
B.Coal—A. S. Livengood. (Local.)
B.Coal—Stouffer & Wylie.

EXCELSIOR, Northumberland Co. Pop. 297. M.O. Tel. Ry. 672. Banking town Shamokin.
A.Coal—T. J. Morgan.

EXETER, Luzerne Co. Pop. 790. Ry. Pittston, 133; 223; 289; 244; 465.
A.Coal—Lehigh Valley Coal Co., Philadelphia. Exeter shaft mine; daily capacity 900 tons; 330 employes. Steam. W. A. Lathrop, supt.
A.Coal—Stevens Coal Co., Pittston. Stevens mine, shaft and slope; 85,000; 130 days; 300 employes. Steam. David Evans, supt.

FAIRCHANCE, Fayette Co. Pop. 1,092. M.O. Tel. Ry. 49; 660. Banking town Uniontown.
B.Coal—Fairchance Furnace Co. Fairchance mine; 65,000 tons; 264 days; 157 employes. Steam. R. L. Martin, mine supt.

FAIRCHANCE—Continued.
B.Coal—H. C. Frick Coke Co. Kyle mine; 80,000 tons; 248 days; 135 employes. Steam. D. R. Anderson, mine supt.
Stone—J. K. Gates & Bros.
Stone—Robert Goldsboro.
B.Coal—Martin Coke Co. Laughead mine; 30,000 tons; 253 days; 54 employes. Steam. L. S. McDowell, mine supt.
Stone—Walters & Humprey.

FAIRMOUNT CITY, Clarion Co. Pop. 1,500. M.O. Ry. 15. Banking town New Bethlehem.
B.Coal—Fairmount Coal & Coke Co., 257 Washington St., Buffalo, N. Y. Fairmount Nos. 2 and 3. Drift, 500,000 tons. Steam. Operate 5 miles of Ry., 2 locomotives, 400 cars. S. Taylor Sheaffer, mine supt.

FALLBROOK, Tioga Co. Pop. 825. M.O. Tel. Ry. 302. Banking town Blossburg.
B.Coal—Fall Brook Coal Co. Fall Brook mine. Drift. Steam. Washer.

FALLING SPRINGS, Luzerne Co. P.O. Harding. Ry. 465. Banking town New Bloomfield.
Iron—Eli Stambaugh.

FARMERSVILLE, Lancaster Co. Pop. 362. Ry. Baerville, 660. Banking town Ephrata.
C.E.Sur.—E. H. Burkholder. Civil Engineer and Surveyor.

FAYETTE CITY, Fayette Co. Pop. 940. M.O. Ry. 681.
B.Coal—C. Jutte & Co. Apollo mine; 70,000 tons; 110 employes. Charles Bradford, mine supt. Cincinnati mine; 80,000 tons; 200 days; 190 employes. Steam. Wm. Davis, mine supt.
B.Coal—Samuel O'Neil. Fayette City mine; 190,000 tons; 215 days; 190 employes. Steam. James O'Neil, mine supt.

FERN, Clarion Co. Ry. Knox, 683.
B.Coal—United Coal & Coke Co. United No. 2 mine; 114,000 tons; 206 days; 235 employes. Steam. F. A. Plotner, mine supt.

FERRIS, Butler Co. Pop. 100. Ry. 690.
B.Coal—Turner Coal, Coke & Mining Co. J. L. Turner, gen. mgr. Keystone No. 1 mine. Tunnel. Fifty coke ovens. Thos. Foster, mine supt.
Keystone No. 2 mine. Tunnel. Opened Nov., 1895. Richard Lewis, mine supt.

FERTIGS, Venango Co. Tel. Banking town and Ry. Oil City, 15; 451; 598; 929.
B.Coal—J. R. Stoner. (Local.)

FINLEYVILLE, Washington Co. Pop. 1,000. M.O. Tel. Ry. 49.
B.Coal—Boyle Bros. Coal Co., 245 Fourth Ave., Pittsburg. Hackett mine. Tunnel, 5,000 ft.; 100,000 tons; 200 days; 225 employes.
B.Coal—Henry Florsheim, 810-811 Carnegie Bldg., Pittsburg. Nottingham mine. Tunnel, 100,000 tons; 250 days; 175 employes. Horse.
Germania mine. Tunnel, 125,000 tons; 273 days; 160 employes. Horse.
B.Coal—Germania Gas Coal Co. Germania mine; 46,000 tons; 250 days; 172 employes. Steam. C. Fritchman, mine supt.
B.Coal—Hackett Coal & Coke Co.

FITZHENRY, Westmoreland Co. Ry. name Port Royal, 49. Banking town West Newton.
B.Coal—Port Royal Coal & Coke Co.

FLINTON, Cambria Co. Ry. 660. Banking town Hastings.
B.Coal—Samuel Hegarty, Main St., Coalport. Oakland No. 4 mine. 200 tons daily capacity. Wm. Templeton, mine supt.

FLOURTOWN, Montgomery Co. Pop. 384. M.O. Tel. Ry. 672. Banking town Conshohocken.
Sili.—Samuel M. Wilson, Edge Hill. Roslyn Heights mine. Silica. Shaft, 65 ft.; 250 days; 15 employes. Steam.

FOGELSVILLE, Lehigh Co. Pop. 749. M.O. Tel. Ry. Litzenberg, 672. Banking town Allentown.
Stone—A. W. Held & Son.
Iron—J. D. Laros.
Iron—E. P. Lichtenwalner.
Iron—J. C. Lichtenwalner.

FOREST CITY, Susquehanna Co. Pop. 1,295. M.O. Tel. Ry. 243; 598; 600.
A.Coal—Hillside Coal & Iron Co., Scranton. Clifford and Forest City mines; 413,000 tons; 140 days; 1,012 employes. Breaker. Steam. W. A. May, supt.

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FORKSTON, Wyoming Co. Pop. 112. M.O. Ry. Mehoopany, 465. Banking town Tunkhannock.
A.Coal—O. B. Marcy. (Local.)

FORT HILL, Fayette Co. P.O. Broadford. Ry. 965.
B.Coal—W. J. Rainey Coke Co., Cleveland, O. Fort Hill mine. Slope. Steam.

FOSSILVILLE, Bedford Co. Pop. 167. Tel. Ry. 660. Banking town Hyndman.
Iron—Daniel Cessna.

FOSTER'S MILLS, Armstrong Co. Banking town and Ry. East Brady, 15.
B.Coal—D. B. Barhart. (Local.)

FRACKVILLE, Schuylkill Co. Pop. 2,530. M.O. Tel. Ry. 660; 672. Banking town Pottsville.
A.Coal—Lawrence & Brown.
A.Coal—Leaman & Gerber.

FRANKFORT SPRINGS, Beaver Co. Pop. 180. M.O. Banking town and Ry. Burgettstown, 660.
B.Coal—C. W. Cuny. (Local.)
B.Coal—Chas. Kraft. (Local.)

FRANKLIN CORNERS, Erie Co. Pop. 159. Ry. Fairview, 451; 660; 597. Banking town Girard.
Stone—George Howard.

FREDERICKTOWN, Washington Co. Pop. 172. Ry. W. Brownsville, 660. Banking town Brownsville.
A.Coal—Daniel Martin. (Local.)

FREEBURG, Snyder Co. Pop. 540. M.O. Banking town and Ry. Selins Grove, 660.
Stone—P. Apple. Limestone.
Iron—Bickel Bros. P. J. Bickel, gen. mgr. and buyer. Mine at Kreamer.
Stone—J. Diehl.
Stone—H. H. Glass. Limestone. Lime kiln.
Stone—S. G. Hilbish.
Iron—Geo. Poutins.
Stone—A. Springman.

FREEDOM, Beaver Co. Pop. 704. M.O. Tel. Ry. 688.
Stone—John Ronigh.

FREEMANSBURG, Northampton Co. Pop. 615. M.O. Tel. Ry. 133.
B.Fur.—Northampton Iron Co. Blast furnace.

FREEPORT, Armstrong Co. Pop. 1,637. M.O. Tel. Ry. 660.
B.Coal—Freeport Coal Co.
B.Coal—Maher Coal & Coke Co. Apollo mine; 10,000 tons; 170 days; 26 employes. T. G. Cornell, mine supt.

FRIENDSVILLE, Susquehanna Co. Pop. 139. M.O. Tel. Banking town and Ry. Montrose, 556; 244.
Zinc—Friendsville Zinc Co.

FRISCO, Beaver Co. M.O. Ry. 683. Banking town Ellwood City.
Stone—Table Rock Stone Quarry.

FROSTBURG, Jefferson Co. Pop. 97. Ry. Lindsey, 98; 662. Banking town Punxsutawney.
B.Coal—R. M. Anthony. (Local.)
B.Coal—C. R. B. Morris. (Local.)

FRUGALITY, Cambria Co. M.O. Ry. 660. Banking town Ebensburg.
B.Coal—Cresson & Clearfield Coal & Coke Co. Amsbey and Frugality No. 1, 2, 3, 4 and 5 mines. Tunnels. Steam. Breaker.
A.Coal—Thomas Smith. (Local.)

GALLITZIN, Cambria Co. Pop. 3,392. M.O. Tel. Ry. 660. Banking town Ebensburg.
A.Coal—Bradley & Meagher.
B.Coal—East End Coal & Coke Co.
B.Coal—Mitchell Coal & Coke Co. Columbia mine; 33,000 tons; 121 days; 108 employes. Gallitzin Slope mine; 90,000 tons; 115 days; 250 employes. Steam. W. M. Smith, mine supt.
B.Coal—Taylor-McCoy Coal & Coke Co., Hollidaysburg.

GANISTER, Blair Co. Ry. 660. Banking town Williamsburg.
B.Coal—Etna Mining Co.
Stone—Juniata Stone Co.
Stone—M. Manning & Co.

GARRETT, Somerset Co. Pop. 100. M.O. Tel. Ry. 49. Banking town Meyersdale.
B.Coal—Buffalo Coal & Coke Co.
B.Coal—Hock & Huffman. (Local.)

GASTONVILLE, Washington Co. Pop. 500. M.O. Tel. Ry. 49.
B.Coal—Pittsburg & Chicago Gas Coal Co. Gastonville mine; 76,000 tons; 135 days; 207 employes. Steam. Snowden mine; 65,000 tons; 155 days; 186 employes. Steam. J. H. Van Eman, mine supt.

GATESBURG, Center Co. Ry. Guyer, 660. Banking town Tyrone.
Iron—W. H. Wigton.

GEISTOWN, Cambria Co. Pop. 63. Banking town and Ry. Johnstown, 49; 660.
B.Coal—Geo. Hidingsfelter. (Local.)

GEORGES STATION, Westmoreland Co. Pop. 193. Ry. 660. Banking town Latrobe.
Stone—S. F. Bridge.
B.Coal—Jacob Kuhn. (Local.)

GEORGETOWN, Beaver Co. Pop. 274. Ry. Smiths Ferry, 660. Banking town Beaver.
B.Coal—J. R. Peters. (Local.)

GERMANTOWN, Philadelphia Co. P.O. Philadelphia. M.O. Tel. Ry. 672.
Stone—James S. McKinny. McKinny's quarry. Gneiss rock.

GETTYSBURG, Adams Co. Pop. 3,221. M.O. Tel. Ry. 672; 928.
Gran.—J. W. Flaharty. Wolf Hill quarry; 1,000 cu. ft.
Gran.—Nathaniel Lightner. Granite. (Local.)
Gran.—Tawney, Roach & Co. Granite.
Stone—C. W. Ziegler.

GILBERTON, Schuylkill Co. Pop. 6,837. M.O. Tel. Ry. 660; 672.
A.Coal—Draper Colliery. Draper mine. Slopes, tunnels. Steam. Breaker. Washer.
A.Coal—Furnace Coal Co.
A.Coal—Philadelphia & Reading Coal & Iron Co., 227 S. 4th St., Philadelphia. Gilberton mine; 117,000 tons; 174 days; 525 employes. Steam. Breaker. John Veith, supt.
A.Coal—Stoddart Coal Co., Pottsville. Stoddart mine, 72,000 tons; 240 days; 80 employes. Steam. Breaker. Wm. Speidel, mine supt.

GILLESPIE, Fayette Co. Ry. Allentown, 660. Banking town Fayette City.
B.Coal—Little Redstone Coal Co. Little Redstone mine; 95,000 tons; 140 days; 189 employes. Steam. John T. Jones, mine supt.

GILL HALL, Allegheny Co. Pop. 72. Ry. name Cochrans Mill, 49. Banking town McKeesport.
B.Coal—Samuel Curry. (Local.)

GIRARD MANOR, Schuylkill Co. Pop. 65. Tel. Ry. 672. Banking town Mahanoy City.
A.Coal—Jacob Fritz.
A.Coal—M. Lindenmath.

GIRARDVILLE, Schuylkill Co. Pop. 3,620. M.O. Tel. Ry. 465; 672.
A.Coal—Philadelphia & Reading Coal & Iron Co., 227 S. 4th St., Philadelphia. Girard, Hammond and Preston Nos. 2 and 3 mines; 305,500 tons; 170 days; 1,000 employes. John Veith, supt.

GLEN CAMPBELL, Indiana Co. M.O. Tel. Ry. 660. Banking town Punxsutawney.
B.Coal—C. Campbell. (Local.)
B.Coal—Cash Creek Coal & Coke Company. Cash Creek mines Nos. 1 and 2. Tunnel. Horse.
B.Coal—J. A. Clark. (Local.)
B.Coal—Passmore, Burns & Co.
A.Coal—Reakirt Bros. & Co., Philadelphia.

GLEN CARBON, Schuylkill Co. Ry. 672.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Richardson mine. Steam. Breaker.

GLENDON, Northampton Co. P.O. Chain Dam. Pop. 920. M.O. Tel. Ry. 466.
Stone—Clark & Co.

GLENEYRE, Pike Co. M.O. Tel. Ry. 598. Banking town Hawley.
Stone—John Deming.
Stone—C. W. Maxwell & Co.

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GLENHALL, Chester Co. Pop. 129. Tel. Ry. 946. Banking town Coatesville.
A.Coal—Corundum Mining Co.

GLENIRON, Union Co. Ry. 660. Banking town Mifflinburg.
B.Fur.—Jackson Iron Co. Blast furnace.

GLEN MILLS, Delaware Co. Pop. 200. Tel. Ry. 675. Banking town Media.
Stone—Glen Mills Stone Quarrying & Crushing Co.
Stone—Thornburg Stone Crushing & Quarrying Co.

GLENORA, Butler Co. Pop. 67. Ry. Bruin. 683. Banking town Parkers Landing.
B.Coal—A. Campbell. (Local.)
B.Coal—J. Meek. (Local.)
B.Coal—J. Risch. (Local.)

GLEN RICHEY, Clearfield Co. Pop. 527. M.O. Ry. Oshanter, 63. Banking town Clearfield.
C.Coal—Beech Creek Cannel Coal Co.
B.Coal—Bloomington Mining Co., Philadelphia. Glen Richey mine. Drift. Horse.

GLENSHAW, Allegheny Co. Pop. 82. M.O. Tel. Ry. 683. Banking town Sharpsburg.
B.Coal—Glenshaw Coal Co.
B.Coal—Robbins Coal & Coke Co. Glenshaw mine. Slope. Steam.

GLENUNION, Clinton Co. Pop. 167. Tel. Ry. 660.
B.Coal—West Branch Coal & Iron Co.

GLENWHITE, Blair Co. Tel. Ry. Kittanning Point, 660. Banking town Altoona.
B.Coal—Glen White Coal Co.

GLESSNER, Somerset Co. Ry. Hooversville, 49. Banking town Somerset.
B.Coal—J. Berkley. (Local.)
B.Coal—J. W. Gardner. (Local.)

GOHEENVILLE, Armstrong Co. Pop. 127. Ry. New Bethlehem, 15. Banking town Kittanning.
B.Coal—D. A. Gould. (Local.)
B.Coal—J. Kammerdiner. (Local.)
B.Coal—A. L. Secrist. (Local.)

GOMERSAL, Butler Co. Pop. 213. Tel. Ry. 690. Banking town Butler.
B.Coal—Gomersal Coal Co., Ltd. Gomersal mine; 10,000 tons; 70 days; 80 employes. William Ferguson, mine supt.

GORTON HEIGHTS, Center Co. Pop. 150. Ry. 63.
B.Coal—King & Back. Tunnel mine; 24,000 tons; 300 days; 25 employes. Horse. Geo. P. King, mine supt.

GOSFORD, Armstrong Co. Ry. Cowanshannoc Station, 15.
B.Coal—Gosford Coal & Mining Co.

GOUGHLERSVILLE, Berks Co. Pop. 186. Ry. 672. Banking town Reading.
Stone—Amos Price.

GOWEN, Luzerne Co. Pop. 215. M.O. Ry. 248; 660. Banking town Shamokin.
A.Coal—Cross Creek Coal Co., Drifton. Gowen mine; 150,000 tons; 190 days; 355 employes. Steam. Breaker. John Rohland, supt.

GRACETON, Indiana Co. M.O. Ry. 660.
Coke—McCreary Coke Co. Harry McCreary, gen. mgr. and buyer. Graceton mine. Drift. 75,000 tons; 250 days; 195 employes. Steam. Washer. Coke, 181 ovens; 75,000 tons. Harry McCreary, mine supt.

GRAEFFENBURG, Adams Co. Pop. 40. Ry. 139. Banking town Gettysburg.
I.St.—Caledonian Mining & Manufacturing Co. Wolf Hill mine; hematite ore; shaft; tunnel. Pond Bank quarry; white granite. Steam.

GRANT CITY, Lawrence Co. P.O. Grantboro. Banking town and Ry. New Castle, 288a; 598; 681; 683; 929.
B.Coal—Cowden Emery. (Local.)
B.Coal—Jas. McCormick. (Local.)

GREAT BEND, Susquehanna Co. Pop. 1,100. M.O. Tel. Ry. 244; 598. Banking town Susquehanna.
Stone—A. G. Brush, Hickory Grove. Gray sandstone; 8,000 ft.; 160 days; 2 employes.

GREECE CITY, Butler Co. Pop. 150. Banking town and Ry. Butler, 660; 683; 690.
B.Coal—Hector Craig. (Local.)

GREENGARDEN, Beaver Co. Ry. Cooks Ferry, 660.
B.Coal—Aaron Penny. (Local.)

GREENSBORO, Greene Co. Pop. 427. M.O. Tel. Banking town Waynesburg.
B.Coal—Alexandria Coal Co. Alexandria mine; 180,000 tons; 200 days; 257 employes. Steam. Thos. Donohoe, mine supt.
B.Coal—J. S. Black. (Local.)

GREENSBURG, Westmoreland Co. Pop. 4,205. M.O. Tel. Ry. 660.
B.Coal—Argyle Coal Co. R. Coulter, pres.; G. F. Huff, treas. Mine at South Fork.
B.Coal—Carbon Coal & Coke Co. Carbon mine. 148,000 tons; 254 days; 191 employes. Steam. W. M. Singer, mine supt.
B.Coal—Claridge Coal Co. Claridge mine. 110,000 tons; 141 days; 167 employes. J. Howard Patton, mine supt.
B.Coal—Claridge Gas Coal Co.
B.Coal—Conemaugh Coal Co. Mine at Conemaugh.
B.Coal—Dunlo Coal Co., Main St. L. B. Huff, gen. mgr. Cap. $5,000. Mine at Dunlo. Semi-bituminous coal.
B.Coal—Greensburg Coal Co. Greensburg No. 1 mine. 120,000 tons; 190 days; 105 employes. Steam. Greensburg No. 2 mine. 40,000 tons; 248 days; 37 employes. Steam. A. W. Jones, mine supt.
B.Coal—Hempfield Coal Co. Hempfield mine. 157,000 tons; 290 days; 128 employes. Steam. A. W. Jones, mine supt.
B.Coal—Jamison Coal Co. R. S. Jamison, pres.; Jno. M. Jamison, secy. and treas.; Thos. S. Jamison, buyer. Cap. stk. $150,000 pd. up. Jamison mines. Slope, 300 ft. 100,000 tons; 90 employes; 60 coke ovens; 25,000 tons. Steam. Thos. S. Jamison, mine supt.
B.Coal—Madison Gas Coal Co. Madison mine. 135,000 tons; 168 days; 270 employes. Steam. Thomas Donahoe, Jr., mine supt.
B.Coal—Mutual Coal Co.
B.Coal—Yellow Run Coal Co. Mine at Dunlo.

GREENVILLE, Mercer Co. Pop. 3,675. M.O. Tel. Ry. 288a; 598; 690.
Stone—Amy & Co. Flagstone. Mill. Steam.
Stone—Fry Bros. Limestone.
B.Coal—Anton Heilig. (Local.)
Stone—Plympton Leech.
B.Coal—Union Coal & Coke Co., Ltd. Keister mine. 7,000 tons; 59 days; 70 employes. George G. Stage, mine supt.

GREER, Butler Co. Ry. name N. Oakland, 683. Banking town Butler.
B.Coal—John Bresnahan. (Local.)
B.Coal—Geo. Frederick. (Local.)

GREGORY, Luzerne Co. Ry. Hunlock Creek, 214.
Stone—Howells & Hamelton.
Stone—Kitchen & Baldwin.

GRIFFIN, Westmoreland Co. P.O. Fitz Henry. Ry. 49.
B.Coal—Wm. Kister. (Local.)

GRINDSTONE, Fayette Co. Ry. 660. Banking town Brownsville.
B.Coal—Redstone Oil, Coal & Coke Co. Grindstone mine. 21,000 tons; 35 days; 140 employes. Steam. William Gillie, mine supt.

GRISEMORE, Indiana Co. Ry. Grant, 660. Banking town Indiana.
B.Coal—S. B. Griffith. (Local.)

GROVANIA, Montour Co. Ry. 672. Banking town Danville.
S.L.—E. A. Axtman. Limestone and lime-kilns.
Stone—John Christian.
St.Lm.—John Eifert. Limestone and lime-kilns.
Stone—Waples & Garrison.

GROVE CITY, Mercer Co. Pop. 1,160. M.O. Tel. Ry. 690.
B.Coal—Filer, Sutliff & Co., Sharon. Diamond Nos. 1 and 2 mines. Shaft, 100 ft. 100,000 tons; 250 employes. Steam. F. Spencer, mine supt.
B.Coal—Westerman, Filer & Co., Sharon. Chestnut Ridge mine. 10,000 tons; 150 days; 87 employes. Steam. Enoch Filer, Jr., mine supt.
B.Coal—Grove Coal Co. Hallville mine. 48,000 tons; 120 days; 102 employes. Steam. D. D. Morris, mine supt.
C.E.—F. P. James, Civil Engineer. Railroad and mine work.
B.Coal—C. A. Jewell. (Local.)
C.E.—C. F. Lawrence, Civil Engineer and Mine Surveyor, 102 Grace Ave.
B.Coal—Pine Grove Coal Co.
B.Coal—West Penn Coal Co. Star and Oneida mines. 15,000 tons; 180 days; 35 employes. C. A. Jewell, mine supt.

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GUFFEY, Westmoreland Co. P.O. Coultersville. Ry. 49.
B.Coal—Youghiogheny River Coal Co., Erie. Guffey mine. Drift, 3,000 ft. 100,000 tons; 141 days; 220 employes. J. F. Hosack, mine supt.

GURNEE, Tioga Co. Ry. 4. Banking town Westfield.
B.Coal—Gaines Coal & Coke Co. Drifts Nos. 2 and 3. Tunnel. Horse.

GUTHS STATION, Lehigh Co. Ry. 126a. Banking town Allentown.
Iron—M. L. Eckert.
Iron—Calvin Guth.
Iron—Schroeder & Moats.

HADDENVILLE, Fayette Co. Banking town and Ry. Uniontown, 49; 660.
B.Coal—Wm. Fee. (Local.)

HANCOCK, Berks Co. Ry. 672. Banking town Marietta.
Ochre—S. Long & Son. Yellow Ochre. 3,000 tons; 200 days; 12 employes. Steam. Ochre mill, 10 tons daily capacity.

HANNAH, Center Co. Ry. 660.
Iron—Hart & Co.

HANOVER, York Co. Pop. 3,746. M.O. Tel. Ry. 660; 928.
A.Coal—Delaware, Lackawanna & Western R. R. Co., Scranton. Bliss and Auchinloss mines.

HARRISBURG, Dauphin Co. Pop. 39,500. M.O. Tel. Ry. 235; 213; 660; 672.
B.Coal—Broad Top & Cambria Coal Co.
Roll.M.—Central Iron Works. Chas. L. Bailey, pres.; Edw. Bailey, v. pres.; S. B. Boude, secy.; G. M. McCauley, treas.; Jno. N. Binnix, gen. mgr. Cap. stk. $500,000 pd. up. Two plate, one universal and one puddle mill. 50,000 tons bar iron; 300 days; 400 employes. Steam, hydraulics and electricity.
Geol.—Col. Henry C. Demming, Mineralogist, Geologist and Practical Miner, 17 North Third St.
Phos.—Eagle Phosphate Co.
Stone—A. A. Hoak.
Roll.M.—Lalance & Gros Jean Manufacturing Co. Rolling mill.
B.Fur.—Lochiel Furnace Co. Blast furnace.
B.Fur.—McCormick & Co. Blast furnace.
G.Gm—Marion Bullion Co. Gold and gems. Mine at Demming, N. C.
G.Gm.—Marion Improvement Co. of North Carolina, 17 North Third St. Hon. Wm. T. Hildrup, pres.; Hon. Samuel J. M. McCarrell, v. pres. and secy.; Col. Henry C. Demming, M.E., treas., gen. mgr. and buyer. Cap. stk. $500,000, $250,000 pd. up. Gold and gems. Mine at Demming, N. C.
Roll.M.—Paxton Rolling Mills.
Stone—Peter Reel.
Roll.M.—Tyrone Iron Co. Rolling mill at Tyrone.

HARRISON CITY, Westmoreland Co. Pop. 286. M.O. Tel. Ry. 660. Banking town Irwin.
B.Coal—F. L. Stephenson. Penn Manor mine. Shaft. 56,000 tons; 152 days; 185 employes. Steam. Samuel Ferguson, mine supt.

HARRISVILLE, Butler Co. Pop. 630. M.O. Tel. Ry. 690. Banking town Grove City.
B.Coal—Mercer Mining & Manufacturing Co.

HARVEYS, Greene Co. Pop. 213. M.O. Ry. Waynesburg, 924.
B.Coal—Wm. Grant. (Local.)

HARWOOD, Luzerne Co. P.O. Harwood Mines. Ry. 248.
Hardy Son & Co. Harwood mine. Slope. Steam. Breaker.

HASTINGS, Cambria Co. Pop. 1,070. M.O. Tel. Ry. 660.
B.Coal—Benton Coal Co., 212 S. 3d St., Philadelphia. Benton No. 1 mine. Tunnel, 8,000 ft. 150,000 tons; 268 days; 280 employes. Electricity. J. D. Jones, mine supt.
B.Coal—Chestnut Creek Coal & Coke Co.
B.Coal—Duncan & Spangler.
B.Coal—Dunwiddie, Campbell & Co. Oak Ridge mine. Slope. Horse.
M.E.—C. F. Fraser, Mining Engineer.
B.Coal—Sterling Coal Co.

HATFIELD, Montgomery Co. Pop. 301. M.O. Tel. Ry. 672. Banking town Landsdale.
Slate—Ronig & Oberholzer. Slate.

HAZELDELL, Lawrence Co. Tel. Ry. 682. Banking town Ellwood.
Iron—W. H. Cole.
B.Coal—Philip Newton & Sons.

HAZLETON, Luzerne Co. Pop. 11,900. M.O. Tel. Ry. 465; 660.
C.M.E.—W. S. Ayres, Civil and Mining Engineer for A. Pardee & Co., 123 N. Laurel St.
A.Coal—Diamond Coal & Land Co.
A.Coal—Lehigh Valley Coal Co., Philadelphia. Hazelton Nos. 1, 2, 3, 5 and 6 mines. 78,500 tons; average 35 days; 1,620 employes. Steam. Fred E. Zerby, supt.

HECKSCHERVILLE, Schuylkill Co. Pop. 473. Ry. 672. Banking town Minersville.
A.Coal—J. J. Bergan. Mountain Colliery. 2,200 tons; 210 days; 8 employes. Steam.
A.Coal—P. J. Courtenay. Mine Hill mine. 2,000 tons; 200 days; 20 employes. Steam.
A.Coal—East Ridge Coal Co. East Ridge mine. Steam.
A.Coal—Philadelphia & Reading Coal & Iron Co. Thomaston mine. 100,000 tons; 150 days; 315 employes. Steam.
A.Coal—Sullivan Bros.

HECKTON MILLS, Dauphin Co. Ry. name Hecks, 672.
Iron—Lewis Heck.

HEGINS, Schuylkill Co. Pop. 149. Ry. Hecks, 672. Banking town Minersville.
A.Coal—E. M. Dunkleberger. (Local.)

HELLERTOWN, Northampton Co. Pop. 78. M.O. Tel. Ry. 672. Banking town South Bethlehem.
Iron—Bachmans Iron Ore Mine.
Stone—H. D. Heller. Stevens quarry. Limestone. Open pit. Horse.
Stone—C. E. Rentzheimer. Limestone.
Stone—P. H. Riegel. Limestone.
A.Coal—A. F. Woodring. (Local.)

HENDERSON, Mercer Co. Pop. 99. Ry. Stoneboro, 451. Banking town Sandy Lake.
B.Coal—Jas. Wheeler. (Local.)

HENDRICKS, Montgomery Co. Pop. 72. Ry. 669. Banking town Schwenksville.
Stone—W. M. Hillebrital.

HENRIETTA, Blair Co. Pop. 361. Tel. Ry. 660. Banking town Martinsburg.
Iron—H. Adams.
Iron—Lykens & Glass.
Gold-S.—Tussey Mountain Mining & Smelting Co. Gold and silver.

HERMAN, Butler Co. Pop. 63. M.O. Ry. 660. Banking town Butler.
B.Coal—Jos. Spahn. (Local.)

HERMINE, Westmoreland Co. Ry. 660.
B.Coal—D. Dinsmore & Sons.

HERMITAGE, Mercer Co. Pop. 72. Ry. 815.
B.Coal—Dunham & Evans. Hermitage mine. Shaft. Horse.
B.Coal—John Sheddon. (Local.)
Stone—C. C. Trout.
B.Coal—N. L. Wiesen. Wiesen mine. Slope. Horse.

HICKMAN, Allegheny Co. Ry. 685. Banking town Pittsburg.
B.Coal—Beechmont Coal & Coke Co. Beechmont mine. Steam. Horse.
B.Coal—Federal Coal Co. Geo. S. Griscom, pres.; E. W. Powers, secy., treas. and gen. mgr. Cap. stk. $10,000 pd. up. Drift. 175,000 tons; 220 days; 350 employes. Horse. Bert Grist, mine supt.
B.Coal—Seargent & McMichael.
B.Coal—H. J. Wick & Co.

HICKORYGROVE, Susquehanna Co. Pop. 200. Tel. Ry. 598. Banking town Susquehanna.
Stone—A. G. Brush. Sandstone quarry at Great Bend.
Stone—Kipp & Rouse.

HIGHHOUSE, Fayette Co. Pop. 73. Banking town and Ry. Uniontown, 49; 660.
B.Coal—Henry Grove. (Local.)

HILLIARDS, Butler Co. Pop. 510. M.O. Tel. Ry. 690.
B.Coal—Royle Coal Co.

HILLSVILLE, Lawrence Co. M.O. Ry. 681. Banking town New Castle.
Stone—Andrews Bros.

HITES, Allegheny Co. Pop. 147. M.O. Ry. 660. Banking town Pittsburg.
B.Coal—McFetridge Bros.

HOAGLAND, Mercer Co. Ry. Mercer, 690.
B.Coal—Jno. Wimer. (Local.)

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HOKENDAUQUA, Lehigh Co. Pop. 1,000. M.O. Tel. Ry. 465. Banking town Catasauqua.
B.Fur.—Thomas Iron Co. Blast furnace.

HOLLIDAYSBURG, Blair Co. Pop. 3,000. M.O. Tel. Ry. 660.
B.Coal—Denniston, Porter & Co.
Roll.M.—Eleanor Iron Co., Tyrone. Fifteen puddling and two heating furnaces. Two trains rolls, one 10-in. and one 18-in.; 300 days; 140 employes. Steam. W. Foster Barry, mill supt.
B.Fur.—Gaysport Furnace.
Roll.M.—Hollidaysburg Iron & Nail Co. J. D. Hemphill, pres.; T. F. Johnston, secy.; J. W. Bracken, treas., gen. mgr. and buyer. Two heating and 8 puddling furnaces. Three trains rolls, one 18-in., one 16-in., one 8-in; 600 employes. Steam. B. F. Creamer, mill supt.
B.Coal—C. H. Porter & Co. Porter mine. Shaft.
B.Coal—Taylor & McCoy Coal & Coke Co.

HOLMESBURG, Philadelphia Co. M.O. Tel. Ry. 660.
Gran.—Holmesburg Granite Co. Granite.
Stone—House of Correction, Philadelphia. Bluestone. Horse. Steam.

HOLLSOPPLE, Somerset Co. Ry. 49. Banking town Johnstown.
B.Coal—Bethel Coal Co. Bethel mine. 20,000 tons; 250 days; 29 employes. Joseph Virgin, mine supt.

HOLT, Beaver Co. Pop. 60. Ry. Cooks Ferry, 660. Banking town Beaver.
B.Coal—J. L. Dougherty. (Local.)
B.Coal—E. S. Scott. (Local.)

HOMESTEAD, Allegheny Co. Pop. 8,000. M. O. Tel. Ry. 660; 681.
B.Coal—Mark Delaney. (Local.)

HOMEWOOD, Beaver Co. Pop. 500. M.O. Tel. Ry. 288a; 688; 681. Banking town Beaver Falls.
Stone—R. D. Davis.
Stone—J. A. Ritchie. Cap. $5,000. Sandstone. Steam and horse.

HOOVERSVILLE, Somerset Co. Pop. 190. M.O. Tel. Ry. 49. Banking town Somerset.
Stone—I. J. Blough & Son. Limestone. Lime-kiln.
B.Coal—J. M. Cable. (Local.)
B.Coal—F. F. Clark. (Local.)
B.Coal—M. Hoover & Bros. 6,000 tons. (Local.)
B.Coal—D. D. Jones. Ocean mine. Slope. Horse.
B.Coal—Jos. Meyers. Tunnel. (Local.)
B.Coal—L. A. Meyers. (Local.)
B.Coal-St.—F. Rodgers. Bituminous coal and stone. Open pit. (Local.)
Stone—A. Washen. Limestone.
B.Coal—C. W. Wright. (Local.)

HOPECHURCH, Allegheny Co. Pop. 95. Ry. 49. Banking town Homestead.
B.Coal—H. B. Hays & Bro.

HOPEWELL, Bedford Co. Pop. 600. M.O. Tel. Ry. 379. Banking town Everett.
B.Coal—Bedford Mining Association.
B.Coal—A. Dodson. (Local.)
B.Coal—Huntingdon & Broad Top Mountain Railroad & Coal Co. Cumberland and Mount Equity mines. Tunnels. Horse.
B.Coal—Lambirth Coal Mining Co. Crescent and Chevington mines. Slope, drift. Steam. Horse.
B.Coal—Raystown Branch Coal Co.

HOPWOOD, Fayette Co. Banking town and Ry. 49; 660.
B.Coal—E. B. Hair. (Local.)
B.Coal—Jos. Hopwood. (Local.)
B.Coal—Ezra Seman. (Local.)

HORATIO, Jefferson Co. M.O. Tel. Ry. 662. Banking town Punxsutawney.
B.Coal—Berwind-White Coal Co., Betz Bldg., Philadelphia. West Eureka Nos. 1, 2, 4, 5, 6, 10, 11 and 12 mines. 615,000 tons; 118 days; 1,290 employes. Steam. A. J. Cook, mine supt.

HORTONS, Indiana Co. Pop. 230. M.O. Tel. Ry. Glen Campbell, 660. Banking town Punxsutawney.
B.Coal—C. Burns & Co.
B.Coal—J. M. Campbell. (Local.)

HOSTETTER, Westmoreland Co. M.O. Ry. 660.
B.Coal—Hostetter Connellsville Coke Co., 59 4th Ave., Pittsburg. Hostetter mine. Slope, 3,000 ft.; 300 employes; 300 coke ovens; 159,500 tons. Steam. John T. Rush, mine supt.

HOUTZDALE, Clearfield Co. Pop. 2,240. M.O. Tel. Ry. 17; 660.
B.Coal—Hirsh & Reed.

HOUTZDALE—Continued.
C.Coal—Moshannon Creek Coal Co. H. H. Test, treas.; John Manierre, gen. mgr. Cap. $2,000. Penarth mine. Drift, 300 ft. Mule. John Manierre, mine supt.
B.Coal—Samuel Murphy. (Local.)
B.Coal—Niagara Coal Co., Ltd., Clearfield. Niagara mine. Tunnel. 30,000 tons. E. S. Kephart, mine supt.
B.Coal—Sterling Coal Co. Sterling mines (10). Drifts and slopes. Steam and horse.
B.Coal—United Collieries Co., 915 Drexel Bldg., Philadelphia. Mt. Vernon No. 3 mine. Slope. 10,000 tons; 50 employes. Steam.
Mt. Vernon No. 4 mine. 10,000 tons; 50 employes. Steam.
Mt. Vernon No. 6 mine. Shaft. 45,000 tons. Steam. Ship. Kendrick.
Mt. Vernon No. 7 mine. Slope. 15,000 tons; 75 employes. Ship. Madera.

HOYTDALE, Beaver Co. M.O. Tel. Ry. 288a. Banking town Beaver Falls.
B.Coal—Beaver Coal & Coke Co. Beaver mine. 40,000 tons; 180 days; 186 employes. Steam. H. K. Hartsuff, mine supt.
B.Coal—Clinton Coal Co, Clinton mine. 10,000 tons; 124 days; 48 employes. A. W. Harbison, mine supt.
B.Coal—L. S. Hoyt. Baker mine. Open pit. 22,000 tons; 70 days; 90 employes. Horse. J. D. Lowrie, mine supt.

HUMMELSTOWN, Dauphin Co. Pop. 1,180. M.O. Tel. Ry. 572.
Lime—Jonas Alwein.
Lime—J. S. Engle. Limestone and kilns.
Stone—C. L. Hershey. Brookside quarry. Limestone. Open pit. Horse.
Stone—Maulfair & Forney. Eagle quarry. Limestone. Lime kiln. Steam.
Stone—Middletown & Hummelstown Stone Co. Limestone and brownstone.

HUNTERS RUN, Cumberland Co. Pop. 100. Tel. Ry. 378; 672. Banking town Carlisle.
Stone—Geo. W. Paxton.

HUNTINGDON, Huntingdon Co. Pop. 5,800 M.O. Tel. Ry. 379; 660.
Iron—Richland Mining Co.

HUNTINGDON VALLEY, Montgomery Co. Pop. 680. M.O. Tel. Ry. 673. Banking town Jenkinton.
Stone—John Jardel. Limestone.

HYNDMAN, Bedford Co. Pop. 1,080. M.O. Tel. Ry. 49; 660.
Stone—Peerless Limestone Co. Limestone.

IDAVILLE, Adams Co. Pop. 173. Ry. 672.
B.Fur.—Chestnut Grove Furnace. Blast furnace.
Stone—Sylvester Fisher. White flint stone. Horse.
B.Coal—Wesley Fisher. (Local.)
B.Coal—M. Gardner. (Local.)

IDLEPARK, Westmoreland Co. Ry. name Idlewild, 469. Banking town Ligonier.
Stone—Booth & Flynn.

IDLEWOOD, Allegheny Co. Pop. 400. Tel. Ry. 686. Banking town Pittsburg.
B.Coal—T. W. Steen. (Local.)

IMPERIAL, Allegheny Co. M.O. Tel. Ry. 554. Banking town Pittsburg.
A.Coal—Imperial Coal Co., Pittsburg. Bower Hill, Montour and Cliff mines. 100 coke ovens. Steam.

INGLESIDE, Westmoreland Co. Pop. 42. Ry. Garvers Ferry Station, 15.
B.Coal—Alex. Walt. (Local.)

IRONORE, York Co. Ry. name Iron Ridge, 660.
Iron—I. H. Maul.

IRONTON, Lehigh Co. Pop. 300. Tel. Ry. 395a. Banking town Allentown.
Stone—Diehl & Folk. Diehls quarry Slate stone. Steam.
Stone—Charles Lobach.
Stone—H. Ramish.
Stone—J. Schoit.
Stone—Thomas Iron Co. Limestone. Steam.

IRWIN, Westmoreland Co. Pop. 2,428. M.O. Tel. Ry. 660; 964.
Iron—Irwin Mining Co.
B.Coal—Penn Gas Coal Co. Penn Gas Nos. 1, 2, 3 and 4, Penn Gas Coal Run and Penn Gas Slope mines. 470,000 tons; 145 days; 1,017 employes. Steam. John F. Wolf, mine supt.

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IRWIN—Continued.
B.Coal—Westmoreland Gas Coal Co. Export mine. 299,000 tons; 226 days; 485 employes. Steam. Larimer Nos. 3 and 4 mines. 284,000 tons; 191 days; 530 employes. South Side and Westmoreland mines. Shaft. 220,000 tons; 220 days; 383 employes. Steam. A. N. Humphreys, mine supt.

JACKSON CENTER, Mercer Co. Pop. 232. M.O. Tel. Ry. 929. Banking town Mercer.
B.Coal—Consumers Coal & Coke Co. Shenango mine. 35,000 tons; 158 days; 126 employes. Steam. T. C. Whitehead, mine supt.
B.Coal—Egbert Coal Co.
B.Coal—James Dye. Ormsby mine. Slope. 46,000 tons; 220 days; 85 employes.
B.Coal—Flier & Co.

JACKSVILLE, Butler Co. Pop. 166. M.O. Ry. Keisters, 690.
B.Coal—J. M. & J. H. Studabaker.

JACOBS CREEK, Westmoreland Co. Pop. 200. Ry. 49; 681. Banking town Slippery Rock.
B.Coal—John Darr. (Local.)
B.Coal—Eureka Coal Co., 11 Wood St., Pittsburg. Eureka mine. Tunnel. Steam.
B.Coal—Sieger, Osborne & Co.

JAMES CREEK, Huntingdon Co. Pop. 265. Ry. Aitch, 379.
Iron—M. J. Davis.
Iron—Solomon Hetrick.
Iron—W. M. Hirst.
Iron—I. A. Isett.
Iron—Geo. Johnston.
Iron—Scott McCracken.
Iron—Geo. Moyer.

JAMESTOWN, Mercer Co. Pop. 822. M.O. Tel. Ry. 288a; 451.
Stone—D. H. Cochran.
St.Lm.—M. F. Ellis. Limestone and lime.

JEANESVILLE, Luzerne Co. M.O. Tel. Ry. 465. Banking town Hazleton.
A.Coal—Lehigh Valley Coal Co., Philadelphia. Spring Mountain Nos. 1 and 4 mines. Daily capacity, 800 tons; 945 employes. Steam. Fred E. Zerby, supt.
A.Coal—Spring Mountain Coal Co.

JEDDO, Luzerne Co. Pop. 358. M.O. Tel. Ry. 133; 248; 465. Banking town Freeland.
A.Coal—Jeddo Tunnel Co.
A.Coal—G. B. Markle. Jeddo Nos. 3 and 4 mines. Shafts. Steam. Breaker.

JENKINTOWN, Montgomery Co. Pop. 1,609. M.O. Tel. Ry. 672.
Stone—F. O'Neill & Son.
Stone—J. Satterthwaite.

JERMYN, Lackawanna Co. Pop. 2,700. M.O. Tel. Ry. 243; 600. Banking town Carbondale.
A.Coal—Delaware & Hudson Canal Co., Scranton. Jermyn No. 1 shaft. 200,000 tons; 179 days; 560 employes. Breaker. Steam. Wm. Bowers, mine supt.
A.Coal—Edgerton Coal Co., Scranton. Edgerton mine. Tunnels. Steam. Breaker.
Stone—Michael Roberts.
A.Coal—Westside Coal Co. Sunshine mine. Tunnel. Steam. Breaker.
Stone—S. C. Whitmore.

JERSEY MILLS, Lycoming Co. Pop. 54. Ry. 302. Banking town Jersey Shore.
Stone—J. W. Clark.
Stone—Eugene Glover.
Stone—James R. Glover. Glover and Underwood quarries. Horse.
Stone—Edward Holt.
Stone—Miller Bros.
Stone—Thomas Parker. Flagstone. Horse.
Stone—John Sebring.
Stone—David Stumpfle, Williamsport.

JOANNA, Berks Co. Pop. 239. M.O. Tel. Ry. 946. Banking town Reading.
I.Fur.—Phoenix Iron Co. Jones mine. Magnetic ore. Steam. Furnace, three stacks. Gray forge pig iron, 41,000 tons.
B.Fur.—L. H. Smith. Blast furnace.

JOHNSTOWN, Cambria Co. Pop. 21,805. M.O. Tel. Ry. 49; 660.
B.Coal—Wm. Barnett. Grabtown mine. Tunnel. (Local.)
B.Coal—Jas. Brooks. (Local.)
R.M.Fur.—Cambria Iron Co. Rolling mill and blast furnace.

JOHNSTOWN—Continued.
B.Coal—J. C. Corfet. (Local.
B.Coal—Eben James. (Local.)
Nickel—Emens Metal Co. Mine at Sudbury, Ontario.
B.Coal—Fulton & Caddy. (Local.)
B.Coal—John F. Griffith. (Local.)
B.Coal—A. J. Haws & Son. A. J. Haws mine. 21,000 tons; 300 days; 40 employes. Steam. H. Y. Haws, mine supt.
B.Coal—Jonathan Horrocks. (Local.)
Roll.M.—Johnson & Co., Lorain, Ohio. Rolling mill.
B.Coal—Mineral Point Coal Co.
B.Coal—W. J. Williams. Williams mine. Open pit. Horse.

JOINT, Allegheny Co. M.O. Ry. name Glenn, 660. Banking town Mansfield Valley.
B.Coal—Alex. Block Coal Co.
B.Coal—Chartiers Valley Coal Co.

JOLIETT, Schuylkill Co. Pop. 78. Ry. Good Spring, 672. Banking town Minersville.
B.Coal—Mrs. E. J. Jenkyn. (Local.)

JONES STATION, Allegheny Co. Ry. 660.
B.Coal—Hilldale Coal Co. Hilldale mine. 66,000 tons; 140 days; 153 employes. Steam. Even Beedle, mine supt.
B.Coal—Jones Coal Co. Fulton mine. 9,000 tons; 35 days; 95 employes. T. M. Jones, mine supt.

JUNIATAVILLE, Fayette Co. Ry. name Juniata, 49.
B.Coal—Juniata Coke Co. Juniata mine. 100,000 tons; 208 days; 202 employes. Steam. Adam Nicholson, mine supt.

KARNS, Allegheny Co. P.O. Natrona. Ry. 660.
B.Coal—P. D. Sherwin. Enterprise mine. 14,000 tons; 150 days; 22 employes.

KARTHAUS, Clearfield Co. Pop. 600. M.O. Tel. Ry. 660.
B.Coal—B. W. Coal Mining Co.
B.Coal—Mortimer & Co.
B.Coal—George Rees & Co.
B.Coal—Spear & Cowan.

KAYLOR, Armstrong Co. Pop. 275. Ry. 660.
B.Coal—David Seybert.

KEARNEY, Bedford Co. Ry. 379. Banking town Everett.
B.Coal—Jos. E. Thropp. Kearney mine. Slope, tunnels. 100 coke ovens.

KECKSBURG, Westmoreland Co. Ry. Greensburg, 660.
B.Coal—Gem Coal & Coke Co. Gem mine. 15,000 tons; 85 days; 80 employes. Steam. Wm. G. Keck, mine supt.

KEIM, Somerset Co. Banking town and Ry. Elk Lick, 49.
B.Coal—Geo. Beale & Co.
B.Coal—Chauncey Engle. (Local.)
B.Coal—Geo. Larew. (Local.)
B.Coal—Will Meri. (Local.)
B.Coal—Gus Winters. (Local.)
B.Coal—Fred Wye. (Local.)

KELLYS STATION, Armstrong Co. Pop. 221. Tel. Ry. 15. Banking town Freeport.
B.Coal—J. R. Smith, Manorville. Glen mine. Tunnel, 1,300 ft.; 39,000 tons; 300 days; 60 employes. Horse.

KIMBLE, Pike Co. Pop. 219. Ry. name Kimbles, 598. Banking town Hawley.
Stone—Ephraim Kimble.

KINGSTON, Luzerne Co. Pop. 2,400. M.O. Tel. Ry. 244.
A.Coal—Delaware, Lackawanna & Western R. R. Co., Scranton. Pettebone shaft. 250 tons per day. 241 employes. Breaker. Steam.
A.Coal—Franklin Coal Co.
A.Coal—Kingston Coal Co. Daniel Edwards, pres. and supt.; E. R. Morgan, secy.; Wm. B. Chamberlain, treas. Cap. stk. $1,000,000. Mines at Edwardsdale.
A.Coal—Lehigh Valley Coal Co. Maltby mine. Shaft. 157,000 tons; 136 days; 560 employes. Steam. Breaker. W. A. Lathrop, supt.
A.Coal—W. G. Payne & Co.
A.Coal—Reynolds & Moyer Coal Co., Ltd. C. H. Reynolds, pres. and gen. mgr.; J. H. Reynolds, secy. and buyer; W. A. Meyer, treas. Cap. stk. $66,000 pd. up. Mine at Avondale.

KITTANNING, Armstrong Co. Pop. 3,059. M.O. Tel. Ry. 15.
B.Coal—B. F. King. (Local.)
Iron—Kittanning Mining Co.
B.Coal—Moses Murphy. (Local.)
B.Coal—Franklin Reynolds. (Local.)
B.Coal—Valley Coal & Mining Co. Mahoning mine. 15,000 tons; 130 days; 53 employes. R. A. Steim, mine supt.

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KITTANNING POINT, Blair Co. Pop. 127. Ry. 660.
B.Coal—Glen White Coal & Lumber Co.
B.Coal—Jas. G. Henry. (Local.)

KNAUERTOWN, Chester Co. P.O. and Ry. St. Peters, 946.
Gran.—Davis Knauer. Granite paving blocks, 900,000; building stone, 1,000 tons; 80 employes. Steam.

KOSSUTH, Clarion Co. Pop. 319. Ry. Shippensville, 683.
B.Coal—N. J. Buzzon. (Local.)

KREAMER, Snyder Co. Pop. 90. Ry. 660. Banking town Selins Grove.
Iron—Bickel Bros., Freeburg. Laurel Hill mine. Tunnel, 100 ft. Red fossil, 1,500 to 2,000 tons per annum when operating. (Idle.)
Iron—G. R. Pountrous.
Iron—Roush & Bickle.

KRUMSVILLE, Berks Co. Pop. 136. Ry Lenhartsville, 672. Banking town Reading.
Slate—W. P. Krum. Slate.

KUTZTOWN, Berks Co. Pop. 1,600. M.O. Tel. Ry. 672.
Slate—J. S. Weidenheimer. Slate.

KYLERTOWN, Clearfield Co. Pop. 699. M.O. Ry. Munson Station, 991a.
B.Coal—John Mons. (Local.)

LAMARTINE, Clarion Co. Pop. 350. M.O. Banking town and Ry. Emlenton, 130.
B.Coal—Wm. Ditman. (Local.)
B.Coal—Harvey McGinnis. (Local.)

LANCASTER, Lancaster Co. Pop. 30,000. M.O. Tel. Ry. 222; 457; 660.
B.Fur.—Chas. B. Grubb. Blast furnace.
St.Lm.—Geo. D. McIlvaine, Bellemonte. McIlvaine quarry. Limestone, lime kilns. 50,000 bu. lime; 240 days; employes. Steam.
Stone—Dr. I. H. Mayer. Gneiss building stone.
B.Fur.—Peacock & Thomas. Blast furnace.
Roll.M.—Pennsylvania Iron Co. Rolling mill.

LANESBORO, Susquehanna Co. Pop. 400. M.O. Ry. 243; 598. Banking town Susquehanna.
Stone—Botts & Taylor.
Stone—C. M. Taylor.

LANES MILLS, Jefferson Co. M.O. Ry. 98; 660.
B.Coal—Lane & Humphreys.

LANGDONDALE, Bedford Co. Ry. 279. Banking town Everett.
B.Coal—United Collieries Co., 915 Drexel Bldg., Philadelphia. Cambria No. 1 mine. Slope, 25,000 tons. Steam. Cambria No. 2 mine. Slope. 20,000 tons. Steam. Cambria No. 3 mine. Shaft. 40,000 tons. Steam.

LANGHORNE, Bucks Co. Pop. 780. M.O. Tel. Ry. 660; 672.
Stone—Langhorne Spring Water Co. Building stone.

LANSFORD, Carbon Co. Pop. 4,150. M.O. Tel. Ry. 133. Banking town Mauch Chunk.
A.Coal—Geo. M. Davis. (Local.)
A.Coal—John W. Davis. (Local.)
A.Coal—Lehigh Coal & Navigation Co. Collieries No. 4, 5, 6. Steam. Breaker.
A.Coal—Wm. Pritchard. (Local.)
A.Coal—John T. Williams. (Local.)

LARKSVILLE, Luzerne Co. Pop. 490. Ry. Kingston, 244. Banking town Wilkes-Barre.
Stone—Harrison Nesbitt.

LATROBE, Westmoreland Co. Pop. 8,680. M.O. Tel. Ry. 469; 660.
B.Coal—Derry Coal & Coke Co. Derry mine. 130,000 tons; 205 days; 182 employes. Steam. E. F. Saxman, mine supt.
B.Coal—H. C. Frick Coke Co., Pittsburg. Monastery mine. Slope. 61,000 tons; 118 days; 173 employes. Steam. A. F. Downing, mine supt.
B.Coal—Latrobe Coal Co. Latrobe Coal Works mine. 106,000 tons; 176 days; 178 employes. Steam. D. W. Jones, mine supt.
Roll.M.—Latrobe Steel Works. Rolling mill.
B.Coal—Ligonier Coal Co. S. H. Smith mine. 35,000 tons; 288 days; 35 employes. Joseph C. Knapper, mine supt.
B.Coal—Loyal Hanna Coal & Coke Co., Bullitt Bldg., Philadelphia. Loyal Hanna No. 2 mine. Shaft, 180 ft. Steam. R. M. McKinney, mine supt.
B.Coal—McFadgen Coal Co.
B.Coal—M. Saxman, Sr. Saxman mine. 29,000 tons; 109 days; 46 employes. Steam. Frank Kiernan, mine supt.

LATTIMER MINES, Luzerne Co. Ry. Lattimer, 465. Banking town Hazleton.
A.Coal—Pardee Bros. & Co. Latimer mine. Slope. Steam. Breaker.
A.Coal—Pardee Sons & Co.

LAWSONHAM, Clarion Co. Pop. 300. Tel. Ry. 15. Banking town East Brady.
B.Coal—Avondale Coal Co.
B.Coal—Avondale Mining & Mfg. Co. Avondale mine. 26,000 tons; 155 days; 71 employes. James Mitchell, mine supt.
B.Coal—Jos. Blair. (Local.)
B.Coal—Keystone Coal Mining Co. Keystone mine. Open pit.
B.Coal—J. Traister, Jr. (Local.)

LEBANON, Lebanon Co. Pop. 15,000. M.O. Tel. Ry. 222; 223; 672.
Stone—Colebrook Furnace and Limestone Quarry. Limestone.
B.Fur.—Colebrook & Cornwall. Blast furnace.
Roll.M.—East Lebanon Iron Co. Rolling mill.
B.Coal—Forestville Coal Co.
Stone—Hartlieber Bros.
C.E.Ch.—George W. Hayes, Civil and Consulting Engineer and Chemist, west end of Willow St.
Roll.M.—Lackawanna Iron & Steel Co., New York. Rolling mill. Steel rails.
R.M.Fur.—Lebanon Iron Co. Rolling mill and blast furnace.
Roll.M.—Lickdale Iron Co. Rolling mill.
B.Fur.—J. & R. Melly. Blast furnace. Pig iron, 14,600 tons. Limestone for flux in blast furnace. D. H. Light, supt.
Stone—J. B. Millard. Limestone.
C.M.E.—William G. Miller, Civil and Mining Engineer, 846 Cumberland St.
Roll.M.—Pennsylvania Bolt & Nut Co. Arthur Brock, pres.; Horace Brock, v. pres.; Jas. Lord, secy., treas. and gen. mgr.; W. D. Zehnder, buyer. Rolling mill. Six trains rolls, one 20-in., one 16-in., two 12-in., one 8-in. and one 10-in. 40,000 tons; 300 days; 1,200 employes. Steam.
Roll.M.—West End Rolling Mill Co., Ltd.

LEBOEUF, Erie Co. Pop. 150. Ry. 660.
Stone—Frank Singir.

LEECHBURG, Armstrong Co. Pop. 2,000. M.O. Tel. Ry. 660.
B.Coal—Avonmore Coal Co. Avonmore mine. 70,000 tons; 230 days; 120 employes. L. W. Hicks, mine supt.
B.Coal—Bagdad Coal & Coke Co. Bagdad Nos. 2 and 3 mines. 38,000 tons; 245 days; 66 employes. Alfred Hicks, mine supt.
B.Coal—J. G. Beall & Co. Beall mine. 14,000 tons; 305 days; 52 employes. Geo. Knapshield, mine supt.
B.Coal—Brackenridge Coal Co.
B.Coal—Gilpin Coal Co. Gilpin mine. 30,000 tons; 240 days; 71 employes. N. S. Hicks, mine supt.
B.Coal—Haddon Coal Co. Haddon mine. 30,000 tons; 300 days; 65 employes. N. S. Hicks, mine supt.
Roll.M.—Kirkpatrick & Co., Ltd. J. W. Kirkpatrick, pres.; M. W. Leech, secy. and treas. Cap. stk., $200,000 pd. up. Leechburg Iron & Steel Works. Twenty-five rolling mill and two 20-ton open hearth furnaces. Six trains rolls. Sheet iron and steel. 10,000 tons; 300 days; 500 employes. Steam.
B.Coal—Leechburg Coal & Coke Co. Leechburg Nos. 3 and 4 mines; 50,000 tons; 239 days; 72 employes. Steam. A. W. Ashbaugh, mine supt.
B.Coal—Lewis Coal Co. Blackstone mine; 40,000 tons; 260 days; 95 employes. N. S. Hicks, mine supt.
B.Coal—Pine Run Coal Co. Pine Run mine; 30,000 tons; 230 days; 61 employes. Alfred Hicks, mine supt.
B.Coal—West Penn Coal & Coke Co. West Penn mine; 30,000 tons; 220 days; 49 employes. David A. Kistler, mine supt.

LEEPER, Clarion Co. Pop. 150. M.O. Tel. Ry. Tylersburg, 683.
B.Coal—J. L. Krauser & Co.

LEESPORT, Berks Co. Pop. 620. Tel. Ry. 660; 672. Banking town Reading.
B.Fur.—Leesport Iron Co. Blast furnace.

LEHIGH GAP, Carbon Co. Pop. 380. Tel. Ry. 133. Banking town Slatington.
Iron—Henry Erwin. Black Rock mine. Shaft. Open pit. Steam.

LEHIGHTON, Carbon Co. Pop. 3,000. M.O. Tel. Ry. 133; 465.
Slate—Lehigh Coal & Hardware Co. Slate.

LEINBACHS, Berks Co. Pop. 170. Banking town and Ry. Reading, 660; 672; 946.
Stone—P. Fisher.
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LEISENRING, Fayette Co. Pop. 835. M.O. Tel. Ry. 660. Banking town Connellsville.
B.Coal—H. C. Frick Coke Co. Leisenring No. 1 mine; 195,000 tons; 235 days; 414 employes.
Leisenring No. 3 mine; 188,000 tons; 213 days; 490 employes. Steam. John A. Esser and Austin King, mine supts.

LEITHSVILLE, Northampton Co. Pop. 157. Ry. Bingen, 672.
A.Coal—J. M. Weaver. (Local.)

LEMONT FURNACE, Fayette Co. M.O. Tel. Ry. 49; 660. Banking town Bellefonte.
B.Coal—McClure Coke Co. Lemont No. 1 mine; 105,000 tons; 240 days; 211 employes.
Lemont No. 2 mine; 143,000 tons; 233 days; 298 employes. Steam. M. H. Kerr, mine supt.
B.Coal—Youngstown Coke Co., Ltd. Youngstown mine; 90,000 tons; 164 days; 238 employes. Steam. F. M. Fox, mine supt.

LENHARTSVILLE, Berks Co. Pop. 152. Tel. Ry. 672. Banking town Reading.
B.Fur.—J. K. Spang. Blast furnace.

LENOX, Susquehanna Co. Pop. 111. Ry. Hop Bottom, 244.
Stone—Hiram Buck. Buck quarry. Bluestone.

LEOTA, Butler Co. Ry. Saxonburg, 660. Banking town Butler.
B.Coal—T. S. Johnston. (Local.)
B.Coal—Thos. Rouse, Jr. (Local.)

LEWISBURG, Union Co. Pop. 3,248. M.O. Tel. Ry. 660; 672.
Roll.M.—Lewisburg Iron & Steel Co. Rolling mill.

LEWISTOWN, Mifflin Co. Pop. 3,273. M.O. Tel. Ry. 660.
R.M.Fur.—Logan Iron & Steel Co. Rolling mill and blast furnace.
Stone—A.McCauly.
Stone—Wm. Willis.

LIBRARY, Allegheny Co. Pop. 213. Ry. Finleyville, 49. Banking town Pittsburg.
B.Coal—J. A. Landerbaugh. (Local.)

LIGONIER, Westmoreland Co. Pop. 900. M.O. Tel. Ry. 469.
B.Coal—M. Keffer. Keffer mine. Open pit. (Local.)
B.Coal—Wm. C. Knox. Knox mine. Open pit. (Local.)
B.Coal—Alex. Mehaire. (Local.)
B.Coal—A. B. Myers. (Local.)
B.Coal—Robt. Peoples. (Local)
B.Coal—C. R. Wetheran. (Local.)

LILLY, Cambria Co. M.O. Tel. Ry. 660. Banking town Ebensburg.
B.Coal—Bear Rock Coal Co. John Lealley, pres. and gen. mgr.; D. Laughman, treas. Cap., $20,000. Drift, 4,000 ft.: 40,000 tons; 216 days; 135 employes. Operate 3½ miles of Ry.,,1 locomotive. Thos. Morran, mine supt.
B.Coal—Hughes & Co. (Local.)
B.Coal—Caron Leahy. (Local.)
B.Coal—Lilly Coal Co., 17 Masonic Temple, Altoona. Lilly Slope mine. Slope 150 ft.; soft vertical; 28,000 tons; 129 days; 50 employes. Steam. N. Evans, mine supt.
B.Coal—W. H. Piper Co., Betz Bldg., Philadelphia. Semi-bituminous coal. Sonman Nos. 1 and 2. Drift, 10,500 ft.; 200,000 tons; 240 days; 350 employes. Horse and rope haulage. F. Mortensen and P. Leahey, mine supts.
B.Coal—Standard Coal Co., 1st Nat. Bank Bldg., Altoona. Standard mine. Slope and tunnel, 8,500 ft.; 50,000 tons; 150 days; 125 employes. Steam. N. Evans, mine supt.

LIMA, Delaware Co. Pop. 507. Ry. Glen Riddle, 675.
Gran.—Jesse Hibberd. 1,250 tons. Building and road granite. Steam. Stone crusher.
Mica—John D. Smedley.

LIMEHILL, Bradford Co. Banking town and Ry. Wyalusing, 465.
Stone—Horace Ruger. Limestone.
Stone—J. Stuthers.

LINCOLN, Lancaster Co. Pop. 1,000. M.O. Ry. Ephrata, 672.
M.St.—Ben Wissler. Cap., $3,000. Mill Stone. Quarry at Durlach.

LIPPINCOTT, Green Co. Pop. 66. Banking town and Ry. Waynesburg, 924.
B.Coal—Wm. Bennett. (Local.)
B.Coal—John Gage. (Local.)

LISTONBURG, Somerset Co. Pop. 69. Ry. Confluence, 49. Banking town Meyersdale.
B.Coal—Liste Mining & Manufacturing Co. Krabs mine. Tunnel.
B.Coal—Jesse Liston. 2 employes. (Local.)
Stone—J. McCartney.
B.Coal—Wm. Miller. (Local.)

LITTLETOWN, Adams Co. Pop. 191. M.O. Tel. Ry. 660.
Stone—C. H. Daulters.
St.Lm.—Geo. N. Riffle & Bro. Limestone. Lime-kilns. Steam.

LLEWELLYN, Schuylkill Co. Pop. 412. Ry. 672. Banking town Minersville.
A.Coal—Albright Coal Co., Pottsville. Albright Colliery. Slope, 60,000 tons; 160 employes. Steam. Breaker and washer. James Archbald, Jr., mine supt.

LLOYDVILLE, Cambria Co. Pop. 304. M.O. Tel. Ry. 662. Banking town Altoona.
B.Coal—Fred Bland. (Local.)
B.C.F.C.—Cambria Fire Brick Co. Bituminous coal and fire clay. Drift. Horse.
B.Coal—Fredericks & Bower.

LOBBS RUN, Allegheny, Co.
B.Coal—Joseph Walton & Co., 134 Water St., Pittsburg. Drift. 50,000 tons. Steam and horse.

LOCK NO. 4, Washington Co. Pop. 56. Tel. Ry. 660. Banking town Washington.
B.Coal—Rostraver Coal Co. Rostraver mine; 60,000 tons; 225 days; 170 employes. Steam. D. G. Jones, mine supt.

LOCKPORT STATION, Westmoreland Co. Pop. 163. Ry. Lockport, 660. Banking town Johnstown.
B.Coal—Bolivar Coal & Coke Co. Lockport mine; 6,800 tons; 120 days; 26 employes. Steam. Geo. H. Richards, mine supt.

LOCUSTDALE, Schuylkill Co. Pop. 280. Ry. 672. Banking town Ashland.
A.Coal—Philadelphia & Reading Coal and Iron Co., Philadelphia, 227 S. 4th St. Keystone, Jig and Potts mines; 130,000 tons; 180 days; 250 employes. John Veith, supt.

LOCUST GAP, Northumberland Co. Pop. 1,690. M.O. Tel. Ry. 672. Banking town Shamokin.
A.Coal—Philadelphia & Reading Coal and Iron Co., Philadelphia. Monitor and Locust Gap and Locust Spring mines; 370,000 tons; 156 days; 1,105 employes. Steam. Breaker. John Veith, supt.

LOCUST SUMMIT, Northumberland Co. P.O. Pottsville. M.O. Tel. Ry. 672.
A.Coal—Philadelphia & Reading Coal and Iron Co., 227 S. 4th St., Philadelphia. Merriman mine. Steam. Breaker.

LOGANSPORT, Armstrong Co. Pop. 69. Ry. 15. Banking town Kittanning.
Stone—Smith Bros.

LONEPINE, Washington Co. Pop. 146. Banking town and Ry. Washington, 49; 660.
B.Coal—S. S. Bayne. (Local.)
B.Coal—D. W. & D. C. Paul.

LONGVALLEY, Bradford Co. Pop. 213. Ry. name Long Valley Junction, 55.
B.Coal—Long Valley Coal Co., Towanda. Long Valley mine. Drift, 100,000 tons; 100 employes.
B.Coal—McFarlane & Son.

LORBERRY, Schuylkill Co. P.O. and Ry. Joliett, 672.
A.Coal—Philadelphia & Reading Coal and Iron Co., Philadelphia. Lincoln mine; 345,000 tons; 220 days; 735 employes. Steam. Breaker. R. C. Luther, supt.

LOSTCREEK, Schuylkill Co. Pop. 237. M.O. Tel. Ry. 465; 672. Banking town Mahanoy City.
A.Coal—Lehigh Valley Coal Co. Packer Nos. 2, 3, 4 and 5 mines. Shafts; 545,000 tons; 140 days; 1,500 employes. Steam. Breaker. Col. D. P. Brown, mine supt.
A.Coal—Daniel Toland. (Local.)

LOVEVILLE, Center Co. Pop. 134. Ry. 660. Banking town Bellefonte.
Iron—Dunkirk Ore Mine. Richard A. Downing, pres.; E. K. Rhoads, gen. mgr. and buyer. Dunkirk mine. Open pit. Brown hematite ore; 10,000 tons; 40 employes when working. Steam and compressed air. (Idle.)

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LOVI, Beaver Co. Ry. Freedom, 660.
B.Coal—Andrew Emerick. (Local.)
B.Coal—George Emerick. (Local.)

LOYALHANNA, Westmoreland Co. M.O. Tel. Ry. 660.
B.Coal—Loyal Hanna Coal & Coke Co., Bullitt Bldg., Philadelphia. Loyalhanna No. 1 mine. Shaft, 142 ft. Steam. Washer. Pandora mine. Shaft 152 ft. Steam. R. M. McKinney, mine supt. 136 coke ovens.

LOYSBURG, Bedford Co. Pop. 511. M.O. Ry. Curryville, 660. Banking town Martinsburg.
Stone—Chas. Samuels. Bayers quarry. Limestone.

LUCESCO, Westmoreland Co. Pop. 48. Ry. 660. Banking town Freeport.
B.Coal—Bell Coal Co. Lucesco mine; 6,000 tons; 33 employes. Steam. John H. Stewart, mine supt.

LUMBERVILLE, Bucks Co. Pop. 262. M.O. Ry. Raven Rock, N. J., 660. Banking town Doylestown.
Stone—W. Kemble.
Stone—W. S. Paxon.
A.Coal—John C. Haddock, Wilkes-Barre.

LUZERNE, Luzerne Co. Pop. 2,398. M.O. Tel. Ry. 465. Banking town Wilkes-Barre.
A.Coal—Plymouth Coal Co., Coal Exchange Bldg., Wilkes-Barre. Black Diamond mine. Shaft, 560 ft.; 180 days; 325 employes. Steam. Breaker and washer. J. B. Davies, mine supt.
A.Coal—J. H. Swoyer & Co.
A.Coal—Thos. Waddell Estate. E. Straup, gen. mgr. and buyer. Mill Hollow Colliery. Shaft, 412 ft.; 200,000 tons; 250 days; 500 employes. Steam. Breaker. Geo. W. Waddell, mine supt.

LYCIPPUS, Westmoreland Co. Pop. 96. Banking town and Ry. Greensburg, 660.
B.Coal—Philip Aukenan. (Local.)
B.Coal—Henry Bash. (Local.)
B.Coal— John Firens. (Local.)
B.Coal—Henry Gross. (Local.)
B.Coal—Jacob Rumbaugh. (Local.)
B.Coal—Jacob Sauer. (Local.)

LYKENS, Dauphin Co. Pop. 2,450. M.O. Tel. Ry. 613; 944.
A.Coal—Lykens Valley Railroad & Coal Co. Short Mountain mine. Tunnel. Drift, slopes. Steam. Breaker. Washer.

LYNNPORT, Lehigh Co. Pop. 132. Tel. Ry. 672. Banking town Slatington.
Slate—Bower Slate & Pencil Quarry Co., New York.
Slate—Enterprise Slate Co. Ontalaunee quarry. Open pit. Mills. Steam.
Slate—J. K. Henry. Slate.
Slate—J. B. Jones. Slate.
Slate—A. F. McHose. Slate.
Slate—Slatington Slate Co., Main and 2d Sts., Slatington. Lynnport quarry. 36,000 sq. ft.; 260 days; 13 employes. Steam.

McCANDLESS, Butler Co. Pop. 234. Ry. Fleever, 690. Banking town Butler.
B.Coal—J. W. Campbell. (Local.)
B.Coal—John Graham. (Local.)
B.Coal—R. J. Miller. (Local.)

McCLEARY, Beaver Co. Pop. 31. Ry. Cooks Ferry, 660. Banking town Beaver.
B.Coal—S. S. Kennedy. (Local.)

McDONALD, Washington Co. Pop. 1,698. M.O. Tel. Ry. 686.
B.Coal—Pittsburgh & Western Coal & Coke Co., 119 Dearborn St., Chicago. Three mines. Shafts, drift; 400,000 tons.
B.Coal—Patterson & Sauters.
B.Coal—J. D. Sauters. (Local.)

McGEES MILLS, Clearfield Co. Pop. 103. M.O. Ry. name McGees, 660; 662. Banking town Clearfield.
Stone—McMannus & Reiley.

McGOVERN, Washington Co. Ry. 686. Banking town Washington.
B.Coal—Cook & Sons. Allison mine. Drift.

McKEE GAP, Blair Co. Pop. 164. Ry. name McKees, 660. Banking town Hollidaysburg.
Stone—Wm. Bice.
Stone—J. Carl.
Stone—Juniata Ganister Co. McKee Gap quarry. Slope.
Stone—Manning & Davis.
Stone—T. M. Rice.

McKEESPORT, Allegheny Co. Pop. 20,741. M.O. Tel. Ry. 49; 486A; 660; 681; 944a.
B.Coal—Ella Coal Co. Ella mine; 120,000 tons; 225 days; 124 employes. Steam. John O'Neil, mine supt.
B.Fur.—Monongahela Furnace Co. Blast furnace.
Phos.—National Phosphate and Mining Co.
B.Coal—Robbins & Co.
B.Coal—Stone & Nimmo.
Roll.M.—U. S. Iron & Tin Plate Manufacturing Co., 8th and Ward Sts. W. C. Cronemeyer, pres.; Edw. Ely, v. pres.; C. V. McLean, secy.; F. E. Schenck, treas.; A. J. Demmler, gen. mgr.; W. L. Mussler, buyer. Cap. stk., 500,000; $465,000, pd. up. Rolling mill, 33 heating and puddling furnaces; 9 trains hot rolls; 3 trains cold rolls; 1,200 tons sheet iron; 300 days; 550 employes. Steam.
Roll.M.—W. Dewees Wood Co., 2d and Walnut Sts. W. D. Wood, pres.; R. G. Wood, v. pres.; Alan W. Wood, secy. and treas.; Thos. D. Wood, supt.; S. M. Cooper, buyer. Cap. stk., $1,500,000, pd. up. McKeesport Iron Works. Rolling mill. 12 puddling, 6 heating, 16 pair, 16 sheet and 18 fin. furnaces; 9 20-inch and 6 24-inch trains rolls; 294 days; 972 employes. Steam, 18,000 tons sheet iron.

McVEYTOWN, Mifflin Co. Pop. 599. M.O. Ry. 660.
Stone—Enterprise Sand Co. Glass sandstone, 30,000 tons; 300 days; 40 employes. Steam. William Ewing, quarry supt.
Stone—Macklin & Stevenson. J. Macklin, buyer. Glass sandstone, 20,000 tons; 300 days; 25 employes. Steam.

McWILLIAMS, Armstrong Co. Ry. New Mayville, 15. Banking town New Bethlehem.
B.Coal—W. C. Richards. (Local.)

MABEL, Schuylkill Co. Pop. 81. Ry. Gordon, 672. Banking town Ashland.
A.Coal—John Zerby. (Local.)

MACUNGIE, Lehigh Co. Pop. 644. M.O. Tel. Ry. 672. Banking town Allentown.
B.Fur.—Macungie Iron Co., Harrison Bldg., Philadelphia. Stack 56x16 ft. (Out of blast.)

MADERA, Clearfield Co. Pop. 164. M.O. Tel. Ry. 660.
B.Coal—Vulcan Coal & Coke Co., Philadelphia. Vulcan mines Nos. 1 and 2. Steam.

MADISON, Westmoreland Co. Pop. 201. Ry. 660. Banking town Greensburg.
B.Coal—John Brisbine. (Local.)
B.Coal—T. B. Brown. (Local.)
B.Coal—Ezra Highberger. (Local.)
B.Coal—Daniel Mull. (Local.)

MAHONING, Armstrong Co. Pop. 159. Tel. Ry. 15. Banking town Kittanning.
I.St.—McElrary & Stone. Iron and limestone.
B.Coal—Valley Coal & Mining Co.
A.Coal—Morea Coal Co.
A.Coal—Neville & Co.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Elmwood, Mahanoy City, North Mahanoy, Schuylkill and Tunnel Ridge mines; 650,000 tons; 175 days; 2,100 employes. Steam. Breakers. John Veith, supt.

MAHANOY CITY, Schuylkill Co. Pop. 11,286. M.O. Tel. Ry. 465; 672.
A.Coal—Draper Coal Co.

MAHANOY PLANE, Schuylkill Co. Pop. 2,145. M.O. Tel. Ry. 672. Banking town Girardsville.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia, 224 S. 4th St. Bear Ridge mine; 260,000 tons; 180 days; 750 employes. Steam. Breaker. John Veith, supt.

MAMMOTH, Westmoreland Co. M.O. Ry. 722a. Banking town Greensburg.
B.Coal—H. C. Frick Coke Co. Mammoth Nos. 1 and 2 mines; 245,000 tons; 255 days; 487 employes. Charles B. Franks, mine supt.

MANHEIM, Lancaster Co. Pop. 2,100. M.O. Tel. Ry. 222; 672.
Slate—D. W. Erb.

MANORDALE, Westmoreland Co. Pop. 578. Ry. Export, 660. Banking town Irwin.
B.Coal—Jno. P. Kemmerer & Son.
B.Coal—James Stewart. (Local.)

MANORVILLE, Armstrong Co. Pop. 392. M.O. Tel. Ry. 15. Banking town Kittanning.
B.Coal—J. R. Smith. Cap., $28,000. Mine at Kelleys.

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MANOWN, Allegheny Co. Ry. 681. Banking town Monongahela.
B.Coal—Youghiogheny Gas Coal Co. Manown mine; 150,000 tons; 200 employes. Steam. Lute Hornickle, mine supt.

MANSFIELD VALLEY, Allegheny Co. Pop. 2,352. P.O. Carnegie. Banking town Waynesburg.
B.Coal—Robert Bell. (Local.)
B.Coal—Grant Coal Co.
B.Coal—Gregg & Co.
B.Coal—Jones & Scott.
B.Coal—Sanford & Co. (Local.)
B.Coal—Steen & Son. (Local.)

MAPLE DALE, Schuylkill Co. (P.O. St. Nicholas, Pa.)
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia, 227 S. 4th St. Ellangowan mine; 270,000 tons; 170 days; 900 employes. Steam. Breaker.

MAPLETON DEPOT, Huntingdon Co. Pop. 813. M.O. Ry. name Mapleton, 660.
Stone—Swope & Gayton.

MAPLETOWN, Greene Co. Pop. 134. Ry. Greensboro. Banking town Waynesburg, 924.
B.Coal—Henry Debolt. (Local.)
B.Coal—Minor & Co.

MARBLE HILL, Somerset Co. P.O. Confluence. Ry. 49.
Marble Hill Quarry Co., Pittsburg. Marble Hill quarry. Granite. Slope. Steam.

MARION CENTER, Indiana Co. M.O. Banking town and Ry. Indiana, 660.
B.Coal—Abram Avery. (Local.)
B.Coal—Lamberg Bros.
B.Coal—Jno. Vanleer. Vanleer mine. Open pit. (Local.)

MARSHWOOD, Lackawanna Co. Ry. 598.
A.Coal—Moosic Mountain Coal Co. Scranton. Moosic Mountain mine. Slope. Drift. Steam. Breaker.

MASONTOWN, Fayette Co. Pop. 391. M.O. Tel. Banking town and Ry. Uniontown, 49; 660.
B.Coal—Wm. Snider. (Local.)

MASSEYSBURG, Huntingdon Co. Ry. Petersburg, 660. Banking town Huntingdon.
Iron—Bellfonte Iron Co.

MASTHOPE, Pike Co. Pop. 210. Tel. Ry. 598. Banking town Port Jervis, N. Y.
Stone—H. C. Connor.
Stone—J. Q. A. Connor.

MAUCH CHUNK, Carbon Co. Pop. 4,101. M.O. Tel. Ry. 133; 465; 861A.
B.Fur.—Carbon Iron Works. Blast furnace.
A.Coal—H. D. Cortright & Son.
A.Coal—Lentz, Lilly & Co.
A.Coal—Mill Creek Coal Co. Warren Delano, Jr., pres.; T. D. Jones, v. pres. and buyer; F. Bertolette, secy.; A. T. Burr, treas. Cap. stk., $100,000. Mines at Vulcan and Buck Mountain.
A.Coal—Silver Brook Coal Co.
A.Coal—J. S. Wentz & Co.
A.Coal—Whitney & Kemmerer.

MAYFIELD, Lackawanna Co. Ry. 243; 600.
A.Coal—Hillside Coal & Iron Co., Scranton. Glenwood, Erie and Keystone Drift mines; 415,500 tons; 110 days; 638 employes. Breaker. Steam. W. A. Walker, mine supt.

MEADVILLE, Crawford Co. Pop. 9,520. M.O. Tel. Ry. 598; 690.
Stone—Benjamin McNeil.

MECHANICSBURG, Cumberland Co. Pop. 3,691. M.O. Tel. Ry. 235.
Iron—Alex. Underwood.

MEDIA, Delaware Co. Pop. 2,736. M.O. Tel. Ry. 675.
Stone—J. D. Tuckerman.

MENDON, Westmoreland Co. Pop. 146. Ry. W. Newton, 49; 681.
B.Coal—J. S. Ellenberger. (Local.)
B.Coal—F. M. Kritzer. (Local.)
B.Coal—S. M. Kritzer. (Local.)

MERCER, Mercer Co. Pop. 2,138. M.O. Tel. Ry. 690; 929.
B.Coal—Carver Coal Co. Carver mine; 24,000 tons; 98 days; 108 employes. Steam. Frank Filer, mine supt.

MERCER—Continued.
B.Coal—Filer, Sutliff & Co. Black Diamond No. 1 mine; 25,000 tons; 80 days; 83 employes. Black Diamond No. 2 mine; 20,000 tons; 100 days; 82 employes. Steam. Frank Filer, mine supt.
B.Coal—Shenango Coal & Mining Co.

MERTZTOWN, Berks Co. Pop. 483. M.O. Tel. Ry. 612. Banking town Reading.
Iron—Samuel Dresher.
Iron—Chas. Folk.
Iron—T. L. Fritch & Bro.
Min.P.—Mertztown Paint & Ochre Co., Ltd. M. L. Fritch, pres.; T. L. Fritch, secy.; L. L. Fritch, treas. Ochre, umber, metallic brown; 300 days; 25 employes. Steam.
Iron—George H. Roth.
F.Clay—Star Clay Co. Fire clay.

MESHOPPEN, Wyoming Co. Pop. 597. M.O. Tel. Ry. 465. Banking town Tunkhannock.
Stone—S. H. Jenkins.
Stone—New York & Wyoming Valley Stone Co.
Stone—Adolph Lemon. Cap., $50,000. Rocky Forest, Allerdict, Beecher and Hill quarries. Wyo. Val. Blue Stone. 500,000 cu. ft. Stone mill. 85 employes. Steam.
Stone—Winans Bros.

MEYERSDALE, Somerset Co. Pop. 1,847. M.O. Tel. Ry. 49.
B.Coal—Casselman Coal Co. Casselman mine; 25,000 tons; 130 days; 66 employes. Steam. Wm. G. Hocking, mine supt.
B.Coal—Cumberland & Elk Lick Coal Co. Shaws' mine; 72,000 tons; 186 days; 102 employes.
Shaws' Grassy Run mine; 12,000 tons; 194 days; 20 employes. A. Chamberlin, mine supt.
B.Coal—Cumberland & Summit Coal & Coke Co. Cumberland mine; 31,000 tons; 175 days; 67 employes. Fred Rowe, mine supt.
B.Coal—Fair View Coal Co. Fair View mine; 30,000 tons; 99 days; 85 employes. Thomas Rees, mine supt.
B.Coal—Hocking Coal Co. Baltimore. Open pit.
B.Coal—Pinnell & Morgan. Morgan mine; 5,400 tons; 100 days; 12 employes. L. A. Morgan, mine supt.
B.Coal—Benj. Thomas. Thomas mine; 12,000 tons; 224 days; 17 employes.
M.E.—E. J. Weld, Mining Engineer. Supt. of Keystone Coal Co.

MIDDLE CREEK, Schuylkill Co. P.O. and Ry. Donaldson, 672.
B.Coal—Philadelphia & Reading Coal & Iron Co., 227 S. 4th St., Philadelphia. Middle Creek mine. Shaft. Steam. Breaker.

MIDDLEPORT, Schuylkill Co. Pop. 671. Tel. Ry. 672.
A.Coal—Lehigh Coal & Navigation Co., Philadelphia. Steam. Breaker.
A.Coal—Louis Lorenz & Sons.
A.Coal—Priest & Dorme.

MIDDLETOWN, Dauphin Co. Pop. 5,100. M.O. Tel. Ry. 660; 672.
B.Fur.—Cameron Furnace Co. Blast furnace.

MIDWAY, Washington Co. Pop. 727. M.O. Tel. Ry. 686.
B.Coal—Midway Block Coal Co.
B.Coal—T. B. Robbins & Co.
B.Coal—Walnut Hill Coal Co.

MILANVILLE, Wayne Co. Pop. 131. Ry. Cochecton, N. Y., 598. Banking town Honesdale.
Stone—M. C. N. Johnston.

MILESBURG, Center Co. Pop. 1,032. M.O. Tel. Ry. 660. Banking town Bellefonte.
R.M.Fur.—McCoy & Linn. Rolling mill and blast furnace.

MILESVILLE, Allegheny Co. P.O. Sunnyside. Ry. 681.
B.Coal—Robt. Jenkins, Pittsburg. Milesville mine. Open pit. Steam. (Local.)

MILFORD STATION, Somerset Co. Pop. 90. Ry. 49; 55a. Banking town Somerset.
B.Coal—T. Sanner. (Local.)

MILLBROOK, Mercer Co. Pop. 100. Ry. Jackson Center, 929. Banking town Sandy Lake.
B.Coal—Thos. Northcote. (Local.)

MILLERSTOWN, Perry Co. Pop. 594. M.O. Tel. Ry. 660. Banking town Newport.
Iron—Thos. Mankwell.
Iron—Isaac Pellow.
Iron—Pellow & Barrett.
Iron—James Rounsley. Cap., $10,000. Rounsley's mine. Tunnel, 2,100 ft.; 5,000 tons; 300 days; 20 employes. One canal boat. Wm. Rounsley, mine supt.

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MILLSBORO, Washington Co. Pop. 318. Banking town and Ry. Brownsville, 660.
B.Coal—Fox Coal Co. Fox mine; 7,000 tons; 38 employes. Goodloe Michener, mine supt.

MILLSTONE, Elk Co. Pop. 166. Tel. Ry. Brookville, 15. Banking town Ridgway.
B.Coal—R. G. Irwin. (Local.)

MILLTOWN, Chester Co. Pop. 104. Tel. Banking town and Ry. West Chester, 660; 675.
Iron—R. P. Cochran.

MILLWOOD, Westmoreland Co. Pop. 454. M.O. Tel. Ry. 660.
B.Coal—Millwood Coal & Coke Co. Millwood mine. Shaft; 73,000 tons; 181 days; 135 employes. Steam. E. B. Kimmell, mine supt.

MILNESVILLE, Luzerne Co. Pop. 824. M.O. Tel. Ry. 465. Banking town Hazleton.
A.Coal—Milnesville Coal Co.
A.Coal—A. S. Van Wickle. Hazleton. Milnesville mine. Slope. Open pit. Breaker. Steam.

MILTON, Northumberland Co. Pop. 5,317. M.O. Tel. Ry. 613; 660; 672.
Roll.M.—C. A. Godcharles Co. Rolling mill.
Lime—A. J. Guffey.
Stone—D. E. Kutz.
Roll.M.—Milton Iron Co. Rolling mill.

MINERAL POINT, Cambria Co. Pop. 141. Ry. 660. Banking town Johnstown.
B.Coal—Reighard & Page. Cambria mine. Slope. Horse.

MINERS MILLS, Luzerne Co. Pop. 2,075. M.O. Tel. Ry. 133; 243. Banking town Wilkes-Barre.
A.Coal—Abbott Coal Co.
A.Coal—Delaware & Hudson Canal Co., Scranton. Pine Ridge mine. Shaft. Breaker. Horse. Steam.

MINERSVILLE, Schuylkill Co. Pop. 3,504. M.O. Tel. Ry. 465; 660; 666; 672.
A.Coal—Beddow & McCready. Woodside Colliery; 1,500 tons; 190 days; 10 employes. Harry McCready, mine supt.
A.Coal—P. J. Courtenay. Mine Hill mine; 3,000 tons; 215 days; 23 employes. Steam.
A.Coal—East Ridge Coal Co. East Ridge mine. Steam.
A.Coal—Fernwood Coal Co. Rolfe Washery mine; 21,000 tons; 175 days; 10 employes. Steam. Harry Meyers, mine supt.
A.Coal—Jones Bros. Black Heath Colliery; 3,000 tons; 230 days; 9 employes. Steam. Llewellyn Jones, mine supt.
A.Coal—Keckline Coal Co.
A.Coal—John A. Laurence & Co. Little Diamond mine; 7,000 tons; 185 days; 25 employes. Steam. W. W. Scott, mine supt.
A.Coal—Pine Hill Coal Co., Pottsville. Pine Hill Colliery. Slope. 420 ft. Steam. Breaker. Commenced shipping Dec., 1895.
A.Coal—Stoddart Coal Co., Pottsville. Wolf Creek mine; 60,000 tons; 250 days; 40 employes. Steam. Breaker. D. H. McGee, mine supt.

MINOOKA, Lackawanna Co. M.O. Tel. Ry. 243.
A.Coal—Brooks & Thomas.
A.Coal—Wm. Connolly & Co.
A.Coal—Delaware, Lackawanna & Western Coal & R. R. Co.
A.Coal—Greenwood Coal Co., 400 Lackawanna Ave., Scranton. 550 employes.

MOCANAQUA, Luzerne Co. P.O. and Banking town Shickshinny. Ry. 660.
A.Coal—West End Coal Co., Wilkes-Barre. West End mine. Tunnel. Breaker. Steam.

MONACA, Beaver Co. M.O. Tel. Ry. 660.
Stone—A. J. Jolly & Co.

MONARCH, Washington Co. Ry. Stockdale, 660. Banking town California.
B.Coal—Allen Coal Co. Allen mine; 70,000 tons; 100 days; 108 employes. C. H. Braznell, mine supt.
B.Coal—Briggs & Flint. Washington mine; 130,000 tons; 230 days; 201 employes. Steam. Thos. S. Briggs, mine supt.
B.Coal—Stockdale Coal Co. Acme mine; 94,000 tons; 110 days; 140 employes. C. H. Braznell, mine supt.

MONONGAHELA, Washington Co. Pop. 4,096. M.O. Tel. Ry. 660; 681.
B.Coal—W. H. Brown Sons, 26 S. 15th St. Black Diamond mine; 180,000 tons; 170 days; 220 employes. Steam. Mongah mine; 45,000 tons; 235 days; 75 employes. Steam. James Louttit, mine supt.

MONONGAHELA—Continued.
B.Coal—Catsburg Coal Co. Catsburg mine; 200,000 tons; 180 days; 220 employes. Steam. John H. Jones, mine supt.
B.Coal—A. Hays Coal Co.
B.Coal—W. S. B. Hays. Abe Hays mine; 10,000 tons; 66 days; 70 employes. T. S. Hutchison, mine supt.
B.Coal—James Jones. Ivil mine; 95,000 tons; 214 days; 226 employes. Steam. T. P. Jones, mine supt.
B.Coal—Watson Mining & Manufacturing Co. Watson mine; 65,000 tons; 185 days; 165 employes. Steam. Chas. P. Rankin, mine supt.

MONTALTO, Franklin Co. Pop. 658. M.O. Tel. Ry. 551. Banking town Chambersburg.
R.M.Fur.—Mont Alto Iron Co. Rolling mill and blast furnace.
Iron—Smith & Avery. J. R. Avery, treas. Altodale mine. Open pit. Brown hematite, 8,000 tons; 30 employes. Steam.

MONTANDON, Northumberland Co. Pop. 574. M.O. Tel. Ry. 613; 660. Banking town Lewisburg.
Min.P.—Montandon Liberty Paint Co. Mineral paint.

MONTGOMERY'S FERRY, Perry Co. Pop. 119. Banking town and Ry. Newport, 588; 660.
B.Coal—Jeremiah Liddick. (Local.)
B.Coal—J. C. McGinnis. (Local.)
B.Coal—Isaac Rhodes. (Local.)

MONTOURSVILLE, Lycoming Co. Pop. 1,278. M.O. Tel. Ry. 672; 943. Banking town Williamsport.
Stone—Bastian & Hall.

MOON RUN, Allegheny Co. Pop. 1,200. Tel. Ry. 682.
B.Coal—Moon Run Coal Co. (Partnership.) Moon Run mine. Drift, 300,000 tons. N. F. Sanford, supt.

MOORES, Delaware Co. Pop. 390. Tel. Ry. 675. Banking town Chester.
Slate—John Stay.

MOOSIC, Lackawanna Co. Pop. 693. M.O. Tel. Ry. 133; 243. Banking town Scranton.
A.Coal—Thos. Gillett. (Local.)
Coal-I.—Hillsdale Coal & Iron Co.
A.Coal—Robertson & Law. Cap., $40,000. Katydid mine. Slopes. 550 and 350 ft.; 50,000 tons; 157 days. Steam. Breaker. Operate 2 miles ry., 1 locomotive, 120 cars. John Hastie, mine supt.
A.Coal—Wm. Springer. (Local.)

MOREA, Schuylkill Co. Pop. 823. P.O. Morea Colliery. Tel. Ry. 660.
A.Coal—Dodson Coal Co., Bethlehem. Morea mine. Slope. Breaker. Steam.

MORGAN, Allegheny Co. Ry. 688. Banking town Mansfield Valley.
B.Coal—Steen & Grenier.

MORGANTOWN, Berks Co. Pop. 512. M.O. Ry. Joanna, 946.
Stone-L.—H. M. Hertzler. Morgantown quarry. Limestone. Lime-kilns; 40,000 bushels lime; 230 days; 3 employes. Frank D. Byler, supt.

MORRELL, Huntingdon Co. M.O. Ry. name Union Furnace, 660. Banking town Tyrone.
Stone—Holmes & Co.

MORRISDALE MINES, Clearfield Co. Pop. 669. M.O. Ry. 63. Banking town Philipsburg.
B.Coal—Thos. Fuge. (Local.)

MORRIS RUN, Tioga Co. Pop. 2,927. M.O. Tel. Ry. 598. Banking town Blossburg.
B.Coal—Morris Run Coal Co.

MORTON, Delaware Co. Pop. 821. M.O. Tel. Ry. 675.
Stone—James Cowen.
Stone—Samuel Johnston.

MOSELEM, Berks Co. Pop. 211. Tel. Ry. 672. Banking town Reading.
Iron—John G. Kaufman.
Stone—A. Merkel.
Iron—Sheble & Stelwagon.
Iron—J. K. Spang.

MOSGROVE, Armstrong Co. Tel. Ry. 15. Banking town Kittanning.
B.Coal—Ganoe & Murray.

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MOUNTAINDALE, Cambria Co. Pop. 310. M.O. Ry. 662. Banking town Hastings.
B.Coal—Bear Ridge Coal & Coke Co.
B.Coal—Eldorado Coal Co. J. S. McCartney, gen. mgr. and mine supt. Eldorado mine. Open pit; 15,000 tons; 40 employes.
B.Coal—John Gwin & Son.

MOUNT BRADDOCK, Fayette Co. Pop. 260. Tel. Ry. 49.
B.Coal—R. Hogsett & Co.
B.Coal—W. J. Rainey. Mt. Braddock mine; 55,000 tons; 216 days; 146 employes. Steam. J. H. Skelly, mine supt.

MOUNT CARMEL, Northumberland Co. Pop. 8,254. M.O. Tel. Ry. 465; 613; 672.
A.Coal—S. S. Bickel & Co.
A.Coal—Ferndale Coal Co. Ferndale mine. Slopes. Breaker. Steam.
A.Coal—Girard Coal Co., Philadelphia.
A.Coal—E. E. & Alfred White. Columbus No. 2 colliery. E. E. White, gen. mgr.; 50,000 tons; 100 employes. Steam.
A.Coal—Midvalley Coal Co.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia, 227 S. 4th St. Reliance mine, 135,000 tons; 180 days; 435 employes. Steam. Washer and Breaker. John Veith, supt.
A.Coal—Phillips, Nagel & Co.
A.Coal—Thomas M. Righter & Co. Slopes. Breaker. Steam.
A.Coal—Shaefer, Bickel & Co.
A.Coal—Union Coal Co., Scott Blk., Erie. Pennsylvania mine. Shaft, 1,000 ft.; 300,000 tons; 300 days; 1,000 employes. Steam. Breaker
Richards Colliery. Shaft, 850 ft.; 350,000 tons; 300 days; 1,000 employes. Steam. Breaker.

MOUNT JOY, Lancaster Co. Pop. 1,848. M.O. Tel. Ry. 660.
Stone—Jos. Detweiler.

MOUNT LAFFER, Schuylkill Co. P. O. and Ry. Pottsville, 465; 660; 666; 672.
A.Coal—Philadelphia & Reading Coal & Iron Co., 227 S. 4th St., Philadelphia. Beachwood mine. Breaker. Steam.

MOUNT PLEASANT, Westmoreland Co. Pop. 3,652. M.O. Tel. Ry. 49; 660.
Stone—D. B. Boyd. Limestone.
Stone—R. G. Duncan.
B.Coal—H. C. Frick Coke Co. Standard Nos. 1 and 2 and Standard Slope mines; 371,000 tons; 276 days; 685 employes. Steam. Robert Ramsay, mine supt.
Stone—Jacob Hout. Limestone.
Coke—Moorewood Coke Co.
Stone—J. H. Rumbaugh. Limestone. Kiln.
B.Coal—Southwest Connellsville Coke Co. Nos. 1 "A" and "B" mines. Shafts; 390,000 tons; 262 days; 670 employes. No. 2 mine; 155,000 tons; 262 days; 248 employes. Steam. Wm. F. Ramsay and Robert Ramsay, Jr., mine supts.

MOYER, Fayette Co. M.O. Tel. Ry. 660. Banking town Connellsville.
A.Coal—Thos. Buttimore. (Local.)
A.Coal—Martin Detwiler. (Local.)
Stone—J. G. Keffer.

MUNCY, Lycoming Co. Pop. 701. M.O. Tel. Ry. 672.
Min.P.—Blackwell Paint Co. Mineral Paint.
Sl.M.P.—Keystone Paint Co. Slate and mineral paint. Silica mill.

MUNSON STATION, Clearfield Co. Pop. 131. M.O. Tel. Ry. 63.
B.Coal—R. C. Fishburn. Kayler mine. Tunnel. 50 coke ovens. (Local.)
B.Coal—Thos. Hart. (Local.)

MURRINSVILLE, Butler Co. Tel. Ry. Anandale, 690. Banking town Butler.
B.Coal—Jos. Murrin. (Local.)
B.Coal—J. M. Thompson. (Local.)

MYRA, Cambria Co. M.O. Ry. name Sonman, 660. Banking town Ebensburg.
B.Coal—E. W. Mentzer & Co.
B.Coal—J. J. Mitchell & Co.

NANTICOKE, Luzerne Co. Pop. 10,044. M.O. Tel. Ry. 133; 244; 660.
Stone—J. R. Davis.
Stone—J. Hamilton.
A.Coal—Susquehanna Coal Co., 263 S. 4th St. Philadelphia. Susquehanna mine. Shafts, slopes. Breaker. Steam.
A.Coal—Jas. Turner. (Local.)

NESCOPECK, Luzerne Co. Pop. 698. M.O. Tel. Ry. 660. Banking town Berwick.
A.Coal—Nescopeck Coal Co. Samuel Thomas, pres.; H. B. Price, secy. and treas. Cap. stk., $240,000.

NESHANNOCK, Mercer Co. Pop. 720. Ry. 815.
B.Coal—Louis Miller. (Local.)
B.Coal—Pierce Coal Co., Ltd. Sharpsville. Lackawannock No. 2 mine. Shaft. Steam.
B.Coal—John Smith. (Local.)

NESQUEHONING, Carbon Co. Pop. 2,000. M.O. Tel. Ry. 133. Banking town Mauch Chunk.
B.Coal—Lehigh Coal & Navigation Co., Philadelphia. Colliery No. 1. Breaker. Steam.

NEW BEDFORD, Lawrence Co. Pop. 220. M.O. Tel. Ry. Pulaski, 598; 660. Banking town New Castle.
B.Coal—Wm. Collier. (Local.)

NEW BETHLEHEM, Clarion Co. Pop. 1,026. M.O. Tel. Ry. 15.
B.Coal—Fairmount Coal & Iron Co. Fairmount No. 2 mine; 200,000 tons; 200 days; 391 employes. Fairmount No. 5 mine; 9,915 tons; 79 days; 48 employes. Steam. S. Taylor Sheaffer, mine supt.
B.Coal—Northwestern Coal & Iron Co., 257 Washington St., Buffalo, N. Y. Star mines Nos. 5 and 6. Drifts, 200,000 tons. Steam. 3 miles railroad; 2 locomotives. S. Taylor Sheaffer, mine supt.

NEW BLOOMFIELD, Perry Co. Pop. 1,132. M.O. Tel. Ry. 670.
Iron—Darlington & Bowers.

NEW BOSTON, Schuylkill Co. Pop. 635. Ry. 465; 660. Banking town Mahanoy City.
A.Coal—Middle Lehigh Coal Co.
A.Coal—New Boston Coal Co.

NEW BRIGHTON, Beaver Co. Pop. 5,660. M.O. Tel. Ry. 688.
St.C.—Beaver Valley Stone & Clay Co. Lock House Run quarry. Sandstone and clay.
B.Coal—John Brain. (Local.)
B.Coal—John Ferguson. (Local.)
Stone—Fish Bros.
B.Coal—Addison Marquis. (Local.)
B.Coal—Wm. Moore. (Local.)

NEW CASTLE, Lawrence Co. Pop. 11,600. M.O. Tel. Ry. 288A; 581B; 598; 681; 683; 929.
B.Fur.—Atlantic Iron & Steel Co. Blast furnace.
St.Lm.—Croton Lime Co., Ltd., 75 Washington St. A. W. Thompson, pres.: Frank Pierce, secy.; D. W. Pearson, treas. Croton quarry. Limestone and lime, 38,000 tons. Lime-kilns.
Roll.M.—Geo. W. Johnson. Rolling mill.
Roll.M.—New Castle Steel Co. Rolling mill.
Roll.M.—New Castle Wire Nail Co. Rolling mill.
B.Fur.—Raney & Berger Iron Co. Blast furnace.
B.Fur.—Rosena Furnace Co. Blast furnace.
R.M.Fur.—Shenango Valley Steel Co. Rolling mill and blast furnace.
B.Coal—Thompson Run Coal Co. M. S. Marquis, pres.; L. Raney, v. pres. and gen. mgr.; L. R. Gordey, secy. and treas.; M. A. Retchiz, buyer. Cap. stk., $50,000; $46,500 pd. up. Mine at Ellwood City.

NEW EAGLE, Washington Co. Ry. Monongahela, 660; 681.
B.Coal—M. F. Delany. New Eagle mine; 18,000 tons; 150 days; 146 employes. Steam.
B.Coal—John Gamble. (Local.)

NEW ENGLAND, Allegheny Co. Ry. Coal Valley, 660.
B.Coal—Henry Briggs. (Local.)
B.Coal—John Houghton. (Local.)
B.Coal—Daniel Kendell. (Local.)
B.Coal—Joseph Wilson. (Local.)

NEW GALILEE, Beaver Co. Pop. 320. M.O. Tel. Ry. 688; 689. Banking town Beaver Falls.
Stone—Joseph Hartman & Son. Hartmans quarry. Sandstone.

NEW GENEVA, Fayette Co. Pop. 299. M. O. Ry. Banking town Uniontown.
B.Coal—W. J. Coleman. (Local.)
B.Coal—A. M. Franks. Open pit. 200 tons. (Local.)
Co.St.—R. T. Williams. Bituminous coal and stone quarry.

NEW HAVEN, Fayette Co. Pop. 2,000. M. O. Tel. Ry. 660; 681.
B.Coal—H. C. Frick Coke Co. Trotter mine; 252,000 tons; 242 days; 454 employes. Steam. John Sneddon, mine supt.

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NEW MILFORD, Susquehanna Co. Pop. 763. M.O. Tel. Ry. 244.
Stone—Alfred Mosher.
Gran.—S. S. Tooker. Granite

NEWPORT, Perry Co. Pop. 1,417. M.O. Tel. Ry. 588; 660.
Iron—Ellis Fisher.
Stone—Wm. Holmes.
B.Fur.—Juniata Furnace & Foundry Co., Marlborough and Beach Sts., Philadelphia. Blast furnace, 18,000 tons. Pig iron.
B.Coal—Lee-Newport Coal Co.
Iron—Marshall Furnace Co.
Met.—Morton Stevens. Chemist and Metallurgist.

NEWTOWN, Bucks Co. Pop. 1,213. M.O. Tel. Ry. 673.
Stone—Henry Mitchell.

NEW TRIPOLI, Lehigh Co. Pop. 375. Ry. name Tripoli, 672. Banking town Slatington.
Slate—W. F. Krauss.
Slate—Krauss & Sieger.
Slate—Amedus Seiger.

NEWVILLE, Cumberland Co. Pop. 1,560. M.O. Tel. Ry. 235.
Lime—Hoover & Co.

NEW WILMINGTON, Lawrence Co. Pop. 684. M.O. Tel. Ry. 815.
B.Coal—Eugene Tinchner. (Local.)

NICHOLSON, Wyoming Co. Pop. 734. M.O. Tel. Ry. 244. Banking town Scranton.
Stone—Frank Carlneci.
Stone—Moses Shields. Nicholson quarry. Building stone. Steam.

NICKLE MINES, Lancaster Co. Pop. 197. Tel. Ry. Christiana, 660.
Iron—Capt. Chas. Doble.
Iron—Jos. Wharton.

NOBLESTOWN, Allegheny Co. Pop. 600. M.O. Ry. 686.
B.Coal—National Coal Co., Ltd., 15 5th Ave., Pittsburg. National mine. Tunnel., 60,000 tons; 200 days; 125 employes.

NORRISTOWN, Montgomery Co. Pop. 19,800. M.O. Tel. Ry. 660; 672; 852.
C.E.—Alan W. Corson, Civil Engineer, 306 Green St.
B.Fur.—Lucinda Furnace Co. Blast furnace.
B.Fur.—Norristown Iron Works. Blast furnace.
Roll.M.—Norristown Steel Co. Rolling mill.
Stone—Wm. B. Rambo.
Roll.M.—Stony Creek Rolling Mill.

NORTH BUFFALO, Armstrong Co. Pop. 73. Ry. Rosston, 15. Banking town Kittanning.
B.Coal—Wm. Bruner. (Local.)
B.Coal—J. H. Claypole. (Local.)

NORTHHOPE, Butler Co. Ry. Hilliards, 690. Banking town Butler.
B.Coal—M. S. McGarvey. (Local.)

NORTH LIBERTY, Mercer Co. Pop. 643. Banking town and Ry. Mercer, 690; 929.
Co.L.—J. M. Denniston. Coal and lime.
B.Coal—Robt. Stewart. (Local.)

NORTH SEWICKLEY, Beaver Co. Pop. 111. Ry. 683. Banking town Ellwood City.
B.Coal—Jos. Smith.

NORTHUMBERLAND, Northumberland Co. Pop. 2,744. M.O. Tel. Ry. 244; 613; 660; 672.
Roll.M.—Van Alen & Co. C. G. Van Alen, buyer. Ten double puddling and two heating furnaces; two trains rolls; one 18-inch puddle and one 20-inch plate. Capy., 12,000 tons. Steam. G. H. Van Alen, mill supt.

NORTH WASHINGTON, Westmoreland Co. Ry. Fulton, 660. Banking town Apollo.
B.Coal—Jacob Hartman. (Local.)

OAKDALE, Delaware Co. Pop. 261. P.O. Morton.
Stone—J. S. Rogers.

OAKDALE STATION, Allegheny Co. Pop. 603. M.O. Tel. Ry. 686. Banking town Pittsburg.
B.Coal—John Allen. (Local.)
B.Coal—Wm. Allen. (Local.)

OAKRIDGE, STATION, Armstrong Co. Pop. 600. M.O. Ry. name Oak Ridge, 15.
B.Coal—Oak Ridge Mining Co., Buffalo, N. Y. Drift, 150,000 tons.

OGDENSBURG, Tioga Co. Pop. 386. Ry. Roaring Branch, 613.
B.Coal—Richard Bennett. (Local.)

OGONTZ, Montgomery Co. Pop. 612. M.O. Tel. Ry. 672.
Stone—C. Bosler & Son.
Stone—A. J. Engle.

OIL CITY, Venango Co. Pop. 10,932. M.O. Tel. Ry. 15; 451; 598; 929.
B.Coal—Bradys Bend Mining Co., Ltd. Hardscrabble mine; 8,000 tons; 70 days; 50 employes. C. T. Hartwell, mine supt.
B.Coal—Church Hill Coal Co., 205 Elm St. Church Hill mine; 29,000 tons; 195 days; 84 employes. John McCollum, mine supt.
B.Coal—Hartwell Coal Co. Tunnel.

OLDFORGE, Lackawanna Co. Pop. 221. M.O. Ry. 289. Banking town Scranton.
A.Coal—Sibley McClure & Co.
A.Coal—S. N. Steller & Co.

OLIPHANT FURNACE, Fayette Co. Pop. 120. Ry. 660. Banking town Uniontown.
B.Coal—H. C. Frick Coke Co. Oliphant mine; 71,000 tons; 217 days; 130 employes. Wynn mine; 6,000 tons; 32 days; 64 employes. Steam. W. W. Laughead and J. S. Atkinson, mine supts.

OLYPHANT, Lackawanna Co. Pop. 4,085. M.O. Tel. Ry. 243; 600. Banking town Scranton.
A.Coal—Delaware & Hudson Canal Co., Scranton. Eddy Creek, Grassy Island and Olyphant No. 2 shafts; 176,000 tons; 180 days; 1,300 employes. Breaker. Steam. A. Nicol, mine supt.
A.Coal—Orlando S. Johnson, Scranton. Green Ridge mine. Slope. Breaker. Steam.
A.Coal—Lackawanna Coal Co., Scranton. Lackawanna mine. Shaft. Steam.
A.Coal—Moosic Mountain Coal Co., Scranton. Moosic Mountain mine. Slope. Breaker. Steam.

ORBISONIA, Huntingdon Co. Pop. 963. M.O. Tel. Ry. name Rockhill, 272.
Iron—John Barkle.
Stone—J. Brodbeck. Grove quarry. Limestone (Idle.)
Iron—W. T. Browning. Cap., $15,000. Booker mine. Tunnel, 1,050 ft.; fossil ore, 10,000 tons; 300 days; 30 employes. Horse. Operate 4 miles ry. 1 locomotive.
Iron—T. C. Vanzant.

OREFIELD, Lehigh Co. Pop. 164. Ry. 395A. Banking town Allentown.
Iron—Sieger Bros.

ORE HILL, Blair Co. Pop. 153. Ry. 660. Banking town Hollidaysburg.
Iron—Peter S. Duncan.
Iron—Hollidaysburg & Gap Iron Co.

OSCEOLA, Tioga Co. Pop. 838. M.O. Tel. Ry. 4; 302.
B.Coal—J. W. Shields, Pittsburg. Osceola mine. Steam.

OSCEOLA MILLS, Clearfield Co. Pop. 1,730. M.O. Tel. Ry. 17; 660.
B.Coal—Berwind-White Coal Co. Betz Bldg., Philadelphia. Atlantic Nos. 1 and 2; Eureka Nos. 5, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 and 26; Excelsior No. 4; Mapleton and Ocean No. 2 mines; 1,220,000 tons; 110 days; 2,800 employes. Steam. A. S. R. Richards, mine supt.
B.Coal—Thos. Blyth. (Local.)
B.Coal—Ghem Coal Co. Ghem mine. Drift.
B.Coal—T. C. Heinies & Co.
B.Coal—Jas. Hurley. (Local.)

O'SHANTER, Clearfield Co. Pop. 225. Tel. Ry. 63. Banking town Curwensville.
B.Coal—O'Shanter Coal Co.
B.Coal—Weaver & Ettla.

OTELIA, Huntingdon Co. Ry. Newton Hamilton, 660. Banking town Danville.
B.Coal—J. Edgar. (Local.)

OVERBROOK, Montgomery Co. Pop. 182. Tel. Ry. 660. Banking town Philadelphia.
Stone—J. T. Stadleman. Stadleman's quarry. Blue granite. Steam.

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OVERTON, Bradford Co. Pop. 230. Tel. Ry. New Albany, 465. Banking town Towanda.
B.Coal—A. C. Overholt & Co.

OWENSDALE, Fayette Co. P.O. Summit mines.
B.Coal—B. F. Keister & Co.

PALMYRA, Lebanon Co. Pop. 780. M.O. Tel. Ry. 672.
Stone—Maulfair & Forney. Gingrich quarry. Limestone. Slope. Steam.

PANCOAST, Jefferson Co. Pop. 168. Ry. 15. Banking town Reynoldsville.
B.Coal—T. O'Bryan. (Local.)

PANSY, Jefferson Co. Ry. Heathville, 15. Banking town Brookville.
B.Coal—Geo. Enty. (Local.)

PARDEE, Union Co. P. O. Weikert. Ry. 660.
B.Coal—Mercer Mining Co.

PARKSBURG, Chester Co. Pop. 1,514. M.O. Tel. Ry. 660.
Roll.M.—Parkersburg Iron Co. Rolling mill.

PARK PLACE, Schuylkill Co. M.O. Tel. Ry. 465. Banking town Mahanoy City.
A.Coal—Lentz, Lilly & Co.

PARK QUARRIES, Beaver Co. Banking town and Ry. Freedom, 661.
F.Clay—Park Fire Clay Co. Park mine. Shafts, slope. Steam.

PARKSIDE, Monroe Co. Pop. 103. Ry. 244. Banking town Stroudsburg.
Stone—Geo. Smith.

PARSONS, Luzerne Co. Pop. 2,412. M.O. Tel. Ry. 133.
A.Coal—Delaware & Hudson Canal Co., Scranton. Laurel Run slope; 100,000 tons; 181 days; 380 employes. Breaker. Steam. A. H. Vandling, supt.
A.Coal—Lehigh Valley Coal Co., 228 S. 3d St., Philadelphia. Mineral Spring and Cole Brook mine. Slopes. Breakers. Steam.

PATTON, Cambria Co. M.O. Tel. Ry. 660.
B.Coal—E. P. McCormick.
B.Coal—Patton Coal Co. Ashcroft mine; 30,000 tons; 80 days; 132 employes.
Columbian mine; 23,000 tons; 70 days; 89 employes.
Flanigan Run mine; 45,000 tons; 82 days; 148 employes. John Ashcroft, mine supt.

PAXTONVILLE, Snyder Co. Pop. 182. Ry. name Benfer, 660. Banking town Selins Grove.
Iron—C. P. Swengle.

PEALE, Clearfield Co. Pop. 500. M.O. Tel. Ry. 63.
B.Coal—Clearfield Bituminous Coal Corporation, Philadelphia. Grass Flat mine, 90,000 tons; 140 days; 240 employes.
Gazzam Nos. 1, 2 and 3 mines, 90,000 tons; 150 days; 240 employes.
Knox Run mine, 25,000 tons; 120 days; 65 employes.
Moravian mine, 45,000 tons; 120 days; 98 employes.
Pleasant Hill mine, 43,000 tons; 125 days; 96 employes. R. A. Shillingford, M. E., supt.

PECKVILLE, Lackawanna Co. Pop. 1,095. M.O. Tel. Ry. 243; 600. Banking town Scranton.
A.Coal—Blue Ridge Coal Co. Blue Ridge mine. Slope. Breaker.
A.Coal—Rush Brook Coal Co. Rush Brook mine. Shafts, tunnel. Breaker. Steam.

PEELY, Luzerne Co. Pop. 148. Ry. name Warrior Run, 133; 465. Banking town Wilkes-Barre.
A.Coal—Michael McDonald. (Local.)

PEN ARGYL, Northampton Co. Pop. 2,108. M.O. Tel. Ry. 54; 133; 464.
Slate—Bomey, Arthur & Co.
Slate—Grand Central Slate Co.
Slate—Wm. Harding & Co., Main St. Reuben Harding, pres.; Wm. Harding, Sr., treas.; John Harding, gen. mgr. Albion quarry; 200 days; 45 employes. Steam.
Slate—Jackson Bros. Jackson Bros. quarry. Roofing slate. Mill. Steam.
Slate—Jackson Slate Co. Ethel quarry. Roofing slate. Steam.
Slate—Kitto Luxien & Co.
Slate—Lackawanna Slate Co. Lackawanna quarry. Steam.
Slate—Lane & Doney.
Slate—Wm. Lobb & Sons. Albion quarry. Roofing slate. Steam.

PEN ARGYL—Continued.
Slate—Wm. Masters. Excelsior quarry. Roofing slate. Steam.
Stone—Robinson, Lobb & Co.
Slate—Jas. H. Simpson & Sons. Diamond Slate Works. Mill. Steam.
Slate—Stephens, Jackson & Co. J. S. Jackson, pres., gen. mgr. and buyer; H. E. Stephens, v. pres.; Wm. H. Jackson, secy.; Richard Jackson, Jr., treas. Cap., $100,000. Courtney quarry; 20,000 sq. ft.; 225 days; 75 employes. Steam.

PENNRUN, Indiana Co. Pop. 326. M.O. Banking town and Ry. Indiana, 660.
B.Coal—Wm. Fair. (Local.)

PENNSVILLE, Fayette Co. Pop. 278. Ry. 660. Banking town Connellsville.
Coke—Pennsville Coke Co. Slope. 75 employes; 92 coke ovens.

PERCY, Fayette Co. Pop. 750. Ry. 49.
B.Coal—Percy Mining Co. Percy mine; 13,000 tons; 307 days; 10 employes. Steam. Louis De Saulles, mine supt.

PERKIOMENVILLE, Montgomery Co. Pop. 370. Ry. 669. Banking town Schwenksville.
Stone—Fisher & Son.

PERRYOPOLIS, Fayette Co. Pop. 369. M.O. Tel. Ry. 681. Banking town Dawson.
B.Coal—Baugh & Luce Coal Co.
B.Coal—Lynn Coal Co.

PETERS CREEK, Lancaster Co. Pop. 218. P.O. McSparran.
Slate—P. B. Shark.

PHILADELPHIA, Philadelphia Co. Pop. 1,046,964. M.O. Tel. Ry. 49; 660; 672; 673; 675; 931.
A.Coal—Acme Coal Co., 615 Drexel Bldg.
Stone—F. Alden.
A.Coal—Alexandria Coal Co., 305 Betz Bldg.
Roll.M.—Allentown Rolling Mills, 237 S. 3d St.
A.Coal—Alliance Coal Mining Co., 226 S. 3d St.
Iron—Andover Iron Co., 240 S. 3d St.
A.Coal—Anthracite Coal Co., 228 S. 3d St.
Coal—Atlas Coal Co., 205 Walnut Place.
Stone—Avondale Lime & Stone Co., 2202 Chestnut St. Wm. Henderson, pres.; A. R. Colesberry, secy.; Frank Williamson, treas. Cap. stk., $50,000; $18,500 pd. up. Limestone quarry at Avondale.
Stone—Geo. R. Bacon, 100 S. 10th St.
Stone—Barbour & Ireland, 1218 Filbert St. Limestone quarries at Sellersville, Pa., and Lambertville, N. J.
M.E.—Wesley Bartine, 1326 Chestnut St.
A.Coal—Beach Creek Coal Co., 607 Provellert Bldg.
A.Coal—Beaver Branch Coal Co., 138 S. 4th St.
Stone—Bedford Stone Co., 100 S. 10th St.
B.Coal—Benton Coal Co., 212 S. 3d St. D. W. Holt, pres.; G. M. Andrews, v. pres.; T. W. Thompson, secy.; W. F. Reeder, treas.; Jas. H. Allport, gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Mines at Hastings and Spangler.
B.Coal—Berwind-White Coal Co., Betz Bldg. Mines at Bellefonte, Du Bois, Osceola Mills and Horatio.
M.E.—John Birkinbine, Consulting Mining Engineer, 25 North Juniper St. Special Expert on iron and iron ores. U. S. Geological Survey.
B.Coal—Black Lick Coal Co., 409 Betz Bldg. Mine at Black Lick. Opened 1895.
B.Fur.—Blair Iron & Coal Co., 218 S. 4th St. Blast furnace.
B.Coal—F. Bloch, 724 Spring Garden St.
A.Coal—Bloomington Mining Co., 812 Girard Bldg.
Gran.—Booth Bros. Granite Co., 613 Betz Bldg. Granite.
A.Coal—E. Bordu & Son, 326 Walnut St.
B.Coal—James Boyd & Co., Girard Bldg.
F.Clay—Brandywine Summit K. & F. C. Co., 708 Walnut St. Fire-clay.
A.Coal—F. D. Bright, 420 Walnut St.
Roll.M.—Bristol Rolling Mill, 257 S. 4th St.
B.Coal—Broad Top Coal Co., 316 Walnut St.
Geol.—Amos P. Brown, Ph. D., Professor of Geology and Mineralogy. University of Pennsylvania.
A.Coal—Butler Coal Co., 125 S. 5th St.
B.Coal—Cambria Mining Co., 119 S. 4th St.
B.Coal—John H. Campbell, 53 Vine St.
G.S.—Candela Mining & Smelting Co., 400 Chestnut St.
B.Coal—Carbon Coal Co., 101 Girard Bldg.
A.Coal—Central Coal Co., 812 Girard Bldg.
A.Coal—Central Land Mining Co., 610 Bullitt Bldg.
Slate—Central Slate Co., 1736 Cuthbert St.
A.Coal—Champffer & Darlington, 325 Walnut St.
A.Coal—H. M. Chance, 420 Drexel Bldg.
Phos.—Charleston Mining & Manufacturing Co., 328 Chestnut St.
Iron—Chester County Mining Co., 43 3d St.
Iron—Chester Iron Co., 238 S. 3d St.
Roll.M.—Chester Steel Casting Co. Rolling Mill.

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PHILADELPHIA—Continued.
A.Coal—Walter C. Childs, 472 Bullitt Bldg.
B.Coal—Clearfield Bituminous Coal Corporation. W. D. Kelly, pres.; C. C. Clarke, v. pres.; Allyn Cox, treas.; R. A. Shillingford, M. E., gen. mgr. and buyer. Mines at Peale.
Stone—D. C. Cleaver, 19th and Spring Garden Sts.
A.Coal—Coal Ridge Coal Co., 228 S. 3d St.
B.Coal—Colebrookdale Coal Co., Terminal Bldg.
A.Coal—Ed. C. Collins, 207 S. 6th St.
A.Coal—Columbia Coal Mining Co., 26 S. 15th St.
B.Coal—Consumers Coal Co., 212 S. 3d St.
B.Coal—Consumers Mining Co., 770 Bullitt Bldg.
A.Coal—Conglomerate Mining Co., 308 Walnut St.
B.Coal—Connellsville Coal Co., 136 S. 4th St.
Stone—Conshohocken Quarry Co., 2214 Chestnut St.
Stone—Conshohocken Stone Co., 302 Walnut St.
Gold—Craig & Reaves. Claim at Fork Union, Va.
Iron—Cranberry Improvement Co., 131 S. 4th St.
B.Fur.—Crane Iron Co. Blast furnace.
A.Coal—Crescent Coal Mining Co., 26 S. 15th St.
A.Coal—Criterion Coal Co., 1326 Chestnut St.
Gold—Currahee Gold Mining Co.
B.Coal—Cymbria Coal Co., 411 Walnut St.
Me.E.E.—F. W. Darlington, Mechanical and Electrical Engineer, 907 Drexel Bldg.
Roll.M.—Davis Bros. Rolling mill.
A.Coal—Davis Coal Co., 700 Pennsylvania Mutual Bldg.
B.Coal—Deer Creek Coal Co., 812 Girard Bldg.
A.Coal—J. J. De Kinder, 1206 Betz Bldg.
A.Coal—Delaware Coal Co., Terminal Bldg.
A.Coal—Delta Coal Mining Co., 812 Betz Bldg.
Wire-Cloth—De Witt Wire Cloth Co., 703 Market St. Manufacturers of brass, copper, iron and steel wire cloth; steel tempered bolting wire cloth; tinned milling wire cloth; wire hoisting ropes, and wire guy ropes. Branch office, New York.
M.E.—E. V. D'Invilliers, 711 Walnut St. Mining Engineer.
Roll.M.—H. Disston & Sons. Rolling mill.
B.Coal—Dodson, Weston & Co., 314 Walnut St.
B.Fur.—Doe Valley Association. Blast furnace.
G.S.—Dolobran Mining Co., 409 Chestnut St. Gold and silver.
Iron—Dufford Mining Co., 1415 N. 7th St.
Roll.M.—Duncannon Iron Co., 122 Race St. John Wister, pres.; Wm. E. S. Baker, secy. and treas. Cap. stk., $100,000, pd. up. Rolling Mill. Seven puddling furnaces. Pig and bar iron and rails, 28,000 tons.
A.Coal—M. Ehret, Jr., & Co., 423 Walnut St.
A.Coal—El Moro. Coal Co., 421 Chestnut St.
Gran.—Empire Granite Co., 507 Betz Bldg.
Zinc—Empire Zinc Co., 925 Chestnut St. John Price Wetherill, pres.; S. P. Wetherill, v. pres.; T. Lewis Thomas, secy.; J. H. Troutman, treas.; W. C. Wetherill, gen. mgr. Cap. stk., $750,000; $738,800 pd. up. Mine and works at Joplin, Mo.
B.Coal—Fin, Howell & Co., 203 Walnut Pl.
A.Coal—Flynn & Castigan (Wayne Jct.)
Roll.M.—Frankford Steel Co. Rolling mill.
Geol.—Dr. Persifor Frazer, Geologist, Chemist and Mining Engineer, 928 Spruce St.
Roll.M.—A. Foster & Co. Rolling mill.
A.Coal—J. K. Freedley & Sons, 210 S. 24th St.
Stone—A. Gallagher, 30th and Walnut Sts.
Stone—Chas. Gallagher, Mulberry and Bridge Forks.
Stone—W. C. Gallagher, 34th and Chestnut Sts.
Roll.M.—Gaulbert, McFadden & Caskey. Rolling mill.
Mech.E.—John L. Gill, Jr., 1050 Drexel Bldg.
B.Coal—A. Gilpin, 625 Drexel Bldg.
Stone—Glen Mill Stone Quarrying and Crushing Co. Quarry at Glen Mills.
B.Coal—Glenwood Coal Co., 101 Girard Bldg.
G.S.—Globe Mining Co., 302 Walnut St. Gold and silver.
A.Coal—Graeff, Wilcox & Co., 318 Walnut St.
Stone—Grafton Stone Co., 100 S. 10th St.
B.Fur.—Chas. H. Graham, 441 Chestnut St. Blast furnace.
Stone—Wm. Gray & Sons, 30th & Walnut Sts.
Gr.Mb.—Melford H. Gregg. Granite and marble. Granite quarry at Milford, N. H.
Roll.M.—Hallahan, Gross & Co. Rolling mill.
Geol.M.E.—Edward B. Harden, Geologist and Mining Engineer. Specialties: coal and iron. Late of the Pennsylvania Geological Survey.
B.Coal—Harrison Gas Coal Co., Broad and Market Sts.
B.Coal—Harvey Coal Mining Co., Walnut St.
A.Coal—Samuel Heaton, 210½ Walnut St.
B.Fur.—R. Heckscher & Sons. Blast furnace.
A.Coal—Percy Heelner & Son, 320 Walnut St.
A.Coal—Highland Coal Co., 316 Walnut St.
A.Coal—Geo. Huddell, 203 Walnut Pl.
Roll.M.—Hughes & Patterson, 800 Richmond St. Delaware Rolling Mill. 10 puddling; 5 heating furnaces; 1 18-inch puddle rolls, 3 high; 1 16-inch, 2 high; 2 10 and 1 8-inch main; 400 employes. Bar iron. Brands—"H. & P. Best;" "H. & P. Best Best;" "H. & P. Stay Bolt."
Stone—Hummelstown Brown Stone Co., 302 Walnut St.
A.Coal—J. W. Hunter, 1001 Chestnut St.
A.Coal—Chas. E. Hutton & Co., 18 S. Broad St.
A.Coal—Wm. H. Ingham, Girard Bldg.
A.Coal—Inter Coal Mining Co., 410 Bullitt Bldg.

PHILADELPHIA—Continued.
A.Coal—Ironton Coal Co., 710 Bullitt Bldg.
B.Coal—Irvona Coal Co., 1326 Chestnut St. J. Nicholls, treas. Cap. stk., $50,000, pd. up. Mine at Coalport.
Geol.—James T. B. Ives, F. G. S., Geologist. Specialty: Geological and relief maps. Fellow of the Geological Society of London, 1871.
Stone—David Jones, 733 Green St.
B.Fur.—Juniata Furnace & Foundry Co., Marlborough and Beach Sts. A. Marshall, pres.; Maj. P. Heistand, gen. mgr. Furnace at Newport.
Stone—Nicholas Kavanagh, 44th and Lancaster Sts.
Stone—Kenderdiner & Bro., 24 S. 7th St.
A.Coal—Kenova Coal Co., 333 Walnut St.
A.Coal—Kittanning Coal Co. Chas. W. Trotter, pres.; H. T. Shellingford, secy. and treas.
Lime—Knickerbocker Lime Co., 23d and Spring Garden Sts.
Copp.—Lac La Belle Mining Co., 308 Walnut St. Copper.
Silv.—Lake Valley Silver Mining Co. (close corporation). Henry Schmidt, gen. mgr. Mine at Lake Valley, N. Mex.
Chem.—Edward K. Landis. Analytical and Consulting Chemist, 264 S. 38th St.
A.Coal—Laurel Fork Coal Co., 136 S. 4th St.
A.Coal—Lehigh Coal Co., 226 S. 3d St.
A.Coal—Lehigh Valley Coal Co., 228 S. 3d St. E. P. Wilbur, pres.; Chas. Hartshorn, 1st v. pres.; Wm. H. Sayre, 2d v. pres.; Jno. R. Fanshawe, secy.; Jno. B. Garrett, treas.; W. A. Lathrop, Wilkes-Barre, gen. supt. Mines at Wilkes-Barre, Hazleton, Jeansville, Yorktown, Plains, Exeter, Pittston, Maltby, Lost Creek, Brownsville and Rappahannock.
Zinc—Lehigh Zinc & Iron Co., 925 Chestnut St. Richard Heckscher, pres.; Samuel P. Wetherill, v. pres.; T. Lewis Thomas, secy.; August Heckscher, treas.; John Price Wetherill, gen. mgr. Cap. stk. $800,000, pd. up. Zinc works at South Bethlehem. Mine at Franklin Furnace, N. J.
A.Coal—Chas. R. Lindsay, 136 S. 4th St.
A.Coal—S. B. Linton, 410 Walnut St.
B.Coal—Loyal Hanna Coal & Coke Co., Bullitt Bldg. John Pitcairn, pres.; C. C. Watt, v. pres., gen. mgr. and buyer; L. V. Biggs, secy. and treas. Mines at Loyalhanna and Latrobe.
B.Coal—Lukins & Haupt, 707 Bullitt Bldg.
Stone—Lukens & Yerkes, 801 Walnut St.
Gran.—Lumberville Granite Co., 1215 Filbert St.
B.Coal—Lycoming Mining Co., 267 S. 4th St.
A.Coal—Lykens Valley Coal Co., Broad and Market Sts.
M.E.—Benj. Smith Lyman, A.B., Mining Engineer, 708 Locust St. Specialty, geological and topographical surveys.
A.Coal—Lytle Coal Co., Girard Bldg.
Gran.—McClenahan & Bro. Granite Co., 24 S. 7th St.
Stone—Giles McMichael & Co., 713 S. Broad St.
B.Fur.—Macungie Iron Co., Harrison Bldg., 15th and Market Sts. James Singmaster, pres.; Chas. Y. Audenried, secy. and treas. Cap. stk. $200,000. Furnace at Macungie.
A.Coal—H. Y. Mageoch, 136 S. 4th St.
Gold—Mammoth Gold Mining Co., 600 Penn Mutual Bldg.
A.Coal—Mammoth Vein Coal Co., Reading Terminal Bldg.
Marb.—Jas. Mann & Co., 30th and Locust Sts. Marble and brownstone.
Marb.—Marble City Quarry Co., 931 Arch St. Marble.
Roll.M.—Marshall Bros. & Co. Rolling mill.
Stone—Robt. Marshall, Wayne Ave.
A.Coal—Wm. D. Mason, 314 Walnut St.
A.Coal—Henry Matthews & Co., 205 Walnut Pl.
C.E.—Fred R. Meier. Civil Engineer, 1222 N. 4th St.
A.Coal—H. V. L. Meigs & Co., 507 Penn Mutual Bldg.
Roll.M.—Midvale Steel Co. Rolling mill.
B.Coal—Millwood Coal Co., 720 Reading Terminal Bldg.
A.Coal—John Milnes, 201 Walnut Place.
A.Coal—Mineral Spring Co., 228 S. 3d St.
A.Coal—Jas. B. Mingus, 326 Walnut St.
Stone—Ben. G. Mitton, 30th and Walnut Sts.
A.Coal—W. F. Moody & Son, 701 Reading Terminal Bldg.
A.Coal—D. R. Morris, 503 Girard Bldg.
A.Coal—H. G. Morris, 926 Drexel Bldg.
A.Coal—Morrisdale Coal Co., 228 S. 4th St.
B.Coal—Moshannon Coal Co., 407 Drexel Bldg.
A.Coal—Mount Farm Coal Co., 224 S. 3d St.
Stone—Neshaning Falls Stone Co., Frederick Brown Bldg.
B.Coal—New Coaldale Co., 328 Chestnut St.
Stone—New England Brownstone Co., 2202 Chestnut St. Brownstone.
Gold-S.—Niagara Mining & Smelting Co., 1328 Chestnut St. Gilbert E. Palen, pres.; Samuel Huckel, Jr., v. pres.; C. Howard Schermerhorn, secy.; G. B. Langley, treas.; Wm. H. Thomas, M. E., gen. mgr.; Jno. Montgomery, buyer. Mine at Bingham, Utah. Gold and silver.
C.M.E.—W. J. Nicolls. Civil and Mining Engineer, 1326 Chestnut St.
B.Coal—Norfolk Coal Co., 710 Bullitt Bldg.
A.Coal—North American Coal Co., 128 S. 3d St.
A.Coal—Chas. D. Norton & Co., 328 Walnut St.
B.Coal—Oceal Coal Co., 305 Betz Bldg.
Stone—Old Dominion Stone Co., 1113 Arch St.
A.Coal—Old Forge Coal Co. Mine at Pittston.
A.Coal—A. Pardee & Co., 302 Drexel Bldg.

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PHILADELPHIA—Continued.
B.Coal—Patterson Mining Co., 1001 Chestnut St.
A.Coal—Pennsylvania Anthracite Coal Co., 1001 Chestnut St.
B.Coal—Pennsylvania Gas Coal Co., 720 Reading Terminal Bldg.
Gran.—Pennsylvania Granite Co., 20 S. Broad St.
Roll.M.—Pennsylvania Steel Refining Co. Rolling mill.
Geol.M.E.—R. A. F. Penrose, Jr. (firm of Penrose & Barringer). Geologist and Mining Engineer, Bullitt Bldg.
B.Coal—Philadelphia Coal & Coke Co., 131 S. 4th St.
Stone—Philadelphia & Conshohocken Stone Quarry Co., 506 Betz Bldg. Isaac Doughton, pres. Cap. stk. $100,000. Limestone. Quarry at West Conshohocken.
A.Coal—Philadelphia & Reading Coal & Iron Co., 227 S. 4th St.
Gold—Philadelphia & Washington Gold Mining Co., 909 Drexel Bldg. John F. Betz, pres.; O. W. Bennett, v. pres. and gen. mgr.; Wm. Hay, secy. and treas.; Prof. John A. Church, M. E. Mining claim location not given.
R.M.Fur.—Phoenix Iron Co. Rolling mill and blast furnace.
B.Coal—W. H. Piper Co., Betz Bldg. Semi bituminous coal. Cap. $100,000. Mine at Lilly.
A.Coal—R. H. Powell Co., 421 Chestnut St.
A.Coal—Prentice Coal Co., 712 Bullitt Bldg.
A.Coal—Preston Coal Co., Reading Terminal Bldg.
Iron—Pulaski Iron Co. Works at Pulaski City, Va. Mine at Eckman, W. Va.
A.Coal—Punxsutawney Coal Co., 305 Betz Bldg.
A.Coal—Puritan Coal Co., 26 S. 15th St.
B.Coal—Raystown Coal Co., 451 Bullitt Bldg.
B.Coal—Reakirt Bros. & Co. Mine at Glen Campbell.
B.Coal—Redstone Coal Co., 201 Walnut St. Mine at Grindstone.
B.Coal—Republic Mining Co., 220 S. 4th St.
B.Coal—Rhoades & Schuster, 1214 Betz Bldg.
Gran.—Richmond Granite Co., 3 North 5th St.
A.Coal—Ridgway Bishop Coal Co., 201 Walnut St.
A.Coal—Lewis A. Riley & Co., 222 Walnut St. Mine at Centralia.
B.Coal—River View Coal Mining Co., Ltd., Bullitt Bldg. C. C. Watt, chairman; L. V. Biggs, secy. and treas.; J. S. Moore, gen. mgr.; R. M. McKinney, M. E., buyer. Cap. stk. $50,000, pd. up. Mines at River View.
C.E.—Frank C. Robert. Civil Engineer, 328 Chestnut St.
Roll.M.—A. & P. Roberts Co., 261 S. 4th St. Rolling mill.
B.Coal—Rockhill Iron & Coal Co., 320 Walnut St. Wm. A. Ingham, pres.; Edw. Roberts, Jr., v. pres.; J. E. Haverstick, secy. and treas.; H. N. Sims, M. E., gen. mgr. Mines at Robertsdale and Woodvale. Semi bituminous coal.
A.Coal—J. Rothwell & Co., 319 Willings Ave.
Min.P.—Rutherford & Barclay, Drexel Bldg. Mineral paint.
B.Coal—John C. Scott & Sons, Betz Bldg. Mines at Ehrenfeld and Ramey.
A.Coal—Coleman Sellers, 119 S. 4th St.
A.Coal—Sewickly Coal Co., Girard Bldg.
B.Coal—Shauer Coal Co., 1326 Chestnut St. Mine at Shauer.
Me.E.—T. Shaw, Mechanical Engineer, 915 Ridge Ave.
A.Coal—Wm. H. Sheafer, 136 S. 4th St.
A.Coal—Shenandoah Furnace Co., 660 Bullitt Bldg.
Stone—B. Shields, 9th, cor. Ells. St.
A.Coal—Silver Cord Mining Co., 919 Drexel Bldg.
Silv.—Silver King Mining & Milling Co., 234 S. 4th St. Silver.
B.Coal—H. I. Smith & Co., 201 Walnut Place.
B.Coal—Sonman Coal Mining Co., Bullitt Bldg. John Pitcairn, pres.; C. C. Watt, v. pres.; L. V. Biggs, secy. and treas.; T. S. Shoemaker, gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Mine at Sonman.
G.Cop.—Southern Gold & Copper Co., 2033 Walnut St.
A.Coal—Geo. C. Spooner, 201 Walnut Place.
Roll.M.—Standard Steel Works, 220 S. 4th St. Rolling mill.
B.Coal—Sterling Coal Co., 419 Walnut St. Mine at Hastings.
Zinc—Sterling Iron & Zinc Co., 925 Chestnut St. A. Hickscher, pres.; S. P. Wetherill, v. pres.; J. Lewis Thomas, secy.; J. H. Troutman, treas.; J. Price Wetherill, gen. mgr. Mine at Franklin Furnace, N. J.
A.Coal—Stineman Coal Co., 421 Chestnut St.
Gold—Stormont Mining Co., 208 S. 4th St.
A.Coal—Susquehanna Coal Co., 263 S. 4th St. Mine at Nanticoke.
B.Coal—Sweet & Brown, 412 Betz Bldg. Mine at Defiance.
A.Coal—Thomas Coal Co., 242 S. 3d St.
A.Coal—Tipton Coal Co., 138 S. 4th St.
Silv.—Tombstone Mill & Mining Co., 139 S. 4th St. Silver. Geo. Burnham, pres.; Philip Corbin, v. pres.; S. C. Dunham, secy.; G. S. Corbin, treas.; W. J. Cheyney, gen. mgr. I. W. McElwer, asst. treas. and secy. Mines at Tombstone, Ariz.
B.Coal—United Collieries Co., 915 Drexel Bldg. Samuel C. Langdon, pres.; W. E. Steen, secy. and treas. Cap. stk., $250,000, pd up. Mines at Houtzdale and Langdondale.
Anti.—United States Antimony Co.

PHILADELPHIA—Continued.
A.Coal—Victor Coal Co., 611 Drexel Bldg.
B.Coal—Virginia Coal Co., 333 Walnut St.
B.Coal—Virginia Gas Coal Co.
B.Coal—Vulcan Coal and Coke Co.
A.Coal—Volcanic Coal Co., 136 S. 4th St.
B.Coal—Webster Mining Co., 1302 Filbert St.
R.M.Fur.—Wellman Iron & Steel Co., 220 S. 4th St. Rolling mill and blast furnace.
A.Coal—Wm. A. West, 222 Walnut St.
B.Coal—Westmoreland Gas Coal Co., 224 S. 3d St.
B.Coal—West Pennsylvania Coal Co., 308 Walnut St.
A.Coal—Westwood Coal Co., 228 S. 3d St.
C.E.—John A. Wilson, Civil Engineer, 1036 Drexel Bldg.
B.Coal—Winifrede Coal Co. (Decline to furnish any information whatever).
A.Coal—Wyoming Valley Coal Co., 228 S. 3d St. Mine at Wilkes-Barre.

PHILLIPSBURG, Center Co. Pop. 3,245. M.O. Tel. Ry. 17; 63; 660.
B.Coal—Adams & Co. Jefferson mine; 22,000 tons; 120 days, 50 employes. Geo. B. Friday, mine supt.
B.Coal—Allport Coal Co.
B.Coal—John Ashcroft. (Local.)
B.Coal—Baltic Coal Co. Baltic mine. 30,000 tons; 90 days; 125 employes. H. K. Grant, mine supt.
B.Coal—T. Barnes & Bro. Derby and Lancashire Nos. 1 and 2 mines. 100,000 tons; 115 days; 245 employes. Thomas Barnes, mine supt.
B.Coal—Coaldale Coal Co. Coaldale No. 3, 4, 5, 6, 7 and 8 mines. Drifts, slopes. Steam.
B.Coal—Decatur Coal Co.
B.Coal—Derby Coal Co.
B.Coal—C. A. Faulkner & Co.
B.Coal—Hoyt & Lytle.
B.Coal—E. R. Jackman. Colorado Nos. 1, 2 and 3 mines; 60,000 tons; 102 days; 180 employes.
B.Coal—O. Perry Jones. Acme mine; 45,000 tons; 195 days; 90 employes. Coaldale No. 3 mine; 68,000 tons; 120 days; 145 employes. Coaldale No. 5 mine; 55,000 tons; 125 days; 110 employes. Steam. J. R. Fleming, mine supt.
Insp.—Joseph Knapper, Mine Inspector 8th Bituminous District of Pennsylvania.
B.Coal—Lancashire Coal Co.
B.Coal—Laurel Veil Coal Co.
B.Coal—Thos. J. Lee & Co., Ltd. Thos. J. Lee, chairman and gen. mgr.; Jas. L. Somerville, secy. and treas. Cap. stk., $8,000, pd. up. Gearhart mine. Drift, 75,000 tons; 110 employes. Horse. Richard Lobb, mine supt.
B.Coal—Lee & Ashburn.
B.Coal—Magee & Lingle. Pardee Nos. 1 and 2 mines; 120,000 tons; 155 days; 390 employes. Steam. W. C. Lingle, mine supt.
B.Coal—Munson Coal Co. Munson mine. Tunnel.
B.Coal—New Coaldale Coal Co.
B.Coal—John Nuttall & Co. Decatur No. 1 mine. Open pit; 40,000 tons; 85 days; 115 employes. Geo. W. McGaffey, mine supt.
B.Coal—Samuel E. Pfoutz.
B.Coal—Queen Coal Co.
B.Coal—Silas Reece.
B.Coal—Jos. H. Reilly.
B.Coal—Sanford & Duncan.
B.Coal—R. L. Scott & Co. Imperial No. 1 mine; 20,000 tons; 70 days; 100 employes. J. R. Fleming, mine supt.
B.Coal—J. Swires & Co. Montana mine. Open pit.
B.Coal—Fred C. Todd & Co. Lane mine; 35,000 tons; 80 days; 75 employes. Fred C. Todd, mine supt.
B.Coal—John Walton & Son. Highland mine; 2,000 tons; 60 days; 8 employes. John Walton, mine supt.
B.Coal—R. B. Wigton & Sons.
B.Coal—Williams, Morris & Co. Glenwood No. 1 mine; 40,000 tons; 155 days; 85 employes. John M. Campbell, mine supt.
M.E.—Philip E. Womelsdorff, Mining Engineer.

PHILIPSTON, Clarion Co. Tel. Ry. 15.
B.Coal—Albion Coal Co.

PHOENIX, Armstrong Co. Pop. 109. Ry. New Mayville, 15. Banking town Kittanning.
B.Coal—Samuel Brunburgh. (Local.)
B.Coal—C. W. Ellenberger. (Local.)
Stone—G. B. Stranger.

PHOENIX PARK, Schuylkill Co. P.O. and Ry. Minersville, 465; 660; 666; 672.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Phoenix Park No. 3 mine. 70,000 tons; 200 days; 260 employes. Steam. Breaker. R. C. Luther, supt.

PICTURE ROCKS, Lycoming Co. Pop. 510. M.O. Ry. 943. Banking town Hughesville.
Stone—C. F. Billamboz. Picture Rock quarry. Bluestone.
Stone—Geo. West. Picture Rock Stone Works. Bluestone.
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PINDLETON, Cambria Co. Pop. 167. Banking town and Ry. Ebensburg, 660.
B.Coal—Ellsworth Rowland. (Local.)

PINEGROVE, Schuylkill Co. Pop. 1,103. M.O. Tel. Ry. 672.
A.Coal—Geo. Bougert. (Local.)
A.Coal—Miller, Graef & Co. (Local.)
A.Coal—Miller & Co. (Local.)

PINEGROVE FURNACE, Cumberland Co. Tel. Ry. 378. Banking town Carlisle.
Slate—Fuller Brick & Slate Co.
I.Fur.—South Mtn. Mining & Iron Co. Hematite ore. Steam.
Pinegrove Furnace. One stack. 3,500 tons.

PINE HILL, Somerset Co. Pop. 31. Ry. Berlin, 49.
B.Coal—S. Coleman & Son. Pine Hill mine. 12,000 tons; 150 days; 20 employes. Frank S. Coleman, mine supt.
B.Coal—C. W. Kimmel. (Local.)
Philadelphia & Reading Coal & Iron Co., Philadelphia. Lincoln mine. Slope. Breaker. Steam.
B.Coal—W. H. Slemmer & Co.

PITTSBURG, Allegheny Co. Pop. 240,000. M.O. Tel. Ry. 15; 14a; 49; 473a; 547a; 626; 660; 680; 681; 685; 686; 688; 691.
Roll.M.—Aliquippa Steel Co., 512 Times Bldg. J. S. Kaufman, pres. and buyer; C. D. Greenlee, v. pres.; S. Kaufman, secy. and treas.; E. Kaufman, gen. mgr. Cap. stk. $150,000, pd. up. Mill at Aliquippa.
B.Coal—Allen Coal Co., 504 Lewis Blk.
B.Coal—Alps Coal Co., 117 Water St.
B.Coal—Amyville Youghiogheny Coal Co., 37 Vandergrift Bldg.
B.Coal—C. T. Anderson, 134 Water St.
Roll.M.—Anderson-Du-Poy Steel Co., 8 Wood St. Rolling mill.
Iron—Angeline Dock Co., 3d Ave. and Try St.
Roll.M.—Apollo Iron & Steel Co. Rolling mill.
B.Coal—Armstrong & Co., 2900 Liberty Ave.
B.Coal—Robt. J. Bailey & Co., 104 4th Ave.
Iron—Wallace Barnfield & Co.
B.Coal—Alex. Black Coal Co., 6th St. and Penn Ave.
B.Coal—J. Blythe & Co., 8 Wood St.
B.Coal—Boyle Bros. Coal Co., 245 Fourth Ave. J. D. Boyle, pres.; J. E. Boyle, secy. and treas.; R. H. Boyle, gen. mgr. Cap. stk. $50,000, pd. up. Mine at Finleyville.
B.Coal—Briggs & Flint, 36 Conestoga Bldg.
Roll.M.—Brown & Co., 10th and Duquesne Sts. Rolling mill.
Roll.M.—Canonsburg Iron & Steel Co., 421 Wood St. Rolling mill.
Roll.M.—Carbon Steel Co., 32d and Smallman Sts. Rolling mill.
B.Fur.—Carrie Furnace Co., 605-15 Sixth Ave. Blast furnace.
B.Coal—Castle Shannon Railroad Co., 50 Carson St.
B.Coal—Catsburg Coal Co., 99 Water St.
B.Coal—Chartiers Block Coal Co., 61 4th Ave.
Roll.M.—Chartiers Iron & Steel Co., 8 Wood St. Rolling mill.
Roll.M.—Chess Bros., 415-531 Wood St. Rolling mill.
Roll.M.—Wm. Clark's Son & Co., 35th and Charlotte Sts. Solar Steel Works. Two open hearth and 8 gas heating furnaces. Seven trains rolls, three 8-inch, one 9-inch, one 10-inch, one 12-inch and one 20-inch. 35,000 tons. Steel hoops, bands, saw blades, etc.; 300 days; 450 employes. Steam. Operate 2 miles of Ry., 2 locomotives, 20 cars.
Phos.—Clear Spring Phos. Co., 317-15 7th Ave. Mines at Bartow, Fla.
R.M.Fur.—Clinton Iron & Steel Co., 208 Wood St. Rolling mill and blast furnace.
Roll.M.—Cold Rolled Steel Co. of Pittsburg. Rolling mill.
B.Coal—Columbia Coal Co., 11 Wood St.
G.S.—Columbus Mining Co., 541 Grant St. Gold and silver.
Stone—Con. Stone & Mining Co., 607 Hamilton Bldg. Sandstone. Quarry at Wampum.
B.Coal—Corey Gas Coal Co., 595 Fifth Ave. Mine at Courtney.
Roll.M.—Crescent Steel Co., 136 1st Ave. Rolling mill.
B.Coal—Delta Coal Co., 11 Wood St.
B.Coal—Alex. Dempster.
A.Coal—Dickson Coal Co., 3010 Liberty Ave.
Roll.M.—Dilworth, Porter & Co., 15 6th Ave. Rolling mill.
B.Coal—Doty, Cleaver & Co., 77 Fourth Ave.
B.Coal—Douds & Miller, 11 Wood St.
Smlt.—Duquesne Mining & Reduction Co. Smelter.
B.Coal—Eclipse Coal Co., 8 Wood St. Eclipse and River mines; 83,000 tons; 80 days; 207 employes. Steam. D. B. Blackburn, mine supt. Mine in Washington Co.
B.Coal—Essen Coal Co., 61 4th Ave.
B.Coal—Eureka Coal Co., 11 Wood St. Mine at Jacobs Creek.
C.E.—E. L. Farren, Civil Engineer, 341 4th Ave.
B.Coal—Fidelity Coal Co., 52 Singer Bldg.
B.Coal—W. P. Flakerty, 111 4th Ave.
B.Coal—Henry Florsheim, 810-811 Carnegie Bldg. Mines at Finleyville.

PITTSBURG—Continued.
B.Coal—Fort Pitt Coal Co., 1010 Penn Ave.
Smlt.—Fort Pitt Smelting Co., 101 5th Ave.
Chem.—F. G. Frick, Ph.D. Consulting and analytical chemist.
Roll.M.—J. W. Friend & Co., 208 Wood St. Rolling mill.
Baux.—Georgia Bauxite & Mining Co., 701 Ferguson Bldg. A. W. Mellon, pres.; A. E. Hunt, v. pres., secy. and gen. mgr.; J. R. Gibbons, M. E., buyer. Cap. stk. $50,000, pd. up. Mine at Linwood, Ga
M.E.—P. B. Gilderoy, Mining Engineer. Specialty, opening up and developing new mines. 2219 Penn Ave.
C.E.—G. A. Gilfillan, Civil Engineer and Surveyor, 78 Fidelity Bldg.
B.Coal—Gilfillan Black Diamond Co., 77 Fidelity Bldg. G. A. Gilfillan, pres. and gen. mgr.; S. M. Duff, v. pres.; R. W. Gibbs, secy.; Wm. Weiner, treas. Cap. stk. $25,000; $20,000 pd. up. Mine at Bridgeville.
R.M.Fur.—Hainsworth Steel Co., 27th and Smallman Sts. Rolling mill and blast furnace.
B.Coal—Halings Bros., ft. 5th St.
B.Coal—Hanna Bros., 127 4th Ave., room 3 Hartley Bldg.
Stone—T. W. Hans, 708 Penn Ave.
B.Coal—Hartley & Marshall, W. Carson St. (Roger Hartley, prop.) Cap. $300,000. Mine at Banksville.
B.Coal—Hays Coal Co., 11 Wood St.
Silv.—Hidalgo Mining Co., 50 9th St. John H. McKelvey, pres.; W. F. Armstrong, v. pres.; S. E. Gill, secy. treas. and buyer. Cap. stk. $1,000,000. Silver. Mine at Parral, Mexico.
B.Coal—Hornet Coal Co., 99 Water St.
B.Coal—Hostetter Connellsville Coke Co., 59 4th Ave. Geo. I. Whitney, pres.; A. C. Knox, treas.; John T. Rush, gen. supt. Mines at Hostetter and Whitney.
Roll.M.—Howe, Brown & Co. Rolling mill.
Roll.M.—Hussey, Bins & Co. Rolling mill.
G.S.—Idaho & Pittsburg Mining & Milling Co., 95 5th Ave. Gold and silver.
B.Coal—Imperial Coal Co. Mine at Imperial.
Roll.M.—Iron City & Hammondville Improvement Co. Rolling mill.
B.Coal—T. M. Jenkins & Co., 335 Water St. T. M. Jenkins, pres. Cap. stk. $50,000, pd. up. Mines at California and Sunnyside.
Gran.—Jas. C. Johnston, 101 5th Ave. Cap. $25,000. Granite. Quarry at Pacolet, S. Car.
Roll.M.—Jones & Laughlins. Rolling mill.
B.Coal—C. Jutte & Co., 102 Water St.
B.Coal—Keeling Coal Co.
Roll.M.—Keystone Rolling Mill Co.
Roll.M.—La Belle Steel Co. Rolling mill.
B.Coal—Latimer, Meyers & Co., 30th and Liberty Sts.
Stone—Laughlin & Co., Ltd. Limestone. Quarry at Ellwood City.
C.E.—Harry J. Lewis, Civil Engineer, 116 4th Ave.
Stone—Ligonier Stone Co.
Roll.M.—Linden Steel Co. Rolling mill.
Roll.M.—H. Lloyd Sons & Co. Rolling mill.
Roll.M.—Lockhart Iron & Steel Co. Rolling mill.
B.Coal—G. Lysle & Sons, 8 Wood St.
B.Coal—M. McCue Estate.
Marb.—J. McDonnell, Hazelwood and Frank Sts. Marble.
B.Coal—McKinley Coal Co., 11 Wood St.
B.Coal—McLaughlin Coal Co., foot of 4th St.
Roll.M.—Mackintosh, Hemphill & Co. Rolling mill.
Gran.—Maine Granite & Globe Quarry, 710 Penn Bldg.
Gran.—Marble Hill Quarry Co., 706 Penn Bldg. Granite. Quarry at Marblehill.
B.Coal—Marmet & Co., 11 Wood St.
B.Coal—R. L. Martin, 8 Wood St.
Marb.—Peter Miller. Marble.
B.Coal—Millers Run Coal Co., 194 5th Ave.
B.Coal—Mingo Gas Coal Co., 306 Ferguson Blk.
G.S.—Mono Gold & Silver Mining Co. W. W. Murray, pres.; Wm. Adams, v. pres.; J. F. Grimes, secy. and treas.; J. M. Gardner, gen. mgr. and buyer. Cap. stk. $500,000. Gold and silver. Mine at Pitkin, Colo.
Roll.M.—Monongahela Iron & Steel Co.
Roll.M.—Moorehead Bros. & Co., 301-15 6th Ave. Rolling mill.
R.M.Fur.—Moorehead-McCleane Co., 2d Ave., near Brady St. Rolling mill and blast furnace.
B.Coal—Munhall Bros., 409 Smithfield St.
Inv.E.—George Francis Myers, Inventive Engineer, 807 Penn Bldg.
B.Coal—National Coal Co., Ltd., 95 5th Ave. F. Armstrong, pres. and gen. mgr.; Lem. Jenkins, secy. and buyer; J. A. McCready, treas. Cap. stk. $51,000, pd. up. Mine at Noblestown.
B.Coal—New York & Cleveland Gas Coal Co., 820 Penn Ave. Pleasant Valley mine; 30,000 tons; 120 days; 100 employes. Steam. F. Z. Schellenberg, mine supt.
B.Coal—Oak Ridge Coal Co., 4th Ave and Fry St.
B.Coal—Ohio Sewer Pipe Co., 91 5th Ave.
B.Coal—Oliver Coke & Furnace Co., 10th and Muriel Sts.
Roll.M.—Oliver Iron & Steel Co., 10th and Muriel Sts. Rolling mill.
Iron—Oliver Mining Co. H. W. Oliver, pres.; C. D. Fraser, secy.; H. M. Curry, treas.; Edward Florada, gen. mgr. Mines at Virginia, Minn.
B.Coal—O'Neill & Co., 8 Wood St.
B.Coal—Pacific Coal Co., 110 Diamond St.

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PITTSBURG—Continued.
Roll.M.—J. Painter Sons & Co., 96 Water St. Rolling mill.
Roll.M.—Park Bros. & Co., Ltd., 30th and Smallman Sts. Rolling mill.
Stone—Park & Park Stone Co., 422 Telephone Bldg.
Man.—Pennsylvania Manganese Co.
Iron—Phoenix Iron Works Co., 95 5th Ave.
B.Coal—Pittsburg Coal Co., 309 Ferguson Blk.
B.Coal—Pittsburg Consumers Coal Co., 510 Penn. Bldg.
B.Coal—Pittsburg Fairport N. W. Dock Co., 510 Penn Bldg.
Roll.M.—Pittsburg Forge & Iron Co. Rolling mill.
B.Coal—Pittsburg Fuel Co., 427 Telephone Bldg.
Min.Pt.—Pittsburg Iron Paint Co., 138 S. Canal A. Mineral paint.
Iron—Pittsburg & Lake Superior Iron Co. Mine at Palmer, Mich.
Red.Wks.—Pittsburg Reduction Co., 121 3d Ave.
Smelt.—Pittsburg Smelting & Refining Co., 421 Wood St. Jas. T. Buchanan, pres. and buyer; J. J. McDermott, v. pres.; Justus Mulert, secy. and treas. Cap. $25,000. Eight stacks. Coal, charcoal, coke, gas and oil. Lead, copper, tin, stereotype, babbitt metal, etc.; 800 tons; 300 days. 150 nights. 17 employes. Steam.
Roll.M.—Pittsburg Steel Casting Co., 26th and Railroad Sts. Rolling mill.
Stone—Pittsburg Stone Co., 11 Wood St.
Roll.M.—Pittsburg Tool Steel Co., 121 3d Ave. Rolling mill.
B.Coal—Pittsburg & Belle Vernon Coal Co., 515 Ferguson Blk.
B.Coal—Pittsburg & Castle Shannon R.R. Co., 50 Carson St.
B.Coal—Pittsburg & Chicago Gas Coal Co., Germania Blk.
Copp.—Pittsburg & Tennessee Copper Co., 3222 Penn Ave. Isaac Reese, pres.; Hugh Ferguson, v. pres.; A. H. Leslie, secy.; S. J. Wainwright, Jr., treas. Copper. Mine at Ducktown, Tenn.
B.Coal—Pittsburg & Walnut Hill Coal Co., 510 Penn Bldg.
B.Coal—Poole Coal & Coke Co.
B.Coal—Posey & Sebolt, 99 Water St.
C.E.Sur.—Stewart H. Ralston, Civil Engineer and Surveyor, 321 Lehigh Ave.
Gold—Red Mountain Mining & Milling Co., 131 5th Ave.
B.Coal—S. G. Reed, 117 W. Water St.
B.Coal—Republic Coal Co., 111 9th St.
B.Coal—G. B. Richards Co., 11 Wood St.
B.Coal—J. M. Risher, 8 Wood St.
B.Coal—Robbins Coal Co., 708 Penn Ave.
B.Coal—W. B. Rodgers, 115 Water St. (See Tide Coal Co.)
B.Coal—St. Clare Coal & Coke Co.
B.Fur.—Salem Iron Co. Blast furnace.
B.Coal—San Carlos Coal Co., 116 4th Ave.
B.Coal—Saw Mill Run Coal Co., 306 Ferguson Blk.
Gold—John P. Scarff, 145 4th Ave.
B.Coal—A. J. Schulte, 8 Wood St.
Iron—Sellers Ore Co. W. C. Fownes, pres.; H. C. Fownes, v. pres.; J. Ramsey Speer, secy. and treas.; C. H. Munger, supt. Mine at Hibbing, Minn.
B.Coal—Estate of W. Shaw, 421 Wood St.
Roll.M.—Shoenberger & Co., 15th and Etna Sts. Rolling mill.
St.Wks.—Singer, Nimick & Co., Ltd., 83 Water St.
Roll.M.—Spang, Chalfant & Co., 66 to 70 Sandusky, A. Rolling mill at Etna.
Stone—Standard Flagstone Pavement Co., P.O. Box 1016.
Roll.M.—Star Tin Plate Co. N. A. Hemphill, pres.; W. F. Dutton, secy. and treas. Eight double furnaces. Eight trains hot rolls; 9 trains cold rolls and 10 trimming sets. 12,500 tons. 250 days. Steam and electricity.
B.Coal—F. L. Stephenson, 57 4th Ave.
Roll.M.—Sterling Steel Co., 820 Penn Ave. Rolling mill.
B.Coal—Stockdale Coal Co., 504 Lewis Blk.
B.Coal—H. W. Strickler, 38 Fidelity Bldg.
Coke—J. A. Strickler Coke Co., Ltd., 42 5th Ave.
M.E.—S. Stutz, Mining and Mechanical Engineer, 101 5th Ave.
Roll.M.—Superior Steel Co., 605 Smithfield St. Rolling mill.
B.Coal—Tide Coal Co., 115 Water St.
B.Coal—A. C. Tinsman, 133 4th Ave.
Gold—Trade Dollar Mining & Milling Co., 603 Ferguson Blk.
F.Clay—United States Fire Clay Co., 52 Ninth St. F. H. Colman, pres.; P. C. Hamilton, v. pres.; H. T. Hanna, secy. and buyer; W. D. Bristol, mgr. Cap. stk. $160,000, pd. up. Mine at Lisbon, Ohio.
Co.Lm.—Valley Coal & Lime Co., 47th and A. V. Ry.
B.Coal—Vesta Coal Co., 3d Ave and Try St.
B.Coal—Virginia & Pittsburg Coal & Coke Co. Mine at Benton's Ferry, W. Va.
B.Coal—Joseph Walton & Co., 134 Water St. I. N. Bunton, pres.; Jno. F. Walton, v. pres.; Thos. McK. Cook, secy. and treas. Cap. stk. $500,000, pd. up.
B.Coal—Washington Coal & Coke Co., 23 Coxestoga Bldg.
B.Coal—Watson Mining and Manufacturing Co., 717 Ferguson Blk.
B.Coal—Waverly Coal Co., 134 Water St.
Stone—Westmoreland Supply Co., 6208 Penn ave. Sandstone.
B.Coal—R. F. Wilson, 113 Water St.
B.Coal—Woll Coal and Coke Co., Marion Ave.

PITTSBURG—Continued.
B.Coal—J. A. Wood & Son, 87 Water st.
B.Coal—T. J. Woods, 108 Water st.
B.Coal—Thos. Woodside, Liberty Ave., Nr. 30th st.
B.Coal—Youghiogheny Gas Coal Co.
Roll.M.—Zug & Co., Ltd., 13th & Etna sts.

PITTSTON, Luzerne Co. Pop. 10,302. M.O. Tel. Ry. 244; 465.
C.M.E—John W. Berry, Consulting Civil and Mining Engineer.
A.Coal—C. C. Bowman.
A.Coal—Butler Mine Co., Ltd. Butler, Schooley and Fernwood mines. Shafts. Steam.
C.M.E.—G. H. Collins, Civil and Mining Engineer, 311 Spring St.
A.Coal—C. S. Cram.
A.Coal—B. F. Dewey.
A.Coal—Lehigh Valley Coal Co., Philadelphia. Heidleburg shaft. Daily capacity, 530 tons; 300 employes. Steam. Heidleburg slope. Daily capacity, 500 tons; 270 employes. Steam. W. A. Lathrop, supt.
A.Coal—J. H. Moiser.
A.Coal—Newton Coal Mining Co. Seneca, Ravine and Twin mines. Shafts. Breakers. Steam.
A.Coal—Old Forge Coal Co., Philadelphia.
A.Coal—Pennsylvania Coal Co. Barnum shafts Nos. 2 and 3. 228,000 tons; 150 days; 600 employes. Steam. Breaker. John B. Smith, supt.
A.Coal—D. Schooley.
Stone—Symington & Perrin. Blue building stone.

PLAINS, Luzerne Co. Pop. 1,029. M.O. Tel. Ry. 603.
A.Coal—Delaware & Hudson Canal Co., Scranton. Delaware mine. Slope and shaft. 183,900 tons; 185 days; 400 employes. Breaker. Steam. A. H. Vandling, supt.
A.Coal—Lehigh Valley Coal Co., Philadelphia. Prospect, Oakwood, Henry, Wyoming and Midvale mines. Shafts and slopes. Daily capacity, 3,000 tons; 1,250 employes. Steam. W. A. Lathrop, supt.

PLUMVILLE, Indiana Co. Pop. 732. M.O. Tel. Banking town and Ry. Indiana, 660.
B.Coal—W. McKee Wilson.

PLYMOUTH, Luzerne Co. Pop. 10,000. M.O. Tel. Ry. 244.
A.Coal—Delaware & Hudson Canal Co., Scranton. Boston and Plymouth shafts, Nos. 2, 3, 4 and 5. 667,000 tons; 170 days; 1,600 employes. Breaker. Steam.
A.Coal—Delaware, Lackawanna & Western R. R. Co. Scranton, Avondale and Woodward mines. 480,000 tons; 169 days; 1,400 employes. Breaker. Steam.
A.Coal—Dodscn-Plymouth Coal Co.
A.Coal—Haddock Coal Co.
A.Coal—Kingston Coal Co., Kingston. Gaylord mine. Slope. Breaker. Washer. Steam and compressed air.
A.Coal—Parrish Coal Co.
A.Coal—Plymouth Coal Co., Coal Exchange Bldg., Wilkes Barre. Dodson mine. Shaft, 350 ft. 180 days; 325 employes. Steam. Breaker. Jas. B. Davies, mine supt.

PLYMOUTH MEETING, Montgomery Co. Pop. 1,106. M.O. Ry. 672.
St.Lm.—G. & W. H. Corson. Limestone. Lime kilns. 300,000 bushels lime.
Lime—G. Hagy & Bro.

POINT PLEASANT, Bucks Co. Pop. 583. M.O. Ry. name Byron, N. J., 660. Banking town Doylestown.
Stone—R. Gilmer Bros. Limestone.

PORTAGE, Cambria Co. Pop. 564. M.O. Tel. Ry. 660. Banking town Johnstown.
B.Coal—I. Caldwell. Caldwell mine. 2,000 tons; 80 days; 10 employes. Joseph Wilson, mine supt.
B.Coal—Cambria Coal Mining Co., Williamsport. Anchor mine. Drift, 30,000 tons; 150 days; 80 employes. E. S. Brubaker, mine supt.
B.Coal—Clearfield Consolidated Coal Co.
B.Coal—Hopfer & Wilson. Ebbvale mine. Drift.
B.Coal—R. J. Hughes.
B.Coal—Lambrish, Scott & Co.
B.Coal—John C. Martin, New York. Continental No. 1 mine. 5,000 tons; 40 days; 35 employes. No. 2 mine. 17,000 tons; 70 days; 60 employes. No. 3 mine. Steam. P. F. Campble, mine supt.
B.Coal—Scott Coal Mining Co.
B.Coal—Thos. Wilkinson.

PORT KENNEDY, Montgomery Co. Pop. 583. M.O. Tel. Ry. 660; 672. Banking town Norristown.
Stone—A. Reais. Limestone.
Lime—A. Blair & Co.
Lime—R. E. M. Evans & Co.
B.Fur.—Montgomery Iron Co. Blast furnace.

PORTLAND, Northampton Co. Pop. 676. M.O. Tel. Ry. 54; 244; 464.
Slate—John Gardner.
Slate—Globe Hard Vein Slate Co. Globe Hard Vein quarry.
Slate—M. Weller.

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POTTSTOWN, Montgomery Co. Pop. 13,285. M.O. Tel. Ry. 660; 672.
St.Lm.—J. F. Althouse. Limestone and lime.
Stone—Thomas Beekley. Limestone.
Roll.M.—Ellis & Lessig Steel Iron Co., Ltd. Geo. B. Lessig, pres., gen. mgr. and buyer; J. B. Lessig, secy. and treas. Cap. stk. $300,000, pd. up. Twenty-two double puddling and two Smith heating furnaces. Five trains rolls, four 22-in. and one 8-in. bar. 46,500 tons bar iron; 300,000 kegs cut nails; 27,000 tons muck bar. 285 days; 460 employes. Steam. Joseph Barr, mill supt.
Iron—Gabel, Jones & Gabel.
St.Lm.—Gerber & Fox. Limestone and lime.
Roll.M.—Glasgow Iron & Steel Works. Rolling mill.
Stone—May & Shanner.
Stone—G. Nagle & Co.
Stone—H. W. Nagle.
Roll.M.—Potts Bros. Iron Co. Rolling mill.
R.M.Fur.—Pottstown Iron Co. Rolling mill, blast furnace.
B.Fur.—Warwick Iron Co. Blast furnace.
A.Coal—H. Wells & Son.

POTTSVILLE, Schuylkill Co. Pop. 14,114. M.O. Tel. Ry. 465; 660; 666; 672.
A.Coal—Albright Coal Co. James Archbald, pres.; Joseph A. Archbald, secy. and treas. Cap. stk. $200,000. Mine at Llewellyn.
A.Coal—Chamberlain Coal Co., Scranton. Chamberlain mine. Slope, 1,500 ft. 150,000 tons; 200 days; 250 employes. Breaker. Steam. Operate 169 canal boats.
A.Coal—Excelsior Coal Co.
C.M.E.—Howell T. Fisher, Civil and Mining Engineer.
A.Coal—Lehigh Valley Coal Co., Philadelphia. York Farm mine.
Insp.—John Maguire, Inspector of Mines, Eighth Anthracite District.
A.Coal—W. J. Matz.
A.Coal—Pine Hill Coal Co. A. B. Cochran, M. E., pres.; Jos. D. Stone, v. pres.; Frank L. Fisher, secy.; Wm. A. Cochran, M. E., treas.; John Gibson, gen. mgr.; Wm. Core, buyer. Cap. stk. $50,000, pd. up. Mine at Minersville.
M.E.—Francis A. Pocock, Mining Engineer. Specialty, Haulage and Electrical Transmission.
R.M.Fur.—Pottsville Iron & Steel Co. Rolling mill and blast furnace.
A.Coal—J. K. Sigfried.
A.Coal—Stoddart Coal Co. Chas. E. Breckons, pres.; Guy C. Irish, secy. and treas.; J. I. Hollenbeck, gen. mgr. Cap. stk. $50,000, $46,000 pd. up. Mines at Gilberton and Minersville.
A.Coal—Geo. U. Sturdivant. Flowery Field mine. 3,000 tons; 20 days; 70 employes. Steam.

POWELTON, Center Co. Pop. 116. Ry. 660. Banking town Osceola Mills.
B.Coal—Robt. A. Jackson. Cap. $10,000. Black Diamond mine. Open pit. 36,000 tons; 60 employes. John O'Neill, mine supt.

PRICEBURG, Lackawanna Co. Pop. 137. M.O. Ry. Dickson City, 243. Banking town Scranton.
A.Coal—John Jermyn. Jermyn Nos. 3 and 4 mines. 177,000 tons; 75 days; 528 employes. Breaker. Steam. W. M. Jermyn, supt.

PRINCETON, Lawrence Co. Pop. 143. Tel. Banking town and Ry. New Castle, 598; 660; 681; 683; 929.
Iron—Moses Gundry.
Iron—Lewis Lamp.

PUGH, Somerset Co. Banking town and Ry. Somerset, 49.
B.Coal—N. E. Mostoller.

PUNXSUTAWNEY, Jefferson Co. Pop. 2,792. M.O. Tel. Ry. 98; 662.
B.Coal—Rochester & Pittsburg Coal & Iron Co., Rochester, N. Y. Walston, Adrian. Beechtree and Eleanora mines. Slope. 1,331,469 tons; 2,267 employes. 1,140 coke ovens. 253,977 tons. Steam and air. L. W. Robinson, gen. mgr. Operate 7 locomotives.

PURITAN, Cambria Co. Ry. Portage, 660.
B.Coal—G. Pierce & Bros.

QUAKERTOWN, Bucks Co. Pop. 3,000. M.O. Tel. Ry. 672.
Stone—A. W. Storback. Smoke Town quarry. Trap rock.

QUEMAHONING, Somerset Co. Pop. 42. Ry. Hooversville, 49. Banking town Johnstown.
B.Coal—Solomon Horner. (Local.)
B.Coal—Wm. Horner. (Local.)

QUINCY, Franklin Co. Pop. 364. M.O. Ry. 551.
Iron—Geo. G. Rock. Laurel Valley mine. Open pit. Steam.

RACINE, Washington Co. Ry. Millsboro, 549.
B.Coal—Henry Bristor. (Local.)

RALSTON, Lycoming Co. Pop. 394. M.O. Tel. Ry. 613. Banking town Williamsport.
B.Coal—Red Run Coal Co., Roaring Branch. Red Run mine. Tunnel. Steam.

RAMEY, Clearfield Co. Pop. 1,100. M.O. Tel. Ry. 17; 660.
B.Coal—Beulah Coal Co., Ltd., Philadelphia. Webster mine No. 4. Tunnel. Steam.
B.Coal—John C. Scott & Sons, Betz Bldg., Philadelphia. Webster No. 4 mine. Tunnel. 75,000 tons; 160 days; 140 employes. Steam.

RAPPAHANNOCK, Schuylkill Co. Pop. 549. P.O. Girardville. Ry. 465; 672.
B.Coal—Lehigh Valley Coal Co. Packer No. 5. 156,350 tons; 140 days; 520 employes. Steam. Col. D. P. Brown, supt.

RATHMEL, Jefferson Co. M.O. Ry. 726.
B.Coal—Henry Brothers. Henry Bros. mine. 40,000 tons; 155 days; 68 employes. L. L. Henry, mine supt.

RAVENRUN, Schuylkill Co. Pop. 515. Tel. Ry. 465. Banking town Ashland.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Girard Mammoth mine. 62,000 tons; 170 days; 235 employes. Steam. Breaker. John Veith, supt.

RAYMILTON, Venango Co. Pop. 178. M.O. Tel. Ry. 451; 929. Banking town Franklin.
B.Coal—P. P. Kimbell. (Local.)
B.Coal—Maple Grove Coal Co.
Stone—A. W. Raymond.
B.Coal—Jno. Wallace.

READING, Berks Co. Pop. 58,661. M.O. Tel. Ry. 660; 672; 946.
Stone—Bauer & Messmer.
Roll.M.—Blandon Rolling Mill.
St.M.—Carpenter Steel Co., 1 Broadway, New York. 36 crucible furnaces; 5 trains rolls, 16-in., 10-in., 7-in., 4-in. Crucible steel, armor piercing projectiles, cutlery and tool steel, etc. 285 days; 300 employes. Steam. H. C. Babbitt, chemist.
Gold—Columbia Mining & Milling Co.
Roll.M.—Diamond Steel Co., Exeter & Front Sts. P. W. Hawman, pres.; Edw. Sassaman, v. pres.; S. Y. Reigner, secy. and treas.; Walter Steel, gen. mgr. Cap. stk. $50,000, $36,700 pd. up. Four heating, 10 crucible furnaces. Three trains rolls, one 10-in., one 12-in., one 14-in. 275 days; 40 employes. Steam.
B.Fur.—Eckert & Bro. Blast furnace.
A.Coal—Fulton Coal Co.
Slate—Griesemer & High.
Roll.M.—Keystone Iron Works. Rolling mill.
Iron—Leghorn Mining & Manufacturing Co.
Roll.M.—Wm. McIlvain & Sons. Rolling mill.
A.Coal—Francis B. Palm, 401 N. 11th St. Mine at St. Clair.
Roll.M.—Reading Bolt & Nut Works. Rolling mill.
R.M.Fur.—Reading Iron Co. Rolling mill and blast furnace.
Roll.M.—Reading Rolling Mill Co. Rolling mill.
A.Coal—W. H. Scott.
Roll.M.—S. R. Seyfert & Bros. Rolling mill.
Roll.M.—J. H. Sternbergh & Son, N. 3rd St. Four heating furnaces. Three trains rolls, one 9-in., one 10-in. and one 12-in. 13,000 tons bar iron. 310 days; 500 employes. Steam.
B.Fur.—Temple Iron Co. Geo. F. Baer, pres.; F. C. Smink, treas.; Albert Broden, gen. mgr.

REDBANK FURNACE, Clarion Co. Pop. 203. Ry. name Redbank, 15.
B.Coal—Oak Mining Co., Buffalo, N. Y. Oak Ridge No. 1, 2 and 3 mines. Drifts. Steam.

REDINGTON, Northampton Co. Pop. 404. Tel. Ry. 465. Banking town Easton.
Stone—Joseph Clark.
Iron—Coleraine Iron Co.

REDMAN MILLS, Allegheny Co. Ry. name Ormsby, 660. Banking town Pittsburg.
B.Coal—H. G. Burghman. (Local.)

REINHOLDS STATION, Lancaster Co. Pop. 410. M.O. Tel. Ry. 672. Banking town Reading.
Slate—B. H. Kegerise.

REISSING, Allegheny Co. P.O. Bridgeville. Ry. 686.
B.Coal—Pittsburg & Western Coal & Coke Co., Chicago., 119 Dearborn st. Two mines. Shaft. Output included in McDonald report.
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RETORT, Center Co. P.O. Powelton. Ry. 660.
B.Coal—W. J. Jackson & Co.

REWARD, Perry Co. Ry. Millerstown, 660. Banking town Newport.
B.Coal—Geo. Craig. (Local.)

REYNOLDSVILLE, Jefferson Co. Pop. 2,789. M.O. Tel. Ry. 726.
B.Coal—Bell, Lewis & Yates Mining Co. Big Soldier Run mine. 423,000 tons; 165 days; 808 employes. Steam. John H. Bell, mine supt.
B.Coal—Cant Bros.
C.M.E.—John C. Hirst, Civil and Mining Engineer.

RIDDLESBURG, Bedford Co. Pop. 245. M.O. Tel. Ry. 379.
B.Coal—James B. Allen. Eureka mine. 1,000 tons; 30 days; 15 employes. (Local.)
Iron—Kemble Iron Co. Mount Equity mine. Tunnel. 88 coke ovens.

RIDDLES CROSSROADS, Butler Co. Pop. 56. Ry. Saxonburg, 660. Banking town Butler.
B.Coal—J. Fox. (Local.)
B.Coal—H. Hoak. (Local.)

RIDGWAY, Elk Co. Pop. 1,903. M.O. Tel. Ry. 98; 660.
B.Coal—Brock Coal Co.
C.E.Sur.—Horace Little & Son (Horace and A. B. Little). Civil Engineers and Surveyors.
B.Coal—Northwestern Mining & Exchange Co.

RIDLEY PARK, Delaware Co. Pop. 512. M.O. Tel. Ry. 675. Banking town Chester.
Gran.—Jos. H. Ward. Crum Creek quarry. Gray granite. Steam.

RIEGELSVILLE, Bucks Co. Pop. 436. M.O. Ry. Renosville, N. J., 660.
B.Fur.—Cooper & Hewitt. Blast furnace.
Iron—Washington Taylor.

RILLTON, Westmoreland Co. Ry. name McGrews, 964. Banking town Irwin.
B.Coal—Ocean Coal Co. Ocean mine. 52,000 tons; 208 days; 210 employes. F. I. Kimball, mine supt.

RIMERSBURG, Clarion Co. Pop. 360. M.O. Tel. Ry. 15.
B.Coal—Acme Mining Co., Buffalo, N. Y. Acme mine. Open pit.
B.Coal—Albion Mining Co.
B.Coal—Cherry Run Coal Co. Cherry Run mine. John I. Humphreys, mine supt.
B.Coal—C. N. Shipton & Co. Brier Ridge mine. 80,000 tons; 215 days; 174 employes. Steam. John D. Thomas, mine supt.

RIVER VIEW, Armstrong Co. P.O. Rimer. Ry. 15.
B.Coal—River View Coal Mining Co., Ltd., Bullitt Bldg., Philadelphia. River View mine. Drift. 150,000 tons; 250 days; 150 employes. Steam. Henry Reitz, mine supt.

ROBBINS STATION, Westmoreland Co. Ry. name Robbins, 49. Banking town W. Newton.
B.Coal—Blythe & Co.
B.Coal—Lake Shore Gas Coal Co.

ROBERTSDALE, Huntingdon Co. Pop. 651. M.O. Tel. Ry. 272.
B.Coal—Fleeman & Co.
B.Coal—Rockhill Iron & Coal Co., 320 Walnut st., Philadelphia. Semi-bituminous. Robertsdale mine. Slope, 600 ft. 150,000 tons; 300 days; 200 employes. Steam. Peter M. Connor, mine supt.

ROBESONIA, Berks Co. Pop. 714. M.O. Tel. Ry. 672. Banking town Reading.
B.Fur.—Robesonia Iron Co. Blast furnace.

ROCHESTER, Beaver Co. Pop. 3,649. M.O. Tel. Ry. 201a; 688.
B.Coal—J. J. Foster.
B.Coal—P. McLaughlin.

ROCHESTER MILLS, Indiana Co. Pop. 513. M.O. Banking town and Ry. Indiana, 660.
B.Coal—Noah Jeffries. (Local.)

ROCKHILL FURNACE, Huntingdon Co. M.O. Ry. name Rockhill, 272. Banking town Orbisonia.
Iron—Rockhill Iron & Coal Co., Philadelphia. Shade Mount mine. Fossil ore. Tunnel.
Rockhill Furnace. Two stacks. Gray forge pig iron. 30,000 tons.
Geol.M.E.—H. Neale Sims, Geologist and Mining Engineer.

ROCKLAND, Venango Co. Pop. 42. Ry. 15. Banking town Emlenton.
B.Coal—John Findley. (Local.)
B.Coal—Thos. Welsby. Slope, 90 ft.; 100 tons. (Local.)

ROCK POINT, Beaver Co. P.O. Hoytdale. Tel. Ry. 681.
B.Coal—Beaver Coal & Coke Co.
B.Coal—Clinton Coal Co.

ROCKWOOD, Somerset Co. Pop. 553. M.O. Tel. Ry. 49. Banking town Somerset.
Stone—J. C. McSpadden. Somerset quarry. Blue and brown paving blocks. Steam.

ROLAND, Center Co. Pop. 96. Ry. name Curtin, 660. Banking town Bellefonte.
R.M.Fur.—Curtins & Co.

ROSCOE, Washington Co. Pop. 370. M.O. Tel. Ry. name Lucyville, 660.
B.Coal—Alps Coal Co. Little Alps mine. 21,000 tons; 79 days; 48 employes. Snow Hill mine. 90,000 tons; 179 days; 150 employes. Steam. Joseph Underwood, mine supt.
B.Coal—Fidelity Coal Co. Fidelity mine. 47,000 tons; 120 days; 68 employes. Henry E. Kinloch, mine supt.
B.Coal—A. & J. Leonard. Anchor mine. 10,000 tons; 42 days; 60 employes. J. E. Leonard, mine supt.
B.Coal—Washington Coal Co.

ROSEPOINT, Lawrence Co. Pop. 268. Banking town and Ry. New Castle, 598; 660; 681; 683; 929.
B.Coal—John Camel. (Local.)
B.Coal—James McKeln. (Local.)

ROWLAND, Pike Co. Pop. 372. M.O. Ry. name Rowlands, 598. Banking town Hawley.
Stone—Wm. Kirkum.
Stone—G. H. Rowland.
Stone—Edward Tighe.

ROWLES, Clearfield Co. Ry. Grampian, 660. Banking town Clearfield.
B.Coal—Freedline & Freedline. (Local.)

RUBLE, Fayette Co. Pop. 87. Ry. 49. Banking town Uniontown.
B.Coal—Chas. Brownfield. (Local.)
B.Coal—William Durr. (Local.)
B.Coal—Geo. Miller. (Local.)

ST. AUGUSTINE, Cambria Co. Pop. 366. M.O. Ry. Ashville, 660.
B.Coal—Augustine Shaffner.

ST. BONIFACIUS, Cambria Co. Pop. 245. Banking town and Ry. Hastings, 660.
B.Coal—Geo. Kibler.

ST. CLAIR, Schuylkill Co. Pop. 3,680. M.O. Tel. Ry. 660; 662.
A.Coal—Thomas Croxton. Eagle mine. 4,000 tons; 225 days; 20 employes.
A.Coal—Denning Bros
A.Coal—W. B. Denning.
A.Coal—Elm Creek Mining Co., Scranton. Elm Creek mine. Shaft.
A.Coal—Francis B. Palm, 401 N. 11th st., Reading. Palm mine. 6,000 tons; 180 days; 4 employes. Water.
A.Coal—Philadelphia & Reading Coal & Iron Co., 227 S. 4th st., Philadelphia. Pine Forest and Eagle mines. Breaker. Steam.
B.Coal—Thompson & Hiatt.

ST. MARY'S, Elk Co. Pop. 1,745. M.O. Tel. Ry. 660; 778.
B.Coal—Kaul & Hall. Cascade and Hazel Dell mines. Open pit.

ST. NICHOLAS, Schuylkill Co. Pop. 825. M.O. Tel. Ry. 672. Banking town Mahanoy.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Boston Run, Bear Run, St. Nicholas, Suffolk and Maple Hill mines. 1,000,000 tons; 165 days; 2,920 employes. Steam. Breakers. John Veith, supt.

ST. PETERS, Chester Co. Pop. 224. M.O. Tel. Ry. 946. Banking town Downington.
Gran.—Chester Co. Granite Co.
Gran.—Davis Knauer. Cap. $50,000. French Creek Falls quarry. Granite. 50,000 yds.; 250 days; 150 employes. Steam. Stone crusher, 100 tons daily capacity. D. J. Knauer, quarry supt.
Gran.—Knauer & Harrison. Granite.

ST. PETERSBURG, Clarion Co. Pop. 655. M.O. Tel. Ry. 683.
B.Coal—H. C. Ashbaugh.

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SALISBURY, Somerset Co. P.O. Elk Lick. Pop. 1,200. Ry. West Salisbury 49.
B.Coal—Chapman & Hocking, Hopkins Place & Lombard Sts., Baltimore, Md. Hocking mine. 50,000 tons; 180 days; 60 employes. John T. Hocking, mine supt.
Stone—J. A. Park.

SALTSBURG, Indiana Co. Pop. 1,088. M.O. Tel. Ry. 660.
Roll.M.—S. A. Gourley. Rolling mill.
B.Coal—Saltsburg Coal Co., Philadelphia. Fairbanks and Foster mines. Open pit. Steam.
B.Coal—R. B. Wigton & Son. Fairbank mine. 28,000 tons; 81 days; 90 employes. Foster mine. 18,000 tons; 148 days; 55 employes. J. J. McGonigle, mine supt.

SANDYLAKE, Mercer Co. Pop. 800. M.O. Tel. Ry. 451; 929.
B.Coal—Hess Heirs Hess mine. Shaft, 50 ft. 2,000 tons; 250 days; 4 employes.

SANDYRUN, Luzerne Co. Pop. 596. M.O. Tel. Ry. 133; 465. Banking town White Haven.
A.Coal—M. S. Kemmerer & Co. Walter Leisenring, gen. mgr.; J. Woodring, M. E., supt., buyer. Cap. $500,000. Sandy Run mine. 200,000 tons; 250 days; 450 employes. Steam.
C.M.E.—Jere Woodring, Civil and Mining Engineer.

SCANDIA, Warren Co. Ry. Warren, 268; 660; 929.
B.Coal—Charles Dinsmore. (Local.)
B.Coal—Silas Dinsmore. (Local.)

SCOTTDALE, Westmoreland Co. Pop. 1,829. M.O. Tel. Ry. 49; 660.
B.Coal—W. Badenheimer.
B.Coal—Connellsville & Ursina Coal & Coke Co. J. M. Reid, pres.; Jos. Albree, secy.; E. H. Reid, treas., gen. mgr. and buyer. Cap. stk. $400,000, pd. up. Mine at Ursina.
B.Coal—J. W. Overholt & Co. Emma mines. Tunnel. 28 employes. 36 coke ovens, 20,400 tons.
Roll.M.—Scottdale Iron & Steel Co. Rolling mill.

SCOTTHAVEN, Westmoreland Co. Pop. 825. M.O. Tel. Ry. 49; 681. Banking town Newton.
B.Coal—Wm. P. Dillworth & Co., Pittsburg. Youghiogheny mine. Drift.
B.Coal—Youghiogheny River Coal Co., Erie. Ocean Mine No. 1. Drift, 6,000 ft. 107,000 tons; 147 days; 198 employes. Electricity. Two hundred cars. Jas. F. Hosack, mine supt. Ocean No. 2 mine. Drift, 5,000 ft. 200,000 tons; 182 days; 358 employes. J. F. Hosack, mine supt.

SCRANTON, Lackawanna Co. Pop. 75,215. M.O. Tel. Ry. 133; 243; 244; 289; 600.
A.Coal—Austin Coal Co.
A.Coal—Babylon Coal Co.
A.Coal—Boyer Coal Co.
M.E.—George G. Brooks, Mining Engineer.
A.Coal—Brookside Coal Co.
A.Coal—Chamberlain Coal Co. I. A. Finch, pres.; E. P. Henwood, secy. and treas.; Alfred Smith, gen. mgr. and buyer. Mine at Pottsville.
A.Coal—Church Coal Co.
A.Coal—Clark Tunnel Coal Co. Clark mine. Tunnel. Breaker. Steam.
A.Coal—Connell Coal Co.
A.Coal—Delaware & Hudson Canal Co. Robt. M. Olyphant, pres.; Jas. Roosevelt, v. pres.; Horace G. Young, 2nd v. pres.; F. Murray Olyphant, secy.; Chas. A. Walker, treas.; A. H. Vandling, supt. Coal Dept. Cap. stk. $30,000,000. Dickson, Leggitt's Creek and Marvin shafts; Von Storch shaft & slope. 770,000 tons; 150 days; 2,250 employes. Breakers. Steam. A. Nicol, mine supt. Mines also at Olyphant, Archbald, Jermyn, Carbondale, Vandling, Plains, Parsons, Wilkes-Barre and Plymouth.
A.Coal—Delaware, Lackawanna & Western R. R. Co. Storrs, No. 1, 2 & 3. Bellevue slope and shaft; Brisbin; Cayuga; Central Shaft, Sloan Breaker and Diamond mines. Shafts and tunnels. 1,500,000 tons; 175 days; 3,000 employes. Breakers. Steam. B. Hughes, gen. mine supt.; Thos. W. Phillips, asst. mine supt.
A.Coal—Dolph Coal Co.
A.Coal—Edgerton Coal Co. Mines at Archbald, Carbondale and Jermyn.
A.Coal—Elk Hill Coal & Iron Co. Richmond No. 3 and 4 mines. Shafts. 112,000 tons; 200 days; 437 employes. Breaker. Steam. W. H. Richmond, supt.
A.Coal—Elliott, McClure & Co.
A.Coal—Elm Creek Mining Co. Mine at St. Clair.
A.Coal—Fairlawn Coal Co.
A.Coal—Forty Fort Coal Co.
A.Coal—Franklin Coal Co.
A.Coal—Fuller, Boyer, Gilmore & Vipond.
A.Coal—Greenwood Coal Co., 400 Lackawanna Ave. R. G. Brooks, pres.; T. H. Dale, secy. and treas.; G. G. Brooks, gen. mgr.; T. R. Brooks, buyer. Mine at Minooka.

SCRANTON—Continued.
A.Coal—Greenwood Coal Co., Ltd. Mines at Taylor.
C.M.E.—Wm. Griffith, Civil and Mining Engineer, 26 Coal Exchange. Coal and Mining Expert.
Slate—Hallet Slate Co.
A.Coal—Hillside Coal & Iron Co. Mines at Forest City, Mayfield and Avoca.
A.Coal—John Jermyn. Mines at Priceburg.
A.Coal—Jermyn & Co. Jermyn No. 1 and 2 mines. 347,000 tons; 130 days; 1,030 employes. Breaker. Steam. J. J. Jermyn, supt.
A.Coal—Johnson Coal Co.
A.Coal—Orlando S. Johnson. Mine at Olyphant.
A.Coal—Lackawanna Coal Co. Mine at Olyphant.
A.Coal—Lackawanna Iron & Coal Co.
R.M.Fur.—Lackawanna Iron & Steel Co. Rolling mill and blast furnace.
A.Coal—Langcliffe Coal Co., Ltd., 400 Lackawanna Ave. R. G. Brooks, pres.; Thos. R. Brooks, secy. and buyer; Thos. H. Dale, treas.; John Lovering, gen. mgr. Cap. stk. $100,000, pd. up. Mine at Avoca.
A.Coal—Morris Ridge Coal Co.
A.Coal—Mount Lookout Coal Co.
A.Coal—Mount Vernon Coal Co.
A.Coal—New York & Scranton Coal Co.
A.Coal—North West Coal Co. Mine at Carbondale.
A.Coal—Pancoast Coal Co. C. M. Sanderson, pres.; E. R. Bellman, secy. and treas.; Chas. D. Sanderson, supt. and buyer. Mine at Throop.
A.Coal—Providence Coal Co.
A.Coal—E. H. Ripple.
A.Coal—Riverside Coal Co. Cap. stk. $200,000. Mine at Archbald.
Stone—Scranton Stone Co.
A.Coal—W. T. Smith.
A.Coal—Sterrick Creek Coal Co. Sterrick Creek mine. Shaft. Breaker. Steam.
A.Coal—Strauch & Williams.
A.Coal—Tripp & Co.
A.Coal—West Ridge Coal Co.
A.Coal—Winton Coal Co. S. V. White mine.

SCRUBRIDGE, Clarion Co. Ry. Rimersburg 15.
B.Coal—S. Armaghost.
B.Coal—J. H. Switzer & Sons.
B.Coal—J. W. Wilson.

SEEMSVILLE, Northampton Co. Ry. Siegfrieds Bridge, 133. Banking town Bethlehem.
Slate—Ziegenfuse Slate Co. Ziegenfuse quarry. Steam.

SELLERSVILLE, Bucks Co. Pop. 794. M.O. Tel. Ry. 672.
Stone—Barbour & Ireland, 1218 Filbert St., Philadelphia. Schlicterville quarry. Paving blocks, 1,500,000; 300 days; 250 employes. Steam. Stone crusher. I. S. Barbour, Jr., quarry supt.

SELLS STATION, Adams Co. Pop. 29. Ry. 660. Banking town Hanover.
Stone—Samuel Basehoar.

SEWICKLEY, Allegheny Co. Pop. 2,776. M.O. Tel. Ry. 688.
Stone—J. Brush.
Stone—P. Creighton.
Stone—Wm. Dickson.
B.Coal—Morrison Foster.

SHADE GAP, Huntingdon Co. Pop. 209. M.O. Tel. Ry. 272. Banking town Mt. Union.
Iron—James Mills.

SHAFERS, Beaver Co. Ry. Monica, 681. Banking town Beaver.
B.Coal—J. Arkwright.
B.Coal—J. Doyle.

SHAFT, Schuylkill Co. M.O. Ry. William Penn, 672. Banking town Shenandoah.
A.Coal—E. Brooke & Co.
A.Coal—Pennsylvania Coal Co., New York. William Penn mine. Shaft. 287,000 tons; 250 days; 620 employes. Steam. Breaker. W. H. Lewis, mine supt.

SHAMOKIN, Northumberland Co. Pop. 14,403. M.O. Tel. Ry. 613; 672.
A.Coal—Cameron Colliery.
A.Coal—Corbin Coal Co.
A.Coal—Enterprise Coal Co.
A.Coal—Excelsior Coal Mining Co. Excelsior mine. 165,000 tons; 220 days; 400 employes. Corbin mine. 72,000 tons; 215 days; 194 employes. Steam. Andrew Robertson, mine supt.
A.Coal—Garfield Coal Co.
A.Coal—Lancaster Coal Co.
A.Coal—J. Langdon & Co., Elmira, N. Y. Neilson mine. Shaft. Breaker. Steam.
A.Coal—Troutman, May & Co.

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SHAMOKIN—Continued.
A.Coal—Mineral Rail Road & Mining Co. Cameron mine. 305,000 tons; 200 days; 1,385 employes. Luke Fidler mine. 125,000 tons; 160 days; 900 employes. Steam. Morris Williams, mine supt.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Buck Ridge, Big Mountain, Peerless, Henry Clay, Sterling, Burnside and Bear Valley mines. 730,000 tons; 160 days; 2,560 employes. Washers. Breakers. John Veith, supt.
A.Coal—Isaac J. Reese.
A.Coal—Shipman Koal Co., Dunn Bldg., Buffalo, N. Y. Colbert mine. Slope, 300 ft. 70,180 tons. Steam.
A.Coal—Union Coal Co., Scott Blk., Erie. Hickory Swamp mine. Shaft, 650 ft. 120,000 tons; 550 employes. Steam. Breaker.
Hickory Ridge mine. Shaft, 1,000 ft. 200,000 tons; 300 days; 600 employes. Steam. Breaker. Jno. L. Williams, mine supt.

SHAMROCK STATION, Berks Co. Pop. 143. Tel. Ry. 672. Banking town Hamburg.
Iron—Uriah Biery.

SHANER'S, Westmoreland Co. Pop. 300. P.O. Yohoghany. Tel. Ry. 49.
B.Coal—Shaner's Coal Co., 1326 Chestnut St., Philadelphia. Shaner's mine. Slope. 100,000 tons; 200 employes. Steam.

SHANNONVILLE, Montgomery Co. Pop. 222. Ry. Oaks, 669. Banking town Norristown.
Lead—Perkiomen Lead Mining Co.

SHARON, Mercer Co. Pop. 7,459. M.O. Tel. Ry. 288A; 451; 598.
Roll.M.—Aschman Steel Casting Co. E. A. Wheeler, pres.; W. K. Naylor, secy. and buyer; J. J. Spearman, treas.; John W. Davis, gen. mgr. Cap. stk. $50,000. Five ton open hearth furnace. 3,600 tons castings. 50 employes. Steam.
B.Coal—Carver Coal Co. E. Filer, gen. mgr. Mine at Stoneboro.
Stone—Central Ohio Stone Co., Garfield Bldg., Cleveland, Ohio. Sandstone. 250 days; 30 employes. Stone mill. Steam.
B.Coal—Filer, Sutliff & Co. H. J. Filer, treas. and buyer; E. Filer, gen. mgr. Mine at Grove City.
G.S.—Humboldt Mining Co. Gold and silver.
B.Coal—Keel Ridge Coal Co.
Roll.M.—P. L. Kimberly & Co. Rolling mill.
B.Coal—Scott Coal Co.
R.M.Fur.—Sharon Iron Co. Rolling mill and blast furnace.
C.I.—Sharon Iron & Coal Co.
Roll.M.—Sharon Steel Castings Co. Rolling mill.
R.M.Fur.—Stewart Iron Co. Rolling mill and blast furnace.
B.Coal—Westerman, Filer & Co. E. Filer, gen. mgr. Mine at Grove City.
B.Fur.—Wheeler Furnace Co Blast furnace.
Roll.M.—Wilkes Rolling Mill Co.

SHARONHILL, Delaware Co. Pop. 429. M.O. Tel. Ry. 675. Banking town Philadelphia.
Stone—G. A. Hazlett.

SHARPSBURG, Allegheny Co. Pop. 4,998. M.O. Tel. Ry. 660; 683.
St.Lm.—J. L. Forsaith & Co. Limestone and lime.
Slate—W. H. Meyer.

SHARPSVILLE, Mercer Co. Pop. 2,330. M.O. Tel. Ry. 288A; 598; 815.
Chem.—Walter A. Barrows, Jr., Analytical and Consulting Chemist.
Iron—Cheshire Iron Co.
B.Fur.—Claire Furnace Co., Ltd. Blast furnace.
B.Fur.—Douglass Furnace.
B.Fur.—Perkins & Co. Blast furnace.
Iron—J. J. Pierce.
B.Fur.—Sharpsville Furnace Co.
B.Fur.—Spearman Iron Co. J. M. Forker, pres.; John Phillips, 1st v. pres.; Walter Pierce, 2nd v. pres.; M. H. Henderson, secy.; J. J. Spearman, treas., gen. mgr. and buyer. Cap. stk. $300,000, pd. up. One stack, 17x76. Coke. 60,000 tons pig.

SHENANDOAH, Schuylkill Co. Pop. 17,000. M.O. Tel. Ry. 465; 660; 672.
A.Coal—Cambridge Coal Co. (partnership). G. D. Jones, pres.; D. R. James, secy.; J. C. McGinnis, treas., supt. and buyer. Cap. $9,000. Cambridge colliery. Drift and tunnel, 585 ft. 30,000 tons; 240 days; 95 employes. Steam. Breaker.
A.Coal—James Goodhead.
Gran.—Keystone Slate & Granite Co. Horse.

SHENANDOAH—Continued.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Indian Ridge, Kohinoor, Shenandoah City, Turkeyrun and West Shenandoah mines. 760,000 tons; 173 days; 2,400 employes. Steam. Washer and breakers. John Veith, supt.
B.Coal—Zerbe & Co.

SHERIDAN, Lebanon Co. Pop. 368. M.O. Tel. Ry. 672. Banking town Meyerstown.
R.M.Fur.—Wm. Kaufman. Rolling mill and blast furnace.
B.Fur.—Sheridan Furnace Co. Blast furnace.
Iron—Sheridan Iron Co.

SHERMAN, Wayne Co. Pop. 200. M.O. Ry. Hales Eddy, N. Y., 598. Banking town Deposit, N. Y.
Stone—Jones & Kingsbury.
Stone—B. T. Kingsbury. Flagstone.
Stone—Meyers Bros.

SHICKSHINNY, Luzerne Co. Pop. 1,448. M.O. Tel. Ry. 244; 660. Banking town Wilkes-Barre.
Stone—Bound & Boone.
A.Coal—Salem Coal Co.
A.Coal—E. S. Stackhouse. Salem mine. Tunnels. Breaker. Steam.

SHILLINGTON, Berks Co. Pop. 600. Ry. 672. Banking town Hamburg.
Stone—J. Trout.

SHIPPENSBURG, Cumberland Co. Pop. 2,188. M.O. Tel. Ry. 235; 672; 928.
Iron—George H. Stewart.

SHIPPENSVILLE, Clarion Co. Pop. 336. M.O. Tel. Ry. 683. Banking town Knox.
B.Coal—J. O. Hepler.

SHIREOAKS, Washington Co. M.O. Ry. 660. Banking town Monongahela City.
B.Coal—J. M. Risher. Banner mine. 16,000 tons; 80 days; 65 employes. Steam. Cliff mine. 80,000 tons; 140 days; 170 employes. Steam. Coal Bluff mine. 55,000 tons; 155 days; 175 employes. Steam. James F. Dovey, mine supt.
B.Coal—John Stanley.

SHIRLAND, Allegheny Co. Pop. 53. Ry. Imperial, 554. Banking town Pittsburg.
B.Coal—Thos. Allender.

SILVARA, Bradford Co. Pop. 243. Ry. Skinners Eddy, 465. Banking town Wyalusing.
Stone—W. A. Bennett. Flagstone. Tunnel. Horse.
Stone—Bennett & Son.
Stone—Hoadley & Fish.
Stone—M. Montgomery.
Stone—M. S. Silvara.
Stone—A. J. Taylor.

SILVER CREEK, Schuylkill Co. Pop. 216. M.O. Ry. name Silver Creek Junction, 672.
A.Coal—Alliance Mining Co.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Silver Creek mine. Shaft.

SIXMILE RUN, Bedford Co. Pop. 332. M.O. Ry. Defiance, 379. Banking town Everett.
B.Coal—Cunard Coal Co. Cunard mine. 15,000 tons; 85 days; 65 employes. Steam. R. Chaney, mine supt.
B.Coal—Fluke Mining Co. Elmira mine. 5,000 tons; 110 days; 25 employes. D. S. Fluke, mine supt.
B.Coal—E. P. Jenkins & Co.
B.Coal—G. McIntyre. Finley mine. 4,000 tons; 25 employes. Oakdale mine.
B.Coal—Maher & Baumgardner.

SIXPOINTS, Butler Co. Pop. 63. Banking town and Ry. Emlenton, 15.
A.Coal—J. Corbit.
A.Coal—L. Terwilliger. (Local.)

SKINNERS EDDY, Wyoming Co. Pop. 262. M.O. Tel. Ry. 465.
Stone—Brink & Knapp. Blue stone. 500 cords; 6 employes. Stone mill, 2,000 ft. daily capacity.
Stone—E. Bunnell.
Stone—F. La France.
Stone—Marsh & Co.
Stone—H. Saam.
Stone—Tewksburg & Co.

SLATEDALE, Lehigh Co. Pop. 365. M.O. Ry. 465. Banking town Slatington.
Slate—H. W. Bloss.

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SLATEFORD, Northampton Co. Pop. 172. Ry. Portland, 54; 244; 464. Banking town Stroudsburg.
Slate—Washington Brown.
Slate—Williams Slate Co.
Slate—Delaware & Penryn Slate Co.
Slate—B. F. Harvey.
Slate—Snowden Slate Co. Snowden quarry. Mill. Steam.
Slate—W. H. Williams.

SLATINGTON, Lehigh Co. Pop. 2,716. M.O. Tel. Ry. 133; 464; 465; 672.
Slate—Paul E. Balliet.
Slate—Blue Diamond Slate & Ref. Co.
Slate—Blue Valley Slate Co. Blue Valley quarry. Roofing slate. Mill. Steam.
Slate—Canawen Slate Co.
Slate—Carbon Slate Co. (Ellis Owens, Robt. G. Pierce and Joseph Richards). Carbon quarry. 110 employes. Steam.
Slate—Samuel Caskie. Heimbach quarry. Shaft. Steam.
Slate—Columbia Slate Co.
M.E.—R. G. Davies, Mining Engineer. Specialty, Slate deposits and structure.
Slate—Ellis Slate Co.
Slate—Eureka Slate Mfg. Co., Ltd. Thos. Zellner, pres. and gen. mgr.; Morris Hoats, v. pres.; F. A. Kreitz, secy.; Robt. F. Muschlitz, treas. Cap. stk. $10,000, pd. up. Eureka quarry. 6,000 squares Roofing and 2,000,000 School slates; 240 days; 45 employes. Steam. Dennis Zellner, quarry supt.
Slate—Evans & Bros.
Slate—Henry Fulmer Easton. Fulmers quarry.
Slate—Gap Slate Co.
Slate—Levi Gustard.
Slate—Indian Creek Slate Co.
Slate—Robt. R. Jones & Co.
Slate—Kern & Fuller.
Slate—Henry Kuntz. Big Franklin and other quarries. Tunnel. Steam.
Slate—Lehigh Slate Co.
Slate—Luzerne Slate Co.
Slate—G. McDowell & Co.
Slate—Meadow Brook Slate Co.
Slate—Metropolitan Slate Co.
Stone—E. B. Neff & Son.
Slate—Old Lehigh Slate Co. Penlyn quarry. Steam.
Slate—Saegersville Slate Quarrying & Manufacturing Co. Saegersville quarry. Steam.
Roll.M.—Slatington Rolling Mill Co. W. L. Williams, pres.; S. De Long, secy. and treas.; W. P. Hopkins, gen. mgr.; Edw. Edwards, buyer. Cap. stk. $100,000, $70,000 pd. up. Seven puddling and two heating furnaces. Three trains rolls, one 10-in., one 16-in. and one 20-in. 7,500 tons bar iron. 120 employes. Steam.
Slate—Slatington Slate Co., Main & 2nd Sts. Henry Kuntz, pres., gen. mgr. and buyer; W. W. Bowman, secy.; Dr. F. O. Ritter, treas. Cap. stk. $25,000, pd. up. Franklin Tunnel, Old Washington, Washington Bangor and Mountain quarries. 168,000 sq. ft.; 260 days; 130 employes. Steam. Quarry also at Lynnport.
Slate—A. P. Steckel. Girard, Doctor Franklin and Big Franklin quarries. Steam.
Slate—John F. Unger.
Stone—Unger & Steckel.
Slate—Washington Slate Co. A. P. Berlin, M. E., pres., treas., gen. mgr. and buyer; C. L. Berkemeyer, secy. Cap. stk. $100,000; $90,000 pd. up. Washington quarry. Roofing slate, 10,000 squares; blackboard slate, 100,000 sq. ft.; 250 days; 75 employes. Steam.
Slate—David Williams. Steam.
Slate—O. T. Williams & Son. Williams' Large Veins quarry. Tunnel. Steam.
Slate—Zellner & Kreitz.

SLIGO, Clarion Co. Pop. 495. M.O. Tel. Ry. 15. Banking town Rimersburg.
Iron—Leonard Fahler. Tunnel. Open pit. Horse.
Iron—J. A. Hook.

SMEDLEY, Chester Co. Ry. St. Peters 946. Banking town Birdsboro.
Iron—E. & G. Brooke Iron Co., Birdsboro. French Creek mine. Hematite ore. Shaft. Steam.
Iron—Wm. Noble.
Stone—J. Prim.
Stone—Talbot & Co.

SMITHMILL, Clearfield Co. Pop. 146. Ry. Ramey 660; 201A. Banking town Lancaster.
B.Coal—S. D. Robeson.

SMITHS STATION, York Co. Ry. name Smiths 928. Banking town Hanover.
B.Coal—C. Stambaugh.

SMITHTON, Westmoreland Co. Pop. 800. M.O. Tel. Ry. 49; 681.
B.Coal—Waverly Coal & Coke Co. Pittsburg. Waverly mine. Shaft. Washer. 117 coke ovens. Steam.

SMOCK, Fayette Co. Ry. 660. Banking town Brownsville.
B.Coal—Hurst & Co. Hurst mine. 35,000 tons; 167 days; 51 employes. Steam. S. C. Hurst, mine supt.

SMOKERUN, Clearfield Co. Ry. 660. Banking town Philipsburg.
B.Coal—Cambria Coal Mining Co., Williamsport. Leland mine. Drift. 40,000 tons; 200 days; 75 employes. Queen mine. 10,000 tons; 160 days; 60 employes. D. D. Lewis, mine supt.

SNOWSHOE, Center Co. Pop. 744. M.O. Tel. Ry. 660. Banking town Bellefonte.
B.Coal—Kelly Bros.
B.Coal—Lehigh Valley Coal Co., Philadelphia. Lucas and Sugar Camp Nos. 1, 2 and 3 mines. Steam.
B.Coal—Snow Shoe Mining Co. W. F. Holt, pres.; M. D. Kelly, treas. Cap. stk. $30,000, pd. up. Cherry Run mine. Tunnel. 100 employes.
B.Coal—J. T. Sommerville.
B.Coal—Watson & Morgan.

SNYDERSBURG, Clarion Co. Pop. 118. Ry. 683.
B.Coal—P. Ginkel. (Local.)

SONMAN, Cambria Co. P.O. Myra. Ry. 660.
B.Coal—Sonman Coal Mining Co., Bullitt Bldg., Philadelphia. Shaft 60 ft. Steam and compressed air. Jos. Patterson, mine supt.

SOUTH AUBURN, Susquehanna Co. Pop. 124. Ry. Skinners Eddy 465.
Stone—S. Tewksburg.

SOUTH BETHLEHEM, Northampton Co. Pop. 10,400. M.O. Tel. Ry. 465; 672.
R.M.Fur.—Bethlehem Iron Co. Rolling mill and blast furnace.
Iron—Coplay Iron Co.
Zinc—Lehigh Zinc & Iron Co., 925 Chestnut St., Philadelphia. Lehigh Zinc Works. One stack 40x8 ft.; 90 heating furnaces; 500 employes. Works and mine. Brands, oxide of zinc, "Lehigh;" spelter, "Sterling" and "Pennsylvania."
A.Coal.—G. B. Linderman.
A.Coal—Linderman & Skeer, Anthracite Bldg. A. N. Cleaver, gen. mgr. and buyer. Mine at Stockton.

SOUTHFORK, Cambria Co. Pop. 1,295. M.O. Tel. Ry. 660. Banking town Johnstown.
B.Coal—Argyle Coal Co., Greensburg. Argyle mine. Tunnel 6,500 ft.; 128,000 tons; 300 days; 125 employes. Steam. J. P. Wilson, supt.
B.Coal—Aurora Coal Co. Aurora mine; 20,000 tons; 150 days; 42 employes. D. W. Luke, mine supt.
B.Coal—Conemaugh Coal Co. Conemaugh mine; 42,000 tons; 242 days; 65 employes. Steam. J. P. Wilson, mine supt.
B.Coal—Euclid Coal Co., Ltd., Altoona. Euclid mine. Open pit.
B.Coal—Huff & Coulter. Argyle mine; 60,000 tons; 224 days; 115 employes. Steam. J. P. Wilson, mine supt

SOUTHWEST, Westmoreland Co. M.O. Ry. Hecla 660. Banking town Greensburg.
B.Coal—Hecla Coke Co. Hecla No. 1 mine; 100,000 tons; 229 days; 179 employes. Steam.
Hecla No. 2 mine; 80,000 tons; 144 days; 198 employes. Steam. Thomas Laird, mine supt.

SPANGLER, Cambria Co. Pop. 500. Tel. Ry. 660. Banking town Carrolltown.
B.Coal—Benton Coal Co., 212 S. 3d St., Philadelphia. Benton No. 2 mine. Tunnel. 7,000 ft.; 150,000 tons; 262 days; 280 employes. Steam. Peter Stuart, mine supt.

SPEERS, Washington Co. M.O. Tel. Banking town and Ry. Belle Vernon 660.
B.Coal—Blyth Coal Co. Blyth mine; 115,000 tons; 145 days; 175 employes. Thos. C. Cowell, mine supt.

SPRAGUEVILLE, Monroe Co. P.O. Analomink. Tel. Ry. 244.
Stone—Detrick & Cramer. Detroit quarry. Blue stone. 125 days; 10 employes.

SPRANKLES MILLS, Jefferson Co. Pop. 93. Ry. Heathville 15. Banking town Brookville.
B.Coal—A. D. Fry.

SPRING MILL, Lehigh Co. P.O. Coplay. Ry. 465. Banking town Center Hall.
Stone—Wm. Little. Gray ironstone. Steam.

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SPRINGMOUNT, Montgomery Co. Pop. 279. Ry. 669. Banking town Schwenksville.
Stone—John Conrad.
Gran.—J. W. Klein. Spring Mount quarry. Granite. Shaft. Steam.

STANLEY, Clearfield Co. P.O. Jefferson Line. Ry. 98; 490. Banking town Clearfield.
B.Coal—Adrian Islen. (Local.)

STANTON, Jefferson Co. Pop. 140. Tel. Banking town and Ry. Brookville 15.
B.Coal—E. McGarey.
B.Coal—J. S. Shaffer.
B.Coal—L. Swab.

STANTONS MILLS, Somerset Co. Pop. 163. Ry. Hooversville 49.
Lime—E. Blough.
B.Coal—J. J. Horner & Son.

STARLIGHT, Wayne Co. Tel. Ry. 600. Banking town Hancock, N. Y.
Stone—Randal & Underwood.

STARRUCCA, Wayne Co. Pop. 431. M.O. Tel. Ry. 243; 598. Banking town Susquehanna.
Stone—O. M. Kingsbury & Co. Flagstone.

STATE COLLEGE, Center Co. Pop. 336. M.O. Tel. Ry. 65. Banking town Bellefonte.
M.E.—Magnus C. Ihlseng, Mining Engineer. Specialty, mill construction.
Met.—H. H. Stoek, Professor of Metallurgy and Mining Engineering.
Iron—Struble & Johnston.

STEELTON, Dauphin Co. Pop. 9,250. M.O. Tel. Ry. 660; 672.
Cemt.—Couffer & Sultzaberger. Cement.
Stone—G. W. Cumbler.
R.M.Fur.—Penn. Steel Co. Rolling mill and blast furnace.

STEINSVILLE, Lehigh Co. Pop. 596. Ry. 672. Banking town Slatington.
Lime—G. W. Greisemer & Bro.
Slate—Schaeffer & Co.
Slate—Rehr & Fricker. Roofing and flagging slate. Steam.

STEMTON, Northampton Co. Pop. 743. P.O. and Ry. Northampton 133.
Stone—Samuel Bell.

STOCKTON, Luzerne Co. Pop. 58. M.O. Tel. Ry. 465. Banking town Hazleton.
A.Coal—Cross Creek Coal Co., Drifton. Stockton Nos. 3 and 7 mines; 190,000 tons; 200 days; 450 employes. Breaker. Steam. E. Kudlich, supt.
A.Coal—Linderman & Skeer, Anthracite Bldg., South Bethlehem. East Sugar Loaf mine. Slope 1,000 ft.; 360,000 tons; 166 days; 1,200 employes. Steam. Two breakers. James E. Roderick, mine supt.

STONEBORO, Mercer Co. Pop. 1,394. M.O. Tel. Ry. 451; 929. Banking town Mercer.
B.Coal—Carver Coal Co., Sharon. Carver mine. Shaft 110 ft.; 300 tons per day. Steam.
B.Coal—Mercer Coal & Iron Co. Stoneboro No. 2 mine; 31,000 tons; 124 days; 140 employes.
Stoneboro No. 3 mine; 17,000 tons; 96 days; 90 employes. Steam. Robert P. Cann, mine supt.

STOUGHSTOWN, Cumberland Co. Pop. 96. Ry. Walnut Bottom 672. Banking town Newville.
Iron—E. Goodhart & Co.

STRODES MILLS, Mifflin Co. Pop. 68. Banking town and Ry. Lewistown 660.
Iron—Hawke & Bro.

STRONG, Northumberland Co. M.O. Ry. Alaska 672. Banking town Sunbury.
A.Coal—Black Diamond Coal Co.

STURGEON, Allegheny Co. M.O. Tel. Ry. 660.
B.Coal—M. F. Mankedick.

SUMMERHILL, Cambria Co. Pop. 416. M.O. Tel. Ry. 660. Banking town Johnstown.
Stone—John Brown.

SUMMIT, Cambria Co. Pop. 167. Tel. Ry. Cressons 660.
B.Coal—H. E. Hostetler.

SUMMIT MILLS, Somerset Co. Pop. 153. Banking town and Ry. Meyersdale 49.
Stone—Geo. Boyer.
B.Coal—Alexander Fadeley.

SUMNEYTOWN, Montgomery Co. Pop. 206. M.O. Ry. Green Lane 669. Banking town East Greenville.
Stone—Geo. Miller.

SUNBURY, Northumberland Co. Pop. 5,930. Ry. 613; 616; 672.
B.Coal—Bethel Coal & Coke Co.
Stone—J. S. Clark.
Roll.M.—Sunbury Iron Works. Maj. James May, pres.; Newton R. Turner, secy. and buyer; Jas. B. McCamant, treas. Cap. stk. $50,000, pd. up. Five double puddling and two heating furnaces. Muck bar and tack plate rolls; 41 nail cutting machines.

SUNNYSIDE, Allegheny Co.. Pop. 312. Ry. 681. Banking town Monongahela City.
B.Coal—T. M. Jenkins & Co., 335 Water St., Pittsburg. Sunnyside mine. Tunnel 1 mile. 100,000 tons; 250 days. Steam. One mile of Ry.; 150 cars. Robt. Jenkins, mine supt.

SUTERSVILLE, Westmoreland Co. Pop. 812. M.O. Ry. 49.
B.Coal—Bigley & Murphy.
B.Coal—James W. Ellsworth. Forrest Hill mine. 205,000 tons; 255 days; 200 employes. Steam. John Simpson, mine supt.

SWARTHMORE, Delaware Co. Pop. 218. M.O. Tel. Ry. 675. Banking town Media.
Stone—W. V. Hill.
Stone—Michael Honan.
Stone—G. Lewis.
Stone—C. G. Ogden & Co.

SWARTZVILLE, Lancaster Co. Pop. 73. Ry. Adamstown 672.
Stone—D. Binkley.

SWATARA, Schuylkill Co. Pop. 216. Ry. Tremont 672. Banking town Minersville.
Marb.—Keystone Marble Quarry.

SWATARA STATION, Dauphin Co. Pop. 244. M.O. Tel. Ry. 672. Banking town Hummelstown.
Stone—Wm. Beaver.
Stone—Cyrus Gungrich.
Stone—S. M. Gungrich.
Stone—Wm. Rerryson.
St.Lm.—Swatara Stone & Lime Co. Cap. $9,000. Limestone. Lime kilns. 25,000 bush. lime.
Stone—Weaver & Co.

TAMAQUA, Schuylkill Co. Pop. 6,054. M.O. Tel. Ry. 133; 672.
A.Coal—Beard & Faber.
A.Coal—Dunglebarger & Co.
A.Coal—Mitchell & Shopp.
Coal-I.—Philadelphia Coal & Iron Co.

TARRS, Westmoreland Co. Pop. 258. M.O. Tel. Ry. 660. Banking town Mt. Pleasant.
Coke—Central Connellsville Coke Co.
B.Coal—Southwest Coal & Coke Co.
B.Coal—Southwest Connellsville Coke Co. No. 3 mine: 105,000 tons; 215 days; 182 employes. Steam. James A. Cowan, mine supt.

TATESVILLE, Bedford Co. Pop. 111. Tel. Ry. 379.
C.I.—Kemble Coal & Iron Co.

TAYLOR, Lackawanna Co. M.O. Tel. Ry. 133; 244.
A.Coal—Delaware, Lackawanna & Western R. R. Co., Scranton. Holden Shaft mine. 50,000 tons; 146 days; 150 employes. Breaker. Steam. H. E. Harris, mine supt.
Taylor Shaft and Drift mines; 168,000 tons; 160 days; 453 employes. Breaker. Steam. Sydney Baker, mine supt.
A.Coal—Greenwood Coal Co., Ltd., Scranton. Greenwood mine No. 1. Shaft 310 ft.; 160,000 tons; 193 days; 400 employes. Steam.
Greenwood mine No. 2. Shaft 310 ft.; 72,000 tons; 155 days; 150 employes. Steam. Breaker. John Lovering, mine supt.

TAYLOR, Allegheny Co. Pop. 500. P.O. Scott Haven. Ry. 681. Banking town Scranton.
B.Coal—Youghiogheny River Coal Co., Erie. Ocean No. 5 mine. Drift 2,000 ft.; 109,000 tons; 169 days; 252 employes. J. S. Hosack, mine supt.

TENMILE BOTTOM, Venango Co. Pop. 263. Banking town and Ry. Oil City 15; 451; 598; 929.
B.Coal—James Kennedy. (Local.)
B.Coal—Jos. William. (Local.)
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TERRYTOWN, Bradford Co. Pop. 310. Ry. Sugar Run 465.
Stone—Daniel Coleman.

THORNDALE, Chester Co. P.O. Thorndale Iron Works. Ry. 660. Banking town Downingtown.
Roll.M.—Thorndale Iron Works Co. Rolling mill.

THROOP, Lackawanna Co. Pop. 137. M.O. Tel. Ry. 600.
A.Coal—Pancoast Coal Co., Scranton. Pancoast mine. Shaft 420 ft. 203,837 tons. 187 days. 675 employes. Steam. Breaker. Jos. V. Birtley, mine supt.

THURLOW, Delaware Co. Pop. 910. M.O. Tel. Ry. 675.
Roll.M.—Standard Steel Casting Co. Rolling mill.

TIPPECANOE, Fayette Co. Ry. 660. Banking town Brownsville.
B.Coal—Redstone Oil, Coal & Coke Co.

TITUSVILLE, Crawford Co. Pop. 8,073. M.O. Tel. Ry. 268; 929.
Gold—Barstow Mining & Milling Co
B.Coal—F. P. Brown & Co.
Roll.M.—Chas. Burgess. Cyclops Steel Works. Four heating and three puddling furnaces. One 18-inch train rolls. 280 tons tool steel, etc.; 300 days; 30 empicyes. Steam.

TOBY, Clarion Co. Ry. Sligo 15. Banking town Rimersburg.
B.Coal—E. W. Adleman.
B.Coal—G. W. Coursor. (Local.)
B.Coal—John Woods. (Local.)

TOMHICKEN, Luzerne Co. P.O. Sugarloaf. Tel. Ry. 248; 465; 660.
A.Coal—Cross Creek Coal Co., Drifton. Tomhicken mine; 12,000 tons per month. John Rohland, supt.

TOMSTOWN, Franklin Co. Ry. Quincy 235. Banking town Waynesboro.
Iron—George G. Ross. Laurel Valley mine. Open pit. 40 ft. Hematite. 2,500 tons. 200 days. 15 employes. Steam.

TOPTON, Berks Co. Pop. 500. M.O. Tel. Ry. 672. Banking town Reading.
I.B.F.—Samuel P. Ronig. Topton Furnace Co. Iron blast furnace.
M.Pt.—Henry M. Erwin, Bethlehem Hoch, Daniel and Schuabel mines. Mineral paint. Shaft. Steam.

TONAWANDA, Bradford Co. Pop. 4,200. M.O. Tel. Ry. 55; 465.
B.Coal—Long Valley Coal Co. Henry C. Davis, pres.; E. D. Ackley, secy.; E. O. Macfarlane, treas., supt. and buyer. Cap. stk. $125,000, pd. up. Mine at Long Valley.
B.Coal—Mercur Coal Co.
B.Coal—State Line & Sullivan R. R. Co. Bernice mines. 90,000 tons; 230 days; 335 employes. Steam. I. O. Blight, mine supt.

TOWER CITY, Schuylkill Co. Pop. 2,056. M.O. Tel. Ry. 944. Banking town Lykens.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. West Brookside mine; 289,000 tons; 230 days; 811 employes. Steam. Breaker. R. C. Luther, supt.

TRAPPE, Montgomery Co. Pop. 473. Tel. Ry. Collegeville 669.
C.E.—J. P. Rhoades & Co., Civil and Consulting Engineers and Land Surveyors.

TREICHLERS, Northampton Co. Pop. 109. M.O. Tel. Ry. 133. Banking town Slatington.
Slate—Boyer, Beck & Co. Roofing slate. Steam.
Slate—River Bend Slate Co.

TREMONT, Schuylkill Co. Pop. 2,065. M.O. Tel. Ry. 666; 672.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. East Franklin and Middle Creek mines; 16,000 tons; 42 days; 88 employes. Steam. Breaker. R. C. Luther, supt.

TREVORTON, Northumberland Co. M.O. Tel. Ry. 672. Banking town Shamokin.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. North Franklin mine; 90,000 tons; 150 days; 240 employes.

TREXLERTOWN, Lehigh Co. Pop. 613. M.O. Tel. Ry. 126a. Banking town Allentown.
Iron—N. G. Heninger.
Stone—H. J. Schmoyer.

TRIPOLI, Lehigh Co. P.O. New Tripoli. Tel. Ry. 672.
Stone—Geo. Newman.

TRUITTSBURG, Clarion Co. Pop. 169. Banking town and Ry. New Bethlehem 15.
B.Coal—Louis Leonard. (Local.)

TURKEY CITY, Clarion Co. Pop. 699. M.O. Ry. 683. Banking town St. Petersburg.
B.Coal—A. Edinger. (Local.)
B.Coal—Bengerman Way. (Local.)

TURTLECREEK, Allegheny Co. Pop. 1,114. M.O. Tel. Ry. 660.
B.Coal—Spring Hill Gas Coal Co. Spring Hill Nos. 1 and 2 mines; 45,000 tons; 205 days; 130 employes. Steam. E. W. Boyd, mine supt.
B.Coal—New York & Cleveland Gas Coal Co. Oak Hill No. 4 mines; 135,000 tons; 115 days; 335 employes. Plum Creek mine; 180,000 tons; 210 days; 260 employes. Steam. T. B. De Armit, mine supt.

TUSCARORA, Schuylkill Co. Pop. 252. Tel. Ry. 672. Banking town Tamaqua.
A.Coal—Beddall & Burchill.
A.Coal—Gorman & Campion (E. & J. H. Gorman and P. J. Campion). Bell colliery. Tunnel. Breaker. Steam.
A.Coal—John R. Nelson. Drift. 7 employes. Breaker; 30,000 tons.
A.Coal—A. Slattery.

TYLER, Clearfield Co. Pop. 152. M.O. Tel. Ry. 15. Banking town Dubois.
B.Coal—Clearfield Coal Co., Williamsport. Tyler mine. Drift; 60,000 tons; 280 days; 250 employes. Washer. One hundred coke ovens; 20,000 tons. J. Jacobs, mine supt.

TYRONE, Blair Co. Pop. 4,705. M.O. Tel. Ry. 660.
A.Coal—Blair Bros.
Roll.M.—Eleanor Iron Co. R. C. Neal, pres.; H. L. Sholly, secy., treas., gen. mgr. and buyer. Cap. stk. $10,000, pd. up. Mill at Hollidaysburg.
A.Coal—Elizabeth Coal Co.
B.Coal—Mitchell Coal & Coke Co. Mine at Gallitzin.
B.Coal—J. L. Mitchell & Co.
Stone—A. G. Morris, Jr.
B.Coal—H. K. Myers. Tipton mine. Slope. Steam.
Roll.M.—Tyrone Iron Co., Harrisburg. Three regenerative and eight knobbling fires. One 16-inch train rolls; 275 days; 135 employes. Steam. A. L. Sholly, mill supt.

UNION FURNACE, Huntingdon Co. P.O. Morrell. Ry. 660.
Stone—H. J. McAteer, Main St., Alexandria. Union Furnace quarry. Limestone; 100,000 tons; 300 days; 40 employes. Steam. W. W. H. McElroy, supt.

UNIONTOWN, Fayette Co. Pop. 6,359. M.O. Tel. Ry. 49; 660.
B.Coal—Atlas Coke Co. Crossland mine; 55,000 tons; 200 days; 86 employes. Steam. James Henderson, mine supt.
B.Coal—J. D. Boyd Coal Co. Smock No. 1 mine; 47,000 tons; 203 days; 63 employes.
Smock No. 2 mine; 5,000 tons; 120 days; 12 employes. J. D. Boyd, mine supt.
I.St.—Columbia Iron & Steel Co.
B.Coal—H. C. Frick Coke Co. Leith mine; 165,000 tons; 235 days; 318 employes. Steam. Harry Whyel, mine supt.
B.Coal—Oliver Coke & Furnace Co. Oliver No. 1 mine; 198,000 tons; 288 days; 353 employes.
Oliver No. 2 mine; 6,000 tons; 25 days; 87 employes. Steam. Fred C. Keighley, mine supt.
B.Coal—Edward Snider.
B.Coal—John Snider. Open pit; 8,000 tons; 150 days; 9 employes.
B.Coal—Stewart Iron Co., Ltd. Stewart mine; 57,000 tons; 171 days; 110 employes. Steam. F. C. Van Dusen, mine supt.
B.Coal—Youngstown Coal Co.

UNIONVILLE, Chester Co. Pop. 516. M.O. Ry. Glenhall 946. Banking town Avondale.
Coru.—Abrasive Material Co. Corundum.

UNITED, Westmoreland Co. Pop. 226. M.O. Ry. 660. Banking town Greensburg.
B.Coal—United Coal & Coke Co. Mutual Nos. 2 and 3 mines. United No. 1 mine. Shaft. 85,000 tons; 105 days; 268 employes. Steam.
United No. 3 mine; 58,000 tons; 154 days; 95 employes. Steam. John M. White, mine supt. Also mine at Fern.

UPPER BLACK EDDY, Bucks Co. Pop. 900. Ry. Milford, N. J., 660.
Stone—A. F. Harwick.
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UPPER LEHIGH, Luzerne Co. Pop. 586. M.O. Tel. Ry. 133. Banking town Mauch Chunk.
A.Coal—Upper Lehigh Coal Co. John Leisenring, pres.; Dr. J. S. Wentz, v. pres.; Harry B. Price, secy. and treas.

UREY, Indiana Co. Ry. Glen Campbell 660.
B.Coal—Urey Ridge Coal Co. Jas. Passmore, buyer. Urey No. 1 mine. Tunnel 4,500 ft.; 100,000 tons; 208 days; 100 employes. Horse. Thos. Bellis, mine supt.
Urey No. 2 mine. Drift 3,000 ft.; 25,000 tons; 30 employes. Horse.
Urey No. 3 mine. Drift 2,500 ft.; 40,000 tons; 200 days; 50 employes. Horse.

URIAH, Cumberland Co. Ry. name Zions Church 672. Banking town Carlisle.
Gold—Joseph Hovis.

URSINA, Somerset Co. Pop. 405. M.O. Tel. Ry. 49. Banking town Meyersdale.
B.Coal—Connellsville & Ursina Coal & Coke Co., Scottdale. Edna mine. Open pit. 3,340 tons. Thirty coke ovens.

UTAH, Indiana Co. Ry. Grant 660.
B.Coal—F. Mock. (Local.)

UWCHLAND, Chester Co. Pop. 196. M.O. Ry. name Byers 672. Banking town Phoenixville.
Grap.—American Plumbago Mining Co. Graphite.

VALIER, Jefferson Co. Ry. name Fordham 662. Banking town Punxsutawney.
B.Coal—James Croasman. (Local.)
B.Coal—James Gaul. (Local.)

VANCE MILLS, Fayette Co. Ry. name Vance Mill Junction 660.
B.Coal—E. A. Humphries & Co. Chester mine; 22,000 tons; 190 days; 40 employes. Steam. R. J. Humphries, mine supt.

VANDERBILT, Fayette Co. Pop. 263. M.O. Tel. Ry. 964. Banking town Dawson.
B.Coal—James Cochran, Sons & Co. Clarissa mine; 61,000 tons; 260 days; 68 employes. P. S. Cochran, mine supt.
B.Coal—W. J. Rainey. Paul mine; 265,000 tons; 295 days; 272 employes. Steam. T. J. Mitchell, mine supt.
B.Coal—Joseph Laughrey.

VANDLING, Lackawanna Co. Ry. 291. Banking town Carbondale.
A.Coal—Delaware & Hudson Canal Co., Scranton. Clinton mine; 120,000 tons; 175 days; 270 employes. Breaker. Steam. Chris Scharer, mine supt.

VAN ORMER, Cambria Co. Ry. 660. Banking town Hastings.
B.Coal—Warferton & Tate.
B.Coal—James Woffenden. Van Ormer mine. Open pit.

VELARDE, Bradford Co. Ry. Rummerfield 465.
Stone—C. A. Allen. Limestone.

VENETIA, Washington Co. Pop. 301. M.O. Tel. Ry. name Anderson 49. Banking town Washington.
B.Coal—D. M. Anderson. Anderson mine; 35,000 tons; 100 days; 170 employes. Steam. Thos. E. Reed, mine supt.
B.Coal—Osborne, Seager & Co. Eclipse and Railroad mines; 60,000 tons; 135 days; 130 employes. Steam. B. F. McCanaghey, mine supt.

VIDEO, Greene Co. Pop. 1,500. Ry. Cameron, W. Va., 49.
B.Coal—W. Homes. (Local.)
B.Coal—I. Hough. (Local.)
B.Coal—J. A. Morrow. (Local.)
B.Coal—W. Reece. (Local.)

VINCO, Cambria Co. Pop. 51. Banking town and Ry. Johnstown 49; 660.
B.Coal—Daniel Donlet. (Local.)

VINTONDALE, Cambria Co. Pop. 1,200. Ry. 660.
B.Coal—Vinton Colliery Co. W. Delano, Jr., pres.; A. T. Burr, secy. and treas.; C. R. Claghorn, M. E., gen. mgr. and buyer. No. 1 mine. Drift; 120,000 tons. Electricity.

VULCAN, Schuylkill Co. P.O. New Boston. Ry. 465.
A.Coal—Mill Creek Coal Co., Mauch Chunk. Vulcan mine. Slope; 129,379 tons. 164 days; 300 employes. Breaker.

WALKERS MILLS, Allegheny Co. Pop. 300. M.O. Tel. Ry. 686. Banking town Mansfield Valley.
B.Coal—Boyd Coal Co. J. H. Sanford, gen. mgr. Cap. stk. $50,000. Boyd mine. Tunnel. 60,000 tons.
Stone—Walkers Mills Quarry Co. Walkers Mills quarry. Sandstone. Steam.

WALL, Allegheny Co. M.O. Ry. 660
Stone—Good, Guffy & Boyd.

WALNUTPORT, Northampton Co. Pop. 362. M.O. Tel. Ry. 133; 464.
Slate—R. Raymond Jones. Roofing slate. Horse.
Slate—J. H. Rudolph.
Slate—G. G. Williams & Co.
Slate—Zeller, Kehm & Kahn.

WALSALL, Cambria Co. Banking town and Ry. Johnstown 49; 660.
A.Coal—Ingleside Coal Co., Johnstown. Ingleside mine. Drift.

WALSTON, Jefferson Co. M.O. Ry. 98. Banking town Punxsutawney.
B.Coal—Kurtz & Rinn.

WAMPUM, Lawrence Co. Pop. 766. M.O. Tel. Ry. 288a; 691; 681.
Stone—Beaver Limestone Co.
B.Coal—John Cleary. (Local.)
Stone—Jos. Codo.
Stone—Consolidated Stone & Mining Co., Pittsburg. Rock Point and Spangler quarries. Sandstone. Steam.
B.Coal—Mehard, Dinsmore & Co. Mehard mine. Robert Mehard, mine supt.
B.Coal—Rock Point Coal Co. Rock Point mine; 42,000 tons; 251 days; 97 employes. Wm. Brown, mine supt.
B.Coal—Wampum Run Coal Co. Excelsior mine; 37,000 tons; 154 days; 94 employes. Robert Mehard, mine supt.

WANAMAKERS, Lehigh Co. Tel. Ry. 672. Banking town Slatington.
Slate—Reading Slate Co. Reading quarry. Roofing slate. Steam.

WARWICK, Chester Co. Pop. 226. Ry. 946. Banking town Birdsboro.
Gran.—Fox Hill Granite Co. Granite.

WASHINGTON, Washington Co. Pop. 7,063. M.O. Tel. Ry. 49; 686; 924.
B.Coal—Jonathan Allison. (Local.)

WATERFALL, Fulton Co. Pop. 273. Ry. Three Springs 272.
B.Coal—Newton Alloway. (Local.)
B.Coal—Wm. Alloway. (Local.)
B.Coal—Daniel Black. (Local.)

WATERSIDE, Bedford Co. Pop. 163. Ry. Curryville 660. Banking town Martinsburg.
St.Lm.—Earnest & Imler. Limestone and lime.
St.Lm.—Israel Imler. Limestone quarry. Lime kilns, 10,000 bushels lime.

WATSONTOWN, Northumberland Co. Pop. 2,158. M.O. Tel. Ry. 130; 613; 660.
Stone—James Armstrong.
Stone—Henry Hoyt.
Roll.M.—D. C. Kaseman. Watsontown Nail Works. One heating and 3 puddling furnaces. Two train rolls. Nails; 75,000 kegs; 300 days; 50 employes. Steam.

WAYNE, Delaware Co. Pop. 997. M.O. Tel. Ry. 660.
Stone—R. H. Johnson.

WAYNESBURG, Greene Co. Pop. 2,101. M.O. Tel. Ry. 924.
B.Coal—A. A. Allison.
B.Coal—J. D. Flowers. (Local.)
B.Coal—Robt. Hoskinson. (Local.)
B.Coal—J. D. Johnson. Slippery Rock mine. Open pit.
B.Coal—John Kennedy. (Local.)
Stone—J. Pester. (Local.)
Stone—J. E. B. Phillips & Sons. Rees quarry. Building stone. Mill.
Stone—J. Rusk.
B.Coal—Thos. W. Sayers. (Local.)
B.Coal—John Zook. (Local.)

WEAVERS OLD STAND, Westmoreland Co. Pop. 156. P.O. Armbrust. Ry. 660.
Stone—J. L. Weavers.
Stone—J. Weinan & Co.

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WEAVERSVILLE, Northampton Co. Pop. 104. Ry. Rittersville 133.
Slate—Chester County Slate Co.
Stone—G. Ziegenfuss.

WEBSTER, Westmoreland Co. Pop. 710. M.O. Tel. Ry. 681.
Stone—Booth & Fish.
B.Coal—John Crombie. (Local.)
B.Coal—Equitable Coal Co., Ltd.
B.Coal—Thos. Faucet & Son.
B.Coal—Fulton Coal Co. Stockdale mine; 1,400 tons; 40 days; 20 employes. James Laird, mine supt.
Stone—A. Kelley.
B.Coal—G. Moltzberger.
B.Coal—Shepplar Gas Coal Co. Shepplar mine; 55,000 tons; 144 days; 135 employes. James Laird, mine supt.

WELDON, Montgomery Co. Pop. 246. M.O. Ry. Glenside 672. Banking town Jenkintown.
Stone—Geo. Hammell.

WELLS TANNERY, Fulton Co. Pop. 91. Ry. Oakwell 379. Banking town McConnellsburg.
B.Coal—David Horton. (Local.)

WERNERSVILLE, Berks Co. Pop. 1,100. M.O. Tel. Ry. 672.
Stone—J. A. Ruth. Limestone. Lime kilns.

WESCO, Washington Co. Ry. name West Columbia 660. Banking town Monongahela City.
B.Coal—Chas. Behanna. (Local.)
B.Coal—John Behanna. (Local.)
B.Coal—Lyman Clark. (Local.)
B.Coal—Samuel Grant. (Local.)
B.Coal—W. H. Sickles. (Local.)

WESCOSVILLE, Lehigh Co. Pop. 366. Banking town and Ry. Allentown 133; 465; 669; 672.
Iron—J. H. Kalb.

WEST BANGOR, York Co. Pop. 201. M.O. Banking town and Ry. Delta 457; 963.
Slate—Edward W. Evans & Co., Ltd. Roofing slate. Steam.
Slate—R. L. Jones & Co., Delta. Old Big quarry. 4,500 squares. J. H. Jones, quarry supt.
Slate—J. E. Williams & Co.
Slate—W. E. Williams.

WEST BROWNSVILLE, Washington Co. Tel. Ry. 660.
B.Coal—Beaumont Coal Co. Beaumont mine; 40,000 tons; 200 days; 210 employes. Steam. A. G. Leonard, mine supt.
B.Coal—Hanna Bros. Lynn mine; 16,000 tons; 160 days; 27 employes. James Harding, mine supt.
B.Coal—Knob Coal Co., Brownsville. Knob mine. Slope. Steam.
B.Coal—A. G. Leonard & Co.
A.Coal—Samuel Pearsall. (Local.)

WEST CHESTER, Chester Co. Pop. 8,028. M.O. Tel. Ry. 660; 675.
Stone—M. & T. Farrell.

WEST CONSHOHOCKEN, Montgomery Co. Pop. 1,666. M.O. Tel. Ry. 660.
Stone—Philadelphia & Conshohocken Stone Quarry Co., 506 Betz Bldg., Philadelphia. Limestone.

WEST DECATUR, Clearfield Co. Ry. name Blue Ball 660. Banking town Philipsburg.
B.Coal—Jos. Gass. (Local.)

WEST ELIZABETH, Allegheny Co. M.O. Tel. Ry. 660. Banking town Monongahela.
B.Coal—Geo. Jones & Co.
B.Coal—Joseph Walton. Walton Upper mine; 180,000 tons; 154 days; 387 employes. Walton Lower mine; 1 employe. Steam. John W. Rike, mine supt.

WEST FREEDOM, Clarion Co. Pop. 236. M.O. Banking town and Ry. Parkers Landing 15; 683.
B.Coal—J. Barger. 1 employe. (Local.)
B.Coal—Horace Jordan.

WEST LEISENRING, Fayette Co. Pop. 700. M.O. Tel. Ry. 660. Banking town Uniontown.
B.Coal—H. C. Frick Coke Co. Leisenring No. 2 mine; 120,000 tons; 175 days; 325 employes. Steam. E. A. Humphries, mine supt.

W. LEROY, Bradford Co. Banking town and Ry. Canton 613.
Stone—Thos. Sutton. Bluestone. Electricity. Mill.

WEST MILLVILLE, Clarion Co. P.O. Hawthorn.
B.Coal—Fairmount Coal Co.

WEST MONTEREY, Clarion Co. Pop. 231. M.O. Tel. Ry. name Monterey 15.
B.Coal—T. Y. Skidmore and C. W. H. Eicke. Mineral Ridge mine; 42,000 tons; 271 days; 100 employes. C. W. H. Eicke, mine supt.

WEST NEWTON, Westmoreland Co. Pop. 2,500. M.O. Tel. Ry. 49; 681.
B.Coal—Columbia Gas Coal Co., Latimer Bldg. R. H. Latimore, gen. mgr. Yough. mine. Slope; 50,000 tons; 150 employes. Steam. Alex. Moreland, mine supt.
B.Coal—C. D. Latimore & Co.
C.M.E.—H. K. Moberly, Civil and Mining Engineer.
B.Coal—West Newton Coal Co.
Gran.—West Newton Granite, Lime & Cement Co.
B.Coal—Yough. Slope Gas Coal Co. Yough. Slope mine. 28,000 tons; 120 days; 126 employes. Alex. Moreland, mine supt.

WESTOVER, Clearfield Co. M.O. Tel. Ry. 660.
B.Coal—McEnn & Fry.
B.Coal—Wm. Woodford. (Local.)

WEST PITTSTON, Luzerne Co. P.O. Pittston. Tel. Ry. 244; 465.
A.Coal—Clear Spring Coal Co., 702 Exeter St. J. L. Coke, pres., gen. mgr. and buyer; W. H. Gearhart, secy; A. McI. Dewitt, treas. Cap. stk. $320,000, pd. up. Clear Spring mine. Shaft 500 ft.; 197,000 tons; 191 days; 550 employes. Steam. Breaker and washer.

WEST VALLEY, Armstrong Co. Ry. Kittanning 15.
B.Coal—B. W. Wangaman. (Local.)

WEXFORD, Allegheny Co. Pop. 42. Banking town and Ry. Allegheny 660; 683.
B.Coal—Samuel Emmett. (Local.)

WHEATLAND, Mercer Co. Pop. 575. M.O. Tel. Ry. 288a; 598.
Roll.M.—Wheatland Iron Co. Rolling mill.

WHITE ASH, Allegheny Co. Pop. 191. Ry. Nadine 130. Banking town Pittsburg.
B.Coal—New York & Cleveland Gas Coal Co. Sandy Creek mine; 120,000 tons; 157 days; 289 employes. Steam. Wm. Fisher, mine supt.

WHITEHALL, Lehigh Co. P.O. Coplay. Tel. Ry. 465. Banking town Watsontown.
Cem.—Hercules Cement Co., Catasauqua. Rock, 40,000 tons. Cement mill; 50 tons daily capacity. E. D. Boyer, supt.

WHITNEY, Westmoreland Co. M.O. Ry. 660.
B.Coal-Coke—Hostetter Connellsville Coke Co., 59 4th Ave., Pittsburg. Whitney mine. Slope 4,000 ft.; 192,500 tons; 275 days; 300 employes; 300 coke ovens; 159,500 tons. Steam. John T. Rush, mine supt.

WHITSETT, Fayette Co. Ry. 681.
B.Coal—Rainbow Coal & Coke Co. Rainbow mine. Drift. Steam.

WIDNOON, Armstrong Co. Ry. Rimer 15.
B.Coal—H. H. Craig. (Local.)
B.Coal—J. E. Craig. (Local.)
B.Coal—H. F. Duncan. (Local.)
B.Coal—Emanuel Gray. (Local.)

WILBURTON, Columbia Co. Ry. 465.
A.Coal—Midvalley Coal Co. Midvalley mine. Slope. Breaker. Steam.

WILKES-BARRE, Luzerne Co. Pop. 37,718. M.O. Tel. Ry. 133; 243; 244; 465; 660; 942.
A.Coal—Advance Coal Co.
A.Coal—Algonquin Coal Co.
A.Coal—Annora Coal Co. Annora mine. Slopes. Tunnels. Steam. Breaker.
M.E.—J. H. Bowden, M. E., Chief Engineer, Coal Co.'s of Pennsylvania R. R. Co. Anthracite Expert.
B.Coal—Cabin Creek & Kanawha Coal Co.
A.Coal—Delano Land Co.
A.Coal—Delaware & Hudson Canal Co., Scranton. Baltimore Shaft Nos. 2 and 3. Baltimore Tunnel and Conyngham mines. 450,000 tons; 190 days; 1,550 employes. Breaker. Steam. A. H. Vandling, mine supt.
A.Coal—Haddock, Shonk & Co.
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WILKES-BARRE—Continued.
A.Coal—Hillman Vein Coal Co., 239 N. Canal St. H. H. Ashley, pres.; H. C. Brodhead, v. pres.; Samuel J. Tonkin, secy. and gen. mgr.; Chas. P. Hunt, treas. Cap. stk. $200,000. Hillman Vein colliery. Shaft 865 ft.; tunnel 1,000 ft.; 80,000 tons; 156 days; 275 employes. Steam. Breaker.
A.Coal—Keystone Coal Co. Keystone mine. Slope. Breaker. Steam.
A.Coal—Kidder Coal Co. 46,844 tons; 249 days; 21 employes.
A.Coal—Lehigh Valley Coal Co. Dorrance mine. 144,899 tons; 139 days; 376 employes. Steam. Franklin mine. Slopes. 160,360 tons; 164 days; 550 employes. W. A. Lathrop, mine supt.
A.Coal—Lehigh & Wilkes-Barre Coal Co. J. R. Maxwell, pres.; Geo. F. Baker, v. pres.; Henry Graves, secy. and treas.; E. H. Lawall, gen. mgr.; E. W. Marple, buyer. Cap. stk. $10,000,000. Shafts Nos. 1 to 21. 600 to 1,400 ft. 3,500,000 tons. 156 days. 15,600 employes. Steam and compressed air. Fourteen breakers. Operate 10 miles of Ry.; 30 locomotives; 600 cars.
A.Coal—Midlothian Coal Co.
Atty.—Sidney Roby Miner, Attorney-at-Law, 65 Coal Exchange. A. B. Harvard; Law School University of Pennsylvania; member Wilkes-Barre Law and Library Association and Pennsylvania Bar Association. Reference: Wyoming National Bank. Compiler Mining Laws of Pennsylvania for the RECORD.
A.Coal—Newport Coal Co. Newport mine. Slopes. Steam. Breaker.
A.Coal—Plymouth Coal Co., Coal Exchange Bldg. (John C. Haddock, prop.) Mines at Luzerne and Plymouth.
A.Coal—Raub Coal Co.
A.Coal—Red Ash Coal Co. Red Ash mine. Nos. 1 and 2. Slope. Steam. Breaker.
Geol.—A. D. W. Smith, Geologist and Mining Engineer, 74 Coal Exchange Bldg.
A.Coal—Summit Branch Railroad Co.
Atty.—Ralph H. Wadhams, Attorney-at-Law, 137 S. Franklin St. General practice. Graduate Amherst College '89. Member Wilkes-Barre Law Library Association. Compiler of Commercial Laws of Pennsylvania for the RECORD.
M.E.—Samuel D. Warriner, Mechanical Engineer, Lehigh Valley Coal Co.
A.Coal—Warrior Run Coal Co. 117,824 tons. 186 days. 343 employes.
A.Coal—West End Coal Co. Mine at Mocanaqua.
A.Coal—Wyoming Valley Coal Co. Shaft. Breaker. Steam.

WILKINSBURG, Allegheny Co. Pop. 4,662. P.O. Pittsburg. Tel. Ry. 660.
B.Coal—Hampton Coal Mines, Pittsburg. Hampton mine. Slope.
B.Coal—J. A. Strickler Coke Co., Ltd. Strickler mine; 130,000 tons; 288 days; 101 employes. Steam. J. A. Strickler, mine supt.
C.M.E.—Samuel A. Taylor, Civil and Mining Engineer, 908 South Ave.
B.Coal—Gottlieb Vogele. Ocean mine; 5,000 tons; 248 days; 10 employes.
B.Coal—Jacob Wienman, Frankstown mine.

WILLET, Indiana Co. Pop. 67. Banking town and Ry. Indiana 660.
B.Coal—W. K. Shaffer.

WILLIAM PENN, Montgomery Co. Ry. name Spring Mill 660; 672.
Stone—John Forster.
A.Coal—Wm. Little.
A.Coal—Wm. Penn Coal Co. (not incorporated.) Walter Peterson, treas.; W. H. Leurs, gen. mgr. and buyer. Wm. Penn mine. Shaft 300 ft.; tunnel 1,000 ft.; slope 1,500 ft.; 300,000 tons. 250 days. 800 employes. Steam. Breaker and washer.

WILLIAMSBURG, Blair Co. Pop. 888. M.O. Tel. Ry. 660.
Stone—Pittsburg Limestone Co.
Stone—Schmucker & Co.

WILLIAMS MILL, Cumberland Co. Pop. 467. Ry. name Williams Grove 235.
Stone—H. K. Spahr. Williams quarry. Lime and building stone. Electricity.

WILLIAMSPORT, Lycoming Co. Pop. 27,132. M.O. Tel. Ry. 63; 302; 613; 660; 672.
B.Coal—Cambria Coal Mining Co. Col. Jas. B. Coryell, pres. and buyer; W. D. McCausland, secy. and treas.; D. D. Lewis, gen. mgr. Mines at Portage and Smoke Run.
B.Coal—Clearfield Coal Co. John B. Coryell, pres.; James B. Coryell, secy. and treas. Mine at Tyler.
B.Coal—Elk Coal & Coke Co.
B.Coal—Wm. Emery. (Local.)
B.Coal—I. T. Huff & Co.

WILLIAMSPORT—Continued.
B.Coal—Kettle Creek Coal Mining Co., 34 W. 4th St. Hon. Henry C. Parsons, pres.; Geo. L. Miller, M. E., v. pres. and gen. mgr.; G. D. Tinsman, secy.; Frank Parsons, treas. Cap. stk. $150,000; $120,000 pd. up. Mine at Bitumen.
B.Coal—St. Mary's Coal Co.
B.Coal—Standard Coal & Coke Co.
Stone—David Stumpfel. Quarry at Jersey Mills.
Roll.M.—Williamsport Iron & Nail Co. Rolling mill.

WILLIAMSTOWN, Dauphin Co. Pop. 2,324. M.O. Tel. Ry. 613; 944.
B.Coal—Williamstown Colliery Co.

WILLOCK, Allegheny Co. Tel. Ry. 49.
B.Coal—First Pool Monongahela Gas Coal Co., Pittsburg. First Pool mine. Shaft. Steam.

WILLOWGROVE, Montgomery Co. Pop. 266. M.O. Tel. Ry. 672. Banking town Hatboro.
B.Coal—Willowgrove Mining Co., Pittsburg. Willowgrove mine. Slope. Steam.

WINBURNE, Clearfield Co. M.O. Ry. 63. Banking town Philipsburg.
B.Coal—Sommerville & Buchannan. Jas. S. Somerville, gen. mgr. Sommerville collieries. Drift and tunnel; 3,000 ft.; 100,000 tons; 200 days; 250 employes. Horse.

WINDGAP, Northampton Co. M.O. Tel. Ry. 54; 133; 464.
Slate—Alpha Slate Co. Alpha quarry. Roofing slate. Steam.
Slate—Harding, Reimel & Co.
Slate—Imperial Slate Co. Imperial quarry. Roofing and school slate. Steam.
Slate—Jones Slate Co.
Slate—Windgap Slate Co. Windgap quarry. Mill. Steam.

WINFIELD, Union Co. Pop. 271. M.O. Tel. Ry. 672. Banking town Lewisburg.
Stone—John Crabb.
Stone—C. M. Rooke & Co. Winfield quarry. Limestone. Horse.

WINTON, Lackawanna Co. Tel. Ry. 243; 344a; 598; 600. Banking town Scranton.
A.Coal—Mount Jessup Coal Co., Scranton. Mount Jessup mine. Breaker. Steam.

WOODBURY, Bedford Co. Pop. 260. M.O. Ry. Curryville 660. Banking town Martinburg.
Iron—R. Hoover.

WOODLAND, Clearfield Co. Pop. 496. M.O. Tel. Ry. 243; 660. Banking town Clearfield.
B.Coal—Kecks Coal Co. Kecks mine. 15,000 tons. 210 days. 25 employes. J. R. Overly, mine supt.
C.Coal—Woodland Cannel Coal Co., Tyrone. Kecks mine. Open pit.

WOODVALE, Huntingdon Co. Pop. 300. Ry. Robertsdale 660.
B.Coal—Rockhill Iron & Coal Co., 320 Walnut St., Philadelphia. Woodvale mine. Shaft. 150 ft.; 50,000 tons; 300 days; 160 employes. Steam. Peter M. Connor, mine supt.

WOODVILLE, Allegheny Co. Pop. 350. M.O. Tel. Ry. 685; 686. Banking town Mansfield Valley.
B.Coal—F. Armstrong. (Local.)

WORTH, Mercer Co. Ry. Wheeler 815. Banking town Sharon.
B.Coal—J. W. Love. (Local.)
B.Coal—Samuel Shafer. (Local.)

WRIGHTSVILLE, York Co. Pop. 1,980. M.O. Tel. 660.
Lime—G. S. Budding.
Iron—David S. Cook. F. D. Kauffelt, mgr. Mine at Glen Wilton, Va.
B.Fur.—Steacy & Denney Co. Blast furnace.

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WYALUSING, Bradford Co. Pop. 440. M.O. Tel. Ry. 465.
Stone—D. Y. and L. W. Caswell. Flagstone.

WYEBROOK, Chester Co. Ry. 660. Banking town Honeybrook.
B.Fur.—Joseph D. Potts. Blast furnace.

WYMPSGAP, Fayette Co. Ry. Smithfield 49. Banking town Uniontown.
B.Coal—Wm. Clever.
F.Clay—D. H. Emme. Fire clay. 3,000 tons; 240 days; 12 employes.
Stone—E. Emme.
Iron—Samuel Holts.
B.Coal—Jacob Surriness.

WYNNEWOOD, Montgomery Co. Ry. 660. Banking town Philadelphia.
B.Coal—C. F. Berwind.

WYOMING, Luzerne Co. Pop. 2,000. M.O. Tel. Ry. 244; 465. Banking town Wilkes-Barre.
A.Coal—John A. Hutchins.
A.Coal—Lehigh Valley Coal Co., Philadelphia. Wyoming mine. Shaft. Breaker. Steam.
Stone—Elijah Robbins.

YARDLEY, Bucks Co. Pop. 820. M.O. Tel. Ry. 672.
Stone—S. B. Twining quarries. Chas. Easthorn, gen. mgr. and buyer. Cap. $25,000. Sandstone. Quarries at Stockton, N. J.

YATESVILLE, Luzerne Co. P.O. Yates. Tel. Ry. 133; 243; 942. Banking town Pittston.
A.Coal—Crescent Coal Co., Wilkes-Barre. Crescent mine No. 1. Tunnel. Steam.
A.Coal—Philadelphia & Reading Coal & Iron Co., Philadelphia. Knickerbocker mine. 160,000 tons; 175 days; 640 employes. Steam. Breaker. John Veith, supt.

YELLOWHOUSE, Berks Co. Pop. 95. Tel. Ry. Douglassville 660; 672. Banking town Reading.
Lime—Ezra Greisemer.

YORK, York Co. Pop. 20,550. M.O. Tel. Ry. 613; 660; 928; 963.
Slate—York & Peach Bottom Slate Co.

YORKHAVEN, York Co. Tel. Ry. 613. Banking town York.
Stone—York Haven Paper Co.

YORK SPRINGS, Adams Co. Pop. 350. M.O. Ry. Idaville 672. Banking town Gettysburg.
M.E.—W. H. Gardner.

YORKTOWN, Carbon Co. P.O. Audenried. Ry. 465.
A.Coal—Lehigh Valley Coal Co. Spring Brook mine; 140,000 tons; 140 days; 390 employes. Steam. Breaker. Col. D. P. Brown, supt.

YORKVILLE, Schuylkill Co. P.O. and Ry. Pottsville 465; 660; 666; 672.
A.Coal—Lehigh Valley Coal Co. York Farm mine; 85,000 tons; 145 days; 460 employes. Steam. Breaker. W. A. Lathrop, supt.

YOUNGSTOWN, Westmoreland Co. Pop. 490. M.O. Tel. Banking town Latrobe 469; 660.
B.Coal—S. Aukerman. (Local.)

YOUNGWOOD, Westmoreland Co. Tel. Ry. 660. Banking town Greensburg.
Nick.—Emmens Metal Co. Nickel. Mine at Sudbury, Ont.

ZOLLARSVILLE, Washington Co. Pop. 120. Ry. West Brownsville 660. Banking town Beallsville.
B.Coal—S. C. Barre. (Local.)
B.Coal—Jos. Davis. (Local.)
B.Coal—Davis & Son. (Local.)
B.Coal—J. M. Horn. (Local.)

RHODE ISLAND

ARCTIC, Kent Co. Pop. 1,300. M.O. Tel. Ry. 581c. Banking town Phenix.
Gran.—P. McMahon. Granite.

BARRINGTON, Bristol Co. Pop. 1,668. Tel. Ry. 599. Banking town Warren.
Gran.—John Murphy. Granite.

CENTERDALE, Providence Co. Pop. 690. M.O. Tel. Ry. 581c. Banking town Greenville.
Gran.—Emor Angell. Granite.
Gran.—W. H. Cary. Granite.
Gran.—R. W. Harris. Granite.

CENTERVILLE, Kent Co. Pop. 1,270. M.O. Tel. Ry. 581c.
Gran.—R. B. Spencer. Granite.
Gran.—D. Taylor, Jr. Granite.

CRANSTON, Providence Co. Pop. 10,560. M.O. Tel. Ry. 581c.
Gran.—Richard Fenner. Granite.
Gran.—New England Manufacturing Co. Granite.
Gran.—Nelson Titus. Granite.

EAST GREENWICH, Kent Co. Pop. 3,096. M.O Tel. Ry. 599.
Gran.—J. M. Tarbox. Granite.

EAST PROVIDENCE, Providence Co. Pop. 10,170. M.O. Tel. Ry. 599. Banking town Providence.
Gran.—Jos. McCormick. Granite.

FOSTER CENTER, Providence Co. Pop. 200. Ry. Hope, 599. Banking town Phenix.
Gran.—H. E. Nye. Granite.

GREENVILLE, Providence Co. Pop. 950. M.O. Ry. Centerdale, 581c.
Gran.—John W. Mathewson & Son. J. W. Mathewson, pres.; C. H. Mathewson, secy., treas., gen. mgr. and buyer. Cap. $10,000. Granite. 20,000 ft.; 250 days; 30 employes. Steam.

HARRISVILLE, Providence Co. Pop. 1,000. M.O. Tel. Ry. 581c. Banking town Pascoag.
Gran.—F. L. Mathewson. Granite.

KINGSTON, Washington Co. Pop. 550. M.O. Tel. Ry. 599.
Marb.—J. D. Russell. Marble.

LITTLE COMPTON, Newport Co. Pop. 1,112. M.O. Tel. Ry. Tiverton, 599. Banking town Newport.
Gran.—S. M. Jennings. Granite.
Stone—Henry L. Simmons.

NEWPORT, Newport Co. Pop. 22,000. M.O. Tel. Ry. 599.
Gran.—A. T. Anthony. Anthony's quarry. Granite. Mill.
Gran.—Chas. P. Austin. Granite.
Gran.—H. G. Burns. Granite.
Stone—Newport Stone Works.
Marb.—P. Stevens & Son. Marble.

NIANTIC, Washington Co. Pop. 800. M.O. Ry. 599. Banking town Westerly.
Gran.—A. G. Crumb & Sons. E. A. Crumb, secy.; A. G. Crumb, buyer. Quarry at Westerly.
Gran.—Fletcher & Palmer. Granite.
Gran.—Kenyon & Co. Granite.
Gran.—D. & I. Newall. Granite.

OAKLAND, Providence Co. P.O. Mapleville. Tel. Ry. 581c.
Gran.—J. H. Gonnon. Granite.

OLNEYVILLE, Providence Co. Pop. 5,756. M.O. Tel. Ry. 581c; 599.
Gran.—J. Chambers. Granite.

PAWTUCKET, Providence Co. Pop. 33,000. M.O. Tel. Ry. 599.
Marb.—F. C. Bradley. Marble.
Marb.—P. O. Connor. Marble.
Marb.—John French. Marble.
C.E.—J. E. Judson, civil and mill engineer, 271 Main st.
Marb.—O'Connor & Weatherland. Marble.
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PHENIX, Kent Co. Pop. 2,194. M.O. Tel. Ry. 599.
Marb.—H. L. Spencer. Marble.

PROVIDENCE, Providence Co. Pop. 146,000. M.O. Tel. Ry. 581c; 599.
Gran.—B. J. Blanchard, 2 Custom House St. Granite.
Gran.—A. Deslauviers. Granite.
Gran.—C. S. Dyer. Granite.
Gran.—Garvey Bros., 9 Custom House St. Granite.
B.Coal—M. C. Hayward.
Attys.—Wm. R., James & Theo. F. Tillinghast, Counselors and Attorneys at Law, 6 S. Main St. P.O. Box 1451. Practice in all State and Federal Courts, in all branches of real estate, commercial and patent law. Refer to any bank in Providence. Compilers of the Rhode Island Laws for the RECORD.
Gran.—New England Mining Co. Granite.
B.Coal—Fred A. Potts.
C.E.—Shedd & Sarle, Civil Engineers. Specialty: Water power and water works.
Gran.—J. T. Tank. Granite.

SMITHFIELD, Providence Co. Pop. 2,340. Ry. 581c.
Gran.—Smithfield Granite Co. Granite.

VALLEY FALLS, Providence Co. Pop. 2,750. M.O. Tel. Ry. 581c; 599. Banking town Pawtucket.
B.Coal—Blackstone Coal Mining Co. Blackstone mine. Shaft. Steam.
Gran.—A. McKay. Granite.

WASHINGTON, Kent Co. Pop. 680. M.O. Tel. Ry. 581c. Banking town Phenix.
Marb.—S. F. Richmona. Marble.

WESTERLY, Washington Co. Pop. 4,700. M.O. Tel. Ry. 599.
Gran.—Archie Bros. Granite.
Gran.—Alex. Bessett. Granite.
Gran.—Calder & Carine. Granite.
Gran.—John Catto. Granite.
Gran.—Chapman Granite Works. Granite.
Gran.—J. E. Collins. Cormorant Hill quarry. Granite.
Gran.—A. G. Crumb & Sons, Niantic. Granite. 2,500 ft.; 300 days; 25 employes. Steam. E. S. Crumb, quarry supt.
Gran.—Dixon Granite Works. N. F. Dixon, pres.; J. A. Babcock, secy. and treas.; Thos. Craddock, gen. mgr. and buyer. Granite. 1,000,000 cu. ft.; 300 days; 50 employes. Steam. Chas. Halvosa, quarry supt.
Gran.—Duguid, Bisset & Webster. Granite.
Gran.—Kirkpatrick & Sheehan. Granite.
Gran.—L. McDonald. Granite.
Gran.—John Mellville. Granite.
Gran.—Murray & Co., 145 High St. Cap. $5,000. Granite. 20 employes. Steam. One-half mile of Ry., 2 cars.
Gran.—New England Granite Works, Hartford, Conn. Rhode Island quarry. Granite. Mill. Steam.
Gran.—Joseph Newall & Co. (Dalbeattie Granite Works), 6 High st. Blue Westerly Granite quarry. Granite mill. 50,000 ft.; 100 employes. Steam. Grey quarries at Dalbeattie and Red quarries at Peterhead, Scotland.
Gran.—O'Neil & Co. Granite.
Gran.—Rhode Island Granite Works. Granite.
Gran.—Smith Granite Co. Orlando R. Smith, pres.; John P. Randall, secy.; W. S. Martin, quarry supt. Nos. 1, 2, 3 and 4 quarries. 300 days; 500 employes. Granite mill. Steam.
Gran.—Jas. Stewart. Granite.
Gran.—Stewart & McDonald. Granite.
Gran.—Horace Swan. Granite.
Gran.—J. M. Thompson. Granite.
Gran.—Robt. Thompson. Granite.
Gran.—Thompson & Platt. Granite.
Gran.—Westerly Granite Co. Granite.

WICKFORD, Washington Co. Pop. 1,100. M.O. Tel. Ry. 589.
Gran.—Olney Granite Co. Blue granite.

WOONSOCKET, Providence Co. Pop. 24,468. M.O. Tel. Ry. 581c; 599.
Gran.—Fairmount Farm Co. Granite.
Marb.—G. W. Greene. Marble.
Marb.—Wm. Myers. Marble.

SOUTH CAROLINA

ASHEPOO, Colleton Co. Pop. 54. M.O. Ry. 140.
Phos.—Horseshoe Mining Co., Charleston. Phosphate.

BEAUFORT, Beaufort Co. Pop. 3,587. M.O. Tel. Ry. 699.
Phos.—Baldwin Phosphate Co.
Phos.—Beaufort Phosphate Co.
Phos.—Coosau Mining Co. Phosphate.
Attys.—Elliott & Elliott (William Elliott and William Elliott, Jr.), Attorneys at Law. Compilers of the Laws of South Carolina for the RECORD.
Phos.—Farmers Phosphate Co., Charleston. Mill, 50,000 tons capacity. Steam.
Phos.—Phosphate Mining Co. Phosphate.
Phos.—James Read & Co. Phosphate.
Phos.—St. Helena Phosphate Co., 22 Broad St., Boston. Mine address Chisolms. Chisolms Island mine. 300 days; 300 employes. Steam. Operate 8 miles Ry.; 2 locomotives; 60 cars.
Phos.—E. A. Seabrook.
Phos.—Washington Y. Tripp. R. R. Luzare, treas. and buyer. Cap. stk. $1,500, $500 pd. up.

BLACKSBURG, York Co. Pop. 1,245. M.O. Tel. Ry. 628; 838.
Barytes—Blacksburg Mining & Milling Co. Westmoreland and Kings Creek mines. Open pit and tunnel. Water.
Sulp.—Carolina Sulphuric Acid Manufacturing Co. J. F. Jones, pres. and buyer; M. M. Freeman, treas. Gaston (sulphur) mine. Four shafts, 100 to 225 ft.
Me.C.E.—Jno. F. Jones, Mechanical and Civil Engineer.

BROWN, Williamsburg Co. Banking town and Ry. Kingstree, 39.
Phos.—Edisto Phosphate Co.

CHARLESTON, Charleston Co. Pop. 55,000. M.O. Tel. Ry. 39; 140; 837.
Phos.—Archdale Co. Phosphate.
Phos. Ashepoo Phosphate Co.
Phos.—Atlantic Phosphate Co.
Phos.—Bartow Phosphate Co. Mines at Bartow, Fla.
Phos.—Bear Swamp Mines. Phosphate.
Phos.—Berkeley Phosphate Co.
Phos.—Bolton Mining Co. Phosphate. Mine at Stono.
Phos.—Charleston Mining & Manufacturing Co. Phosphate.
Phos.—T. D. Dotters. Phosphate.
Phos.—Chas. A. Drayton. Phosphate.
Phos.—Farmers Mining Co. Phosphate. Mine at Beaufort.
Phos.—Wm. Gregg. Phosphate.
Phos.—John Hanson.
Phos.—Horseshoe Mining Co. Mines at Ashepoo.
Phos.—Land Pebble Phosphate Co. Mine at Pebble, Fla.
Phos.—Magnolia Mining Co.
Phos.—Mead Phosphate Co.
Phos.—Mount Holly Mining Co. Phosphate.
Phos.—J. C. Nelson. Phosphate.
Phos.—C. C. Pinckney, Jr. Phosphate.
Phos.—St. Andrews Phosphate Co. Mine at Stono.
Phos.—Stono Phosphate Works.
Phos.—K. S. Tupper. Phosphate.
Phos.—Wando Phosphate Co.
Phos.—Wayne & Von Kohitz. Phosphate.
Gran.—Winnboro Granite Co., 59 Broad st. Jas. F. Redding, pres., gen. mgr. and buyer; Leon C. Ferrall, secy. and treas. Cap. stk. $150,000, pd. up. Quarries at Rion.

COLUMBIA, Richland Co. Pop. 16,000. M.O. Tel. Ry. 39; 212; 310; 837; 838.
Gran.—Stewart Stone Co. Granite. Mill. Steam.

DARLINGTON, Darlington Co. Pop. 2,389. M.O. Tel. Ry. 39.
Phos.—Darlington Phosphate Co.

FETTERESSA, Berkeley Co. Tel. Ry. 140.
Phos.—Charleston, South Carolina Mining & Manufacturing Co. Chas. W. Trotter, pres.; James Emlen, secy. and treas. Cap. stk. $1,000,000, pd. up. C. A. Merriam, supt.

GLENN SPRINGS, Spartanburg Co. Pop. 278. M.O. Ry. 340. Banking town Spartanburg.
Gold—Golden Gate Mining Co., Spartanburg. Golden Gate placer mine. Water and steam.

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GLENN SPRINGS—Continued.
Gold—Thomson Gold Mining Co., Spartanburg. Thomson mine. Shafts and open cuts. Free ore. Stamp mill. Steam.

GREENWOOD, Abbeville Co. Pop. 1,326. M.O. Tel. Ry. 700; 806; 838.
Gran.—W. H. Pearce.

HAILE GOLDMINE, Lancaster Co. Ry. Kershaw, 628. Banking town Lancaster.
Gold—Haile Gold Mines, Ltd., 17 Maiden Lane, New York. Haile mine. Shafts. Free and refractory ore. Steam. Stamp mill. Adolph Thies, M.E., mgr.
M.E.—Adolph Thies, Mining and Metallurgical Engineer. Inventor Thies process for treatment of gold ores; in use by Haile Gold Mines, Ltd.

JACKSONBORO, Colleton Co. Pop. 176. M.O. Ry. 140. Banking town Walterboro.
Phos.—F. C. Fishburne. Phosphate.

JEFFERSON, Chesterfield Co. Pop. 42. M.O. Banking town and Ry. Kershaw, 628.
Gold—Brewer Gold Mine Co.

LANGLEY, Aiken Co. Pop. 671. M.O. Tel. Ry. 837; 838.
Kaol.—T. G. Lamar Kaolin Co. Open pit.

NEWBERRY, Newberry Co. Pop. 3,020. M.O. Tel. Ry. 212; 459; 838.
Gran.—Leavell & Speers. Granite.

PACOLET, Spartanburg Co. Pop. 1,125. Ry. 838. Banking town Spartanburg.
Gran.—Jas. C. Johnston, 101 5th ave., Pittsburg, Pa. Keystone Granite quarry. 300 cars; 300 days; 50 employes. Steam. Operate 1½ miles of Ry.; 1 locomotive.

PICKENS, Pickens Co. Pop. 283. M.O. Banking town and Ry. Easley, 838.
Mica—J. E. Hagood.
Mica—J. K. Kirksey.

RION, Fairfield Co. Ry. Rockton, 838. Banking town Winnboro.
Gran.—Winnboro Granite Co., 59 Broad st., Charleston. Winnboro quarry. 85,000 ft.; 280 days; 47 employes. Steam. Stone crusher, 24 yds. daily capacity. Bundrick quarry. Blue granite. Anderson quarry. Blue granite. Operate 7 miles of Ry.; 1 locomotive. A. W. St. Armand, quarry supt.

SHELDON, Beaufort Co. Pop. 89. M.O. Ry. 699. Banking town Beaufort.
Phos.—Bull River Phosphate Co., Ltd., London, Eng. Rock phosphate. Open pit. Mill.

SPARTANBURG, Spartanburg Co. Pop. 5,544. M.O. Tel. Ry. 838.
Gold—Golden Gate Mining Co. Mine at Glenn Springs.
Gold—Thomson Gold Mining Co. Mine at Glenn Springs.

STONO, Berkeley Co. M.O. Ry. name Johns Island, 692. Banking town Charleston.
Phos.—Bolton Mining Co., Charleston. Rock phosphate. Open pit. Mill, 35,000 tons capacity. Steam.
Phos.—W. L. Bradley, Boston, Mass. Bulo mine. Rock phosphate. Steam.
Phos.—St. Andrew Phosphate Co., Charleston. Rock phosphate. Steam.

WILLIE, Spartanburg Co. Ry. Inman, 838.
Gold—Wolfe & Tyger Mining Company of South Carolina. Shafts and placer. Free and refractory ore. Steam and water. Stamp mill.

YORKVILLE, York Co. Pop. 1,553. M.O. Tel. Ry. 152; 628.
Iron—Nannie Mount Acid & Mining Co. Shaft and tunnel. Steam.

SOUTH DAKOTA

BALD MOUNTAIN MINES, Lawrence Co. P.O. Banking town and Ry. Deadwood, 99; 322.
Gold—Equitable Mining Co., Deadwood. Equitable mine. Under lease. 4 employes.
Gold—Bald Mountain Consolidated Mining Co., Deadwood. Annie, Josie, Katie and Boomer mines. Shafts. Refractory ore. Steam.
Gold—Lew Wallace Mining Co., Deadwood. Lew Wallace mine. 4 employes.

BEARGULCH, Lawrence Co. Pop. 100. Banking town and Ry. Spearfish, 167.
Tin—Hennessey & Co. Claim.
Tin—Mark Hydliff. Claim.
Tin—Janassey & St. John. George and other claims. Shaft. Horse.
Tin—Jensen & Jackson. Claim.
Tin—McMaken & Co. Claim.
Tin—C. Miller. Grace, Boston, Commercial and New York claims. (Awaiting development.)
Tin—Nigger Hill Tin Mining Co. Claim.
G.T.—W. A. Rinehart. Inter Ocean mine. Gold and tin. Shaft. Free and refractory ore.
Tin—White & Jensen. Claim.

BOSSKO, Roberts Co. Ry. Sisseton, 174. Banking town Browns Valley, Minn.
B.Coal—Bossko Coal Mining Co.

BUFFALOGAP, Custer Co. Pop. 501. M.O. Tel. Ry. 322. Banking town Hot Springs.
Stone—Elm Creek Brownstone Co. Brownstone.
Stone—Marshall & Alexander.

CARBONATE, Lawrence Co. Pop. 173. M.O. Ry. Deadwood, 99; 322. Banking town Spearfish.
Tin—A. Brooks. Claim.
G.S.—Frank S. Bryant. Gold and silver. Mines at Squaw Creek.
G.S.—Iron Hill Mining Co. Gold and silver. Fraction, Bluebird and other claims. Shaft and tunnel. Steam.

CENTRAL CITY, Lawrence Co. Pop. 520. M.O. Ry. 322. Banking town Deadwood.
G.S.—Columbus Mining Co. Gold and silver.
G.S.—Father De Smet Consolidated Mining Co. Gold and silver.
G.S.—Imperial Mining Co. Gold and silver.

CHAMBERLAIN, Brule Co. Pop. 939. M.O. Tel. Ry. 174.
C.E.—Scott Hayes, Civil Engineer and Surveyor.

CUSTER, Custer Co. Pop. 790. M.O. Tel. Ry. 99.
Tin—Henry Albien. Claim.
Tin—Bellevue Mining Co. Claim.
Gold—Black Prince Mining Co. (Robbins & Demereau, props.) Black Prince mine. Shaft, 40 ft. Refractory ore. (Developing.)
Gold—Brownlee & Booth. Sunrise and Young Bill mines. Open pit. Shaft. Free ore.
Tin—Clark Wood & Co. Claim.
Tin—Dolphin Mining, Milling & Manufacturing Co. Claim.
Mica—Galesburg Mica Mining Co., Galesburg, Ill. Shaft and tunnel.
Tin—Gaylord & Russell. Claim.
Tin—J. W. Hanna. Claim.
Tin—Frank Herbert. Claim.
Tin—E. L. Hunt. Claim.
Tin—Kleeman & Co. Claim.
Tin—McLaughlin & Co. Claim.
Tin—Major, Vickers & Champlin. Claim.
Tin—Marsh & Alexander. Claim.
Gold—Wm. Nevice. Scotland mine. Shaft, tunnel.
Tin—Wm. Olds & Co. Claim.
Gold—Promontory Mining Co. Promontory mine. Tunnel, 40 ft. Refractory ore. C. W. Robbins, mine supt. (Developing.)
Gold—C. W. Robbins, James Demereau and A. T. Feay. 20 claims in Southern Black Hills. (Developing.)
Gold—H. N. Ross. Old Bill mine. Shaft. Refractory ore.

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CUSTER—Continued.
M.E.—Samuel Scott, Mining Engineer. Examinations and reports.
Gold—Thos. I. Wheeler. Neptune mine. Tunnel. Refractory ore.

DEADWOOD, Lawrence Co. Pop. 2,366. M.O. Tel. Ry. 99; 322.
G.S.—Alexander Mining Co. Seth Bullock, pres. and treas.; Sol. Star, v. pres.; Fred Eccles, secy.; James Conzett, gen. mgr. Cap. stk. $2,500,000. Mines at Galena.
G.S.—American Queen Mining Co. Gold and silver.
Gold—Bald Mountain Consolidated Mining Co. Mine at Bald Mountain Mines.
Assy.—M. Bamberger, Assayer and Metallurgist.
Silv.—Big Owl Mining Co. Silver.
Gold—Bullion Mining Co.
Silv.—Bullock & Conzett (Seth Bullock and James Conzett). Silver. Mine at Galena.
G.S.—Calumet Mining Co. Gold and silver.
G.S.—Cambrian Mining Co. Gold and silver.
Silv.—Carthage Silver Mining Co. Boston and Carthage mines. Silver. Shafts. Refractory ore.
Gold—Cheyenne Consolidated Mining Co.
G.S.—Clinton Mining Co. Gold and silver.
G.S.—Cora Mining Co. Gold and silver.
G.S.—Creston Mining Co. Gold and silver.
Smlt.—Deadwood & Delaware Smelting Co. Wm. H. Swift, pres.; Jos. Swift, secy. and treas.; F. R. Carpenter, Ph.D., M.E., gen. mgr. and buyer. Cap. stk. $530,000, pd. up.
G.S.—Duluth Mining Co. Gold and silver.
Gold—Equitable Mining Co. John Baker, pres.; Frank Dennis, v. pres.; Julius Rebsamen, secy.; Thos. Whittaker, treas.; John McVean, gen. mgr. Cap. stk. $2,500,000. Mine at Bald Mountain. (Leased.)
G.S.—Fairfield Mining Co. Gold and silver.
G.S.—Florence Gold & Silver Mining Co. Florence mine. Tunnel. Refractory ore.
G.S.—Gen'l Crook Silver Mining Co. E. W. Martin, pres.; N. T. Mason, secy. and treas. Cap. stk. $2,500,000. Mine at Galena.
G.S.—General Merritt Gold & Silver Mining Co.
G.S.—Golden Crown Mining Co. Gold and silver.
G.S.—Golden Reward Mining Co. Gold and silver.
R.Wks.—Golden Reward Mining Co. Chlorination Wks. Reduction works.
Gold—Goodenough Gold Mining Co.
G.S.—Hardcastle Mining Co. Gold and silver.
G.S.—Hermit Mining Co. Gold and silver.
G.S.—A. Hester Mining Co. Gold and silver.
G.S.—Highland Chief Mining Co. Gold and silver.
G.S.—Holy Terror Mining & Milling Co. Gold and silver.
Gold—Home Mining Co. F. D. Smith, pres. and treas.; Sarah D. Coe, v. pres.; A. W. Coe, secy. and buyer. Tunnels and shafts. Refractory ore. Developing.
U.S.Sur.—Geo. S. Hopkins, Civil and Mining Engineer. U. S. Deputy Mineral Surveyor.
S.L.—Horseshoe-Comet Mining Co. E. W. Martin, pres.; S. Konigsberger, v. pres.; N. T. Mason, secy. and treas. Cap. stk. $1,250,000. Mine at Galena.
G.S.—Horseshoe Mining Co. Gold and silver.
G.S.—Inter Mountain Mining Co. Gold and silver.
G.S.—Iron Hill Mining Co. Gold and silver.
G.S.—Isadorah Mining Co. Gold and silver.
G.S.—Jefferson Carbonate Mining Co. C. W. Carpenter, pres.; Wm. Selbie, secy. and treas. Cap. stk. $250,000. Jefferson, Hercules mines. Refractory ore. (Idle.)
G.S.—Keystone Chlorination & Mining Co. Gold and silver.
G.S.—Keystone Mining & Milling Co. Gold and silver.
Gold—Lew Wallace Mining Co. J. Goldberg, pres.; L. R. Graves, v. pres. and treas.; Julius Rebsamen, secy.; John McVean, gen. mgr. Cap. stk. $2,500,000. Mine at Bald Mountain.
G.S.—McDonnell Mining Co. Gold and silver.
G.S.—Maggie Mining Co. Gold and silver.
Atty.—Martin & Mason (Eben W. Martin and Norman T. Mason), Attorneys at Law. Commercial Law. Compilers of Corporation, Mining and Commercial Law of South Dakota for the RECORD.
G.S.—Mikado Mining Co. Gold and silver.

DEADWOOD—Continued.
G.S.—Milwaukee Gold & Silver Mining Co.
G.S.—Minna Mining Co. Gold and silver.
G.S.—Monarch Mining Co. Gold and silver.
G.S.—Monitor Mining Co. Gold and silver.
G.S.—Mutual Mining Co. Gold and silver.
G.S.—Myrtle May Mining Co. Gold and silver.
G.S.—New Era Mining Co. Gold and silver.
Silv.—New Laplata Mining Co. Wm. Selbie, treas. Cap. stk. $250,000. Laplata mine. Shaft. Tunnel. Free and refractory ore. (Idle.)
Silv.—Parsons Silver Mining Co. Silver.
G.S.—Pocahontas Mining Co. Gold and silver.
G.S.—Rattler Gilroy Consolidated Mining Co. Gold and silver.
G.S.—Reireiver Mining Co. Gold and silver.
G.S.—Ross-Hannibal Mining Co. Hannibal and Roanoke mines. Gold and silver. Tunnel. Steam.
G.S.—Ruby Gold & Silver Mining Co. Newman T. Mason, pres. and gen. mgr.; John Mauss, v. pres.; F. J. Washabaugh, secy.; W. S. Elder, treas. Cap. stk. $200,000. Sunday, Sunset, Sunrise and Sunshine mines. Shafts and drifts. Refractory ore. (Developing.)
G.S.—Scotia Mining Co. Gold and silver.
G.S.—Seabury Calkins Mining Co. Gold and silver.
Stone—William Selbie. Sandstone. Quarry at Whitewood.
G.S.—Silver Queen Mining Co. Gold and silver.
Silv.—Silver Reef Mining Co. Wm. Selbie, mgr. Silver Reef mine. (Idle.)
Gold—Slumbering Bonanza Mining Co. Slumbering Bonanza mine. Shaft. Refractory ore.
G.S.—Spruce Gulch Mining Co. Gold and silver.
G.S.—Sugar Loaf Hill Mining Co. Gold and silver.
G.S.—Tient Mining Co. Gold and silver.
G.S.—Victory Mining Co. Gold and silver.
G.S.—Wasp Mining Co. Gold and silver.
G.S.—Welcome Mining Co. Gold and silver.
C.E.—Albert D. Wilson, Civil Engineer and Mine Surveyor.

DELL RAPIDS, Minnehaha Co. Pop. 993. M.O. Tel. Ry. 174.
Gran.—Dell Rapids Granite Co.
Gran.—East Sioux Falls Granite Co., East Sioux Falls. Dells quarry. Granite.
Gran.—E. A. Erwin. Granite.
Gran.—C. W. Hubbard & Co. Granite.

DOYLE, Meade Co. Ry. 74.
Stone—Black Hills Quarry Co.

EAST SIOUX FALLS, Minnehaha Co. Pop. 577. M.O. Tel. Ry. 381.
Stone—East Sioux Falls Granite Co. Quarries. Cap. $200,000. G. H. Perry, receiver. Jasper quarry.

ETTA MINE, Pennington Co. Pop. 24. P.O. Keystone. Banking town and Ry. Hill City, 99.
Tin—Everly & Price. Claim.
Tin—Mrs. Wm. Franklin. Claim.
Tin—Girard & Co. Claim.
Tin—J. T. Reed. Claim.
Tin—T. Wheelock & Co. Claim.

GALENA, Lawrence Co. Pop. 252. Banking town and Ry. Deadwood, 99; 322.
G.S.—Alexander Mining Co., Deadwood, S. Dak. Treasure mine. Tunnel, 150 ft. Refractory ore. Alexander, Wm. Penn and other claims. Tunnel, 250 ft. Refractory ore. Horse. James Conzett, mine supt.
Silv.—Bulloch & Conzett, Deadwood. Emma mine. Silver. Tunnel, 300 ft. Refractory ore. James Conzett, mine supt.
Copp.—Copper Knob Mining Co. Copper.
G.S.—W. V. Doyle. Union Hill mine. Gold and silver. Shaft and tunnel. Free and refractory ore.
G.S.—Gen'l Crook Silver Mining Co., Deadwood. Gen'l Crook mine. Gold and silver. Tunnel, 500 ft. Refractory ore.
Gold—Gerken & Lynn. Ontario and Wanda mines. Tunnel. Refractory ore.
G.S.L.—R. B. Hayes Mining Co. Gold, silver and lead.
S.L.—Horseshoe-Comet Mining Co., Deadwood, S. Dak. Silver and lead. (Idle.)
S.L.—Henry Mayors. Captain Pratt mine. Silver and lead. Tunnel. Free ore.
G.S.—Washington Consolidated Gold & Silver Mining Co. Gold and silver. Tunnel. Refractory ore.

GARRETSON, Minnehaha Co. Pop. 341. M.O. Tel. Ry. 346; 826.
G.S.—A. Derro. Gold and silver.

HARNEY, Pennington Co. P.O. Keystone. Banking town and Ry. Hill City, 99.
Tin—Wheelock & Everly. Claim.

HAYWARD, Pennington Co. Pop. 48. Banking town and Ry. Hermosa, 322.
Tin—Allum Irwin & Co. Claim.
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HAYWARD—Continued.
Tin—August Engle & Co. Claim.
G.S.L.—Hayward Group Silver Mining Co. London mine. Gold, silver and lead. Shaft. Tunnel. Refractory ore.
Tin—Henry Hues & Co. Claim.
Tin—B. Ottershager. Claim.
Tin—M. Thomas. Claim.

HERMOSA, Custer Co. Pop. 172. M.O. Tel. Ry. 322.
G.S.L.—Spokane Mining Co. Spokane mine. Gold, silver and lead. Shaft, 110 ft. Refractory ore. (Idle.)

HILL CITY, Pennington Co. Pop. 479. M.O. Tel. Ry. 99.
Tin—Allen, Coole & Co. Claim.
Tin—Geo. Burr. Claim.
Tin—G. W. Coates. Claim.
Tin—Victor Courier. Claim.
Tin—John Good & Co. Claim.
Tin—Frank Hebert. Claim.
Gold—Joseph McClure, Linear. Tea mine. Steam.
Gold—McCullock & Stevens. Swan Lode mine. Slope.
Tin—J. Phelaw & Co. Claim.
Tin—E. Von Woehrmann & Bartley Bros. Claim.

IROQUOIS, Kingsbury Co. Pop. 183. M.O. Tel. Ry. 160.
Sur.—B. S. Wheeler, Deputy State and County Surveyor.

KEYSTONE, Pennington Co. Ry. Hermosa, 322. Banking town Rapid City.
G.S.—Bismarck Mining Co. Gold and silver.
Conc.—Grant & Wilcox Concentrator.
G.S.—Ida Florence Mining Co. Gold and silver.
Gold—Keystone Consolidated Mg. Co., Rapid City. (Developing.)
Stp.M.—Keystone Custom Mill Co. Stamp mill.
G.S.—Keystone Mining Co. Gold and silver.
Gold—Manion & Wilson. Bullion mine. Shafts, 100 and 340 ft. 2,000 tons; 200 days; 7 employes.
As.M.E.—S. D. Porter, Assayer and Mining Engineer. Graduate Western University, Pittsburg, Pa., 1870, C. E.
G.S.—Reed, Franklin & Blair. Keystone Lode mine. Gold and silver. Tunnel. Shaft. Free ore.
Gold—Sierth & Engle. Bismarck mine. Tunnel, 275 ft. 4,000 tons; 200 days.
Gold—D. N. Swanzey & Co. Big Hit mine. Shaft, 150 ft. 500 tons; 100 days; 5 employes.

LEAD, Lawrence Co. Pop. 2,581. M.O. Tel. Ry. 74; 99.
Gold—Caledonia Mining Co.
Gold—Collins & O'Leary. Lackawanna mine.
G.S.—Double Standard Mining Co. Gold and silver.
G.S.—Glenwood Gold & Silver Mining Co.
Gold—Golden Crown Mining Co. Halloran Bros., props. M. McAllen, gen. mgr.; Bert Moody, M. E. Golden Crown mine. Tunnel, 500 ft. Refractory and free ore. 3,600 tons. Mule cars. James Corcoran, mine supt.
G.S.—Golden Star Mining Co. Gold and silver.
G.S.—Hartford Gold & Silver Mining Co.
G.S.—Highland Mining Co. Gold and silver.
Gold—Homestake Mining Co. J. B. Haggin, pres. Stamp mill. Steam.
G.S.—Kimberly Gold & Silver Mining Co.
G.S.—Lucile Gold & Silver Mining Co.
G.S.—Moffit Mining & Milling Co. Gold and silver.
G.S.—Monroe Mining Co. Gold and silver.
C.M.E.—Burdett Moody, Civil and Mining Engineer. Engineer for Homestake and Associated Mining Co.'s. Mining Surveys and Reports. Hydraulics, etc.
Gold—Pierce Gold Mining Co.
G.S.—Pluma Mining Co. Gold and silver.
G.S.—Providence Mining Co. Gold and silver.
Gold—Revenue Gold Mining Co.
Tin—Rhinebaater & Co. Claim.
G.S.—Ruby Gold & Silver Mining Co.
G.S.—St. John Mining Co. Gold and silver.
G.S.—St. Paul Mining Co. Gold and silver.
Gold—J. J. Schlawig.
Asy.—Schnitzel & Danckwardt. Assayers.
G.S.—Tomado Consolidated Gold & Silver Mining Co.
G.S.—Troy Mining Co. Gold and silver.

MADISON, Lake Co. Pop. 1,740. M.O. Tel. Ry. 174.
C.E.—W. R. Smythe, Civil Engineer and Surveyor.

PACTOLA, Pennington Co. Pop. 25. Banking town and Ry. Rapid City, 160.
Gold—Omega Gold Mines, 108 Fulton st., New York. Low grade free milling ore. 2 employes. 15-stamp mill. Concentrators. Geo. W. Clark, mine supt. and buyer. (Developing.)

PERRY, Lawrence Co. Pop. 75. Ry. 74.
G.S.—Imogene Merritt. East Discovery Group mine. Shaft, 40 ft. Tunnel, 50 ft. Refractory ore.
G.S.—Wilson M. Merritt. Discovery Group mines. Shaft, 60 ft. Tunnel, 100 ft. Refractory ore. Wide World mine. Gold and silver. Shaft, 50 ft. Tunnel, 50 ft. Free ore. (Developing.)

PIEDMONT, Meade Co. M.O. Tel. Ry. 74; 322.
Stone—Piedmont Improvement Co.

PRINGLE, Custer Co. Tel. Ry. 99.
Mica—Consolidated Mica Co. Sun Dog mine. Shaft.

RAPID CITY, Pennington Co. Pop. 2,128. M.O. Tel. Ry. 236a; 322.
Tin—Black Hills Mining Co. Claim.
Tin—Black Hills Mining & Smelting Co. Claim.
Gold—A. C. Boland.
Tin—Francis & Co. Claim.
G.S.—Holy Terror Mining Co. Gold and silver.
G.S.—Homestead Mining Co. Gold and silver.
Gold—Keystone Consolidated Mining Co. V. T. Price, pres.; Jno. R. Brennan, v. pres.; A. E. Wallace, secy.; Jas. Halley, treas.; A. J. Simmons, gen. mgr. Cap. stk. $3,000,000. Mine at Keystone.
M.D.Min.—V. T. McGillycuddy, M. D. President State School of Mines. Graduate Detroit Medical College. Chief Topographer on the Black Hills Survey in 1875, and Topographical Engineer on the Survey of the 49th Parallel in 1874.
Gyp.—Midland Mining & Development Co. Gypsum. Mill.
Stone—Felix Pozmanzsky.
Stone—E. M. Reeves.
Tin—Scott & Ward. Claim.
Met,M.E.—Frank Clemes Smith, Metallurgical and Mining Engineer. Especial attention given to the examination and development of mines and the metallurgical treatment of ores.
Marb.—Stannard Marble Co. Marble.
Stone—T. Sweeney.
Tin—Sweeney & Co. Claim.
As.Met.—William F. Tindall. Instructor in Assaying and Metallurgy, State School of Mines. Associate of Royal School of Mines, London, England, 1886.
Tin—Woods & Co. Claim.

ON RAPID CREEK, Pennington Co.
Gold—Big Bend Hydraulic Co., 108 Fulton st., New York. Placer claims. Dam on Rapid Creek; 3,000 inches; 2 miles flumes and ditches. (Idle.) Address communications to New York.

REDFIELD, Spink Co. Pop. 796. M.O. Tel. Ry. 160; 174.
C.E.—B. E. Lovejoy, Civil Engineer. State Surveyor and County Surveyor of Spink County.

ROCKFORD, Pennington Co. Pop. 48. M.O. Tel. Ry. 99. Banking town, Deadwood.
Stone—C. H. Enos.
Gold—Standby Quartz Mill.

ROWENA, Minnehaha Co. Pop. 126. Tel. Ry. 381.
Gran.—Minnehaha Granite Co., 311, 84 La Salle St., Chicago. 600 cars.
Gran.—Rowena Granite Co. Granite.

SILVER CITY, Pennington Co. Banking town and Ry. Rapid City, 160.
G.S.—Wm. Banks. Gold and silver.
G.S.—John Currans. Gold and silver.
G.S.—Mark Duggan. Gold and silver.
G.S.—John Gonnan. Gold and silver.
G.S.—Thos. Gonnan. Gold and silver.
G.S.—Geo. Lang. Gold and silver.
G.S.—J. M. Merwin. Gold and silver.
G.S—Henry Morrow. Gold and silver.

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SILVER CITY—Continued.
G.S.—Samuel Morrow. Gold and silver.
G.S.—Jas. Murray. Gold and silver.
G.S.—John Murray. Gold and silver.
G.S.—John Thompson. Gold and silver.

SIOUX FALLS, Minnehaha Co. Pop. 10,177. M.O. Tel. Ry. 102; 174; 180; 346; 381.
Stone—Geo. Boardman.
Gran.—Drake Granite and Petrified Wood Co. Granite.
Stone—North Sioux Falls Stone Co.
C.E.—T. M. Patten, Civil Engineer.
Stone—Reid Bros.

SMITHWICKS, Fall River Co. Pop. 15. Tel. Ry. 322.
Stone—Black Hills Variegated Quarry Co.

SPEARFISH, Lawrence Co. Pop. 680. M.O. Tel. Ry. 99.
C.E.—A. S. Gates, Civil Engineer.
Gyp.—Ledeboer & Co. Cap. $5,000. Gypsum. 300 tons. 175 days. 4 employes. Water. Plaster mill, 5 tons daily capacity. Wm. Butler, quarry supt.
Stone—W. T. Powers.
G.S.—Rialto Mining Co. Gold and silver.
Gold—Spanish Ranch Mining Co. F. S. Ledeboer, v. pres.; W. H. Harlow, secy. Mine located at Carbonate mining camp, Lawrence Co. Estate of M. C. Corners, principal owner.

SPOKANE, Custer Co. Pop. 50. Banking town and Ry. Hermosa 160.
G.S.—J. R. Bobier. North Star mine. Shaft, 65 ft. Refractory ore. 200 days. 2 employes. Horse.
Silv.—W. L. Pike, Chedayne and Linus mines. Silver.
G.S.—John Rennington. Gold and silver.
G.S.—J. N. Wright. Gold and silver.

ON SQUAW CREEK, Lawrence Co. Ry. Morris 99.
G.S.—Frank S. Bryant, Carbonate. Blanquette, Achilles and Old Guard Group, mines. Refractory ore. 5 employes. (Developing.) Address communications to Carbonate.

STURGIS, Meade Co. Pop. 668. M.O. Tel. Ry. 322.
Gyp.—Black Hills Plaster Co. Gypsum. Open pit. Steam.

TERRAVILLE, Lawrence Co. Pop. 696. M.O. Tel. Banking town and Ry. Deadwood 99; 322.
Gold—Deadwood Terra & California Gold Mining Co.
G.S.—Golden Terra Mining Co. Gold and silver.

WHITEWOOD, Lawrence Co. Pop. 443. M.O. Tel. Ry. 322.
Stone—John Burke.
Stone—C. Kane.
Stone—William Selbie, Deadwood, S. Dak. Light, greyish yellow sandstone.

YANKTON, Yankton Co. Pop. 3,670. M.O. Tel. Ry. 160; 174; 346; 961a.
U.S.Sur.—E. H. Van Antwerp, Civil Engineer and U. S. Deputy Mineral Surveyor, Yankton National Bank Bldg.
Cem.—Western Portland Cement Co. Wm. Plankinton, pres.; Don J. Whittemore, v. pres.; John Johnston, secy. and treas.; J. Wilde, buyer. Cap. stk. $250,000. $155,000 pd. up. Cement mill, 40,000 bbls. Five miles of Ry.

TENNESSEE

AETNA, Hickman Co. M.O. Tel. Ry. 570. Banking town, Centerville.
B.Fur.—Central Iron Co., Nashville. Aetna furnace. Charcoal. Seven stacks, 55x11. Two Whitwell stoves. Pig iron, 18,000 gross tons. Brand "Aetna."
Phosp.—Southwestern Phosphate Co., Nashville. Tunnel and pit. Rock 60 to 70 per cent phosphate. 25,000 tons. 100 employes. Steam.

ALMY, Scott Co. Ry. Oneida 716. Banking town, Harriman.
B.Coal—Paint Rock Coal & Coke Co. A. J. Applebee, pres. and gen. mgr.; W. C. Farnum, v. pres.; Geo. R. Wright, secy.; L. D. Crowner, treas. and buyer. Cap. stk. $300,000 pd. up. Paint Rock mine. Tunnel, 2,200 ft. 60,000 tons. 200 days. 175 employes. Steam. Op. 4 miles ry. 1 locomotive.

ALTAMONT, Grundy Co. Pop. 67. Ry. Tracy City 570. Banking town, McMinnville.
Iron—Daniel Fultz.
Iron—W. A. Griswold.
B.Coal—John Koehler.

AMBRO, Grainger Co. Ry. Powder Springs, 436. Banking town Morristown.
Marb.—Columbia Marble Co., Knoxville. 40 employes. Steam. Marble mill 400 cub. ft. daily capacity.

ANDERSONVILLE, Anderson Co. Pop. 64. Ry. Clinton 838.
Onyx—Tennessee Onyx Co. Tennessee quarry.

BLUE SPRING STATION, Bradley Co. Pop. 50. Ry. 838. Banking town, Cleveland.
L.Z.—Blue Springs Mining Co., Market and 3d sts., Chattanooga. Blue Springs mine. Lead and zinc. Shaft and tunnels. Steam. Smelter 5 tons daily capacity.
L.Z.—Hardwick Lead Co., Cleveland. Hardwick mine. Lead and zinc. Shaft 200 ft. Steam. Smelter 50 tons daily capacity. J. H. Hardwick, supt.

BONAQUA, Hickman Co. Pop. 78. Ry. 570. Banking town, Dixon.
Stone—A. J. Griffin.

BRICEVILLE, Anderson Co. Pop. 1,354. M.O. Ry. 838. Banking town, Coalcreek.
B.Coal—Knoxville Iron Co., Knoxville. Cross Mountain mine. Tunnel, 3,600 ft. 100,000 tons; 200 days; 200 employes. Steam. W. L. Nelson, mine supt.

BRISTOL, Sullivan Co. Pop. 6,226. M.O. Tel. Ry. 90; 91; 608; 836; 838.
R.M.Fur.—Bristol Iron & Steel Co. Rolling mill and blast furnace.
Stone—J. A. Dickey & Co.
Iron—H. H. Haynes.
Copp.—J. F. Hicks & Co. Copper.
B.Coal—W. W. James & Co.

BYRDSTOWN, Pickett Co. Pop. 35. Ry. Rugby Road 716. Banking town, Livingston.
B.Coal—Jas. Alexander.

CARDIFF, Roane Co. Pop. 430. Ry. 193. Banking town, Rockwood.
B.Fur.—Cardiff Coal & Iron Co. Blast furnace.

CARYVILLE, Campbell Co. Pop. 224. Tel. Ry. 838.
B.Coal—J. C. Collins. Citizens' mine. Drift. (Local.)
B.Coal—Thos. Lindsay. (Local.)
B.Coal—Henry Miller. (Local.)
B.Coal—J. F. Smiddy. (Local.)
B.Coal—J. F. Wheeler. (Local.)
B.Coal—L. Wilson. (Local.)

CENTERVILLE, Hickman Co. Pop. 498. M.O. Tel. Ry. 570.
Phos.—Duck Creek Phosphate Co.

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CHATTANOOGA, Hamilton Co. Pop. 29,100. M.O. Tel. Ry. 7; 144; 143; 145; 193; 570; 838; 927.
Iron—Attalla Mining and Manufacturing Co. W. M. Nixon, pres. and treas.; G. W. Nixon. v. pres., sec. and gen. mgr. Cap. stk. $50,000, pd. up. Op. 5 miles railroad; 25 cars. Mines at Crudup, Attalla and Eureka, Alabama.
L.Z.—Blue Springs Mining Co., Market and 3d sts. S. W. Divine, pres., treas. and buyer; B. J. Allin, v. pres.; W. H. Cocking, M. E. gen. mgr. Cap. stk. $100,000; $50,000 pd. up. Lead and zinc. Mines at Blue Springs.
Roll.M.—Central Iron Co., Nashville. Rolling mill, 10 heating furnaces, 1 hammer and 3 trains of rolls, two 18 and one 20½-inch. Open hearth. Two 10-gross ton Siemens furnaces, 12 gas producers and one 36-inch Fritz blooming mill. Puddle mill.
Roll.M.—Chattanooga Iron Co. Rolling mill.
Marb.—Chattanooga Marble Co.
B.Fur.—Citico Furnace Co. Blast furnace.
B.Coal—Geo. M. Clark.
Attys.—Cooke, Swaney & Cooke, attorneys-at-law, 300-303 Richardson bldg. Refer to Third National Bank. Attorneys for Southern Railway and Memphis & Charleston R. R. Co. Notary in office.
B.Coal—Dade Coal Co.
B.Coal—Fox Coal & Coke Co., 9 Montague Blk. S. M. Winchester, pres.; C. S. Ward, secy.; J. E. Line, treas., gen. mgr. and buyer. Cap. stk. $100,000; $50,000 pd. up. Mine at Graysville.
B.Coal—Georgia Mining Co.
Roll.M.—Harriman Iron Co. H. S. Chamberlain, pres.; J. D. Roberts, v. pres. and gen. mgr.; O. L. Hurlbut, secy. Cap. stk. $100,000 pd. up. Works at Harriman.
Gold—Heflin Gold Mining Co.
Stone—Kelley Bros.
Iron—Kensington Iron & Coal Co., 729 Broad st. C. E. James, pres.; Franklin Harris, secy. Cap. stk. $500,000. Mine at Kensington, Ga.
Roll.M.—John Leighton & Sons. Rolling mill.
B.Coal—New Daisy Coal Co.
B.Coal—New Soddy Coal Co.
B.Coal—New York & New Orleans Coal Co.
B.Coal—Sale Creek Coal & Coke Co.
B.Coal—Soddy Coal, Iron & Railway Co. Mine at Soddy.
Stone—John Troutt. Stone Fort quarry. Limestone. Steam. Also quarry at Graysville.
B.Coal—Walden's Ridge Coal Co.
B.Coal—George W. Ware. Drift, self draining. (Developing.)

CLARKSVILLE, Montgomery Co. Pop. 7,195. M.O. Tel. Ry. 479.
I.Fur.—Gracey-Woodward Iron Co. Louise mine. Tunnel and open pit. Brown hematite ore. Steam. Blast furnace, stack 70x17. Three Whitwell stoves. Coke 36,000 tons.

CLEVELAND, Bradley Co. Pop. 2,865. M.O. Tel. Ry. 838.
Stone—J. W. Boyd.
Stone—Boyd & Miniks.
F.Clay—Cleveland Fire Brick Co. Fire clay.
Stone—Evans & Million Bros.
L.Z.—Hardwick Lead Co. Lead and zinc. Mine at Blue Springs.
F.Clay—J. W. Macquillan. Cap. $25,000. Fire clay, 3,000 tons; 300 days.

COALCREEK, Anderson Co. Pop. 1,865. M.O. Tel. Ry. 838.
B.Coal—Black Diamond Coal Co., Knoxville. Black Diamond mine. Operate 6 miles Ry.
B.Coal—Cambria Coal Co.
B.Coal—Empire Coal Co.
B.Coal—J. T. Evans.
B.Coal—Excelsior Coal Co.
B.Coal—Heck & Petru Coal Co.
B.Coal—Knoxville Iron Co., Knoxville. Coal Creek mine. Tunnel, 5,800 ft. 90,000 tons; 300 days; 130 employes. Horse.
B.Coal—Royal Coal & Coke Co., Knoxville.
B.Coal—Shamrock Coal Co.

CONCORD, Knox Co. Pop. 271. M.O. Tel. Ry. 838. Banking town, Knoxville.
Marb.—O. Brown. Marble.
Marb.—Concord Marble Co.
Marb.—Gem Marble Co.
Marb.—J. W. Harvey. Marble.
Marb.—Kincaid Marble Co.
Marb.—Lima & East Tennessee Quarrying Co. Marble.
Marb.—Republic Marble Co.

COWAN, Franklin Co. Pop. 624. M.O. Tel. Ry. 570. Banking town, Winchester.
B.Fur.—Tennessee Coal, Iron & Railroad Co., Nashville. Sewanee furnace. Coke. One stack, 75x16. Three Whitwell stoves. Pig iron. 36,000 gross tons. Brand "Sewanee."

CROSSVILLE, Cumberland Co. Pop. 266. M.O. Banking town and Ry. Rockwood 716.
Stone—B. McGuire.
B.Coal—Phillipsburg Land Co. Albany mine. Open pit.

CUMBERLAND FURNACE, Dickson Co. Pop. 79. Tel. Ry. 479. Banking town, Dickson.
B.Fur.—Central Iron Co., Nashville. Cumberland furnace. Charcoal. One stack, 60x11. Two Gordon stoves. Pig iron, 15,000 gross tons. Brand "Warner."

DAISY, Hamilton Co. Pop. 370. M.O. Ry. 193. Banking town, Chattanooga.
B.Coal—Daisy Coal Co.

DAYTON, Rhea Co. Pop. 2,719. M.O. Tel. Ry. 193; 241a.
B.Coal—Dayton Coal Co.
B.Fur.—Dayton Coal & Iron Co. Blast furnace.
B.Coal—Geo. Furman.
A.Coal—J. F. Pickett. M.E. Oliver mine. Tunnel. 4,000 tons; 300 days; 8 employes.

DECATURVILLE, Decatur Co. Pop. 249. M.O. Ry. Perryville 647. Banking town, Lexington.
Iron—Y. M. Cavinte.
Stone—W. H. Trick & Co.

DUCKTOWN, Polk Co. Pop. 221. M.O. Tel. Ry. 502. Banking town, Cleveland.
Copp.—Burra-Burra Co. Copper.
Copp.—Pittsburg & Tennessee Copper Co., 3222 Penn Ave., Pittsburg, Pa. Shafts, 180 ft.; 500 tons; 300 days. Steam. One locomotive; 8 cars.

EBENEZER, Knox Co. Pop. 54. Ry. 838. Banking town, Knoxville.
Marb.—Cedar Bluff Marble Co., Knoxville.

ELK VALLEY, Campbell Co. Tel. Ry. 838. Banking town, Jellico.
B.Coal—Elk Valley Coal and Iron Co. Tunnel. Horse.

ELMWOOD, Smith Co. Ry. Gordonsville 569. Banking town, Carthage.
B.Coal—T. A. Pope. (Local.)

EMBREVILLE, Washington Co. M.O. Ry. 838. Banking town Jonesboro.
Iron—Embreville Freehold Land Iron Railway Co.
B.Fur.—Embreville Furnace. Blast furnace.

EMORYGAP, Roane Co. Pop. 386. Tel. Ry. 193.
B.Coal—T. J. Brown. (Local.)
B.Coal—Wm. & H. Goddard. (Local.)
Stone—J. A. Tidwell. (Local.)

EVENSVILLE, Rhea Co. Pop. 170. Tel. Ry. 193. Banking town, Spring City.
B.Coal—J. T. Darwin. Darwin mine. Slope and drift.
Iron—W. C. Gossett. Payne mine. Red fossil. Open pit.
B.Coal—David Hughes. (Local.)
B.Coal—Chas King. (Local.)
B.Coal—Wm. Mills. (Local.)
B.Coal—John Smith. (Local.)

FAIRFIELD, Bedford Co. Pop. 46. Banking town and Ry. Wartrace 570.
Gold—N. O. Foster.

GAP CREEK, Knox Co. Banking town and Ry. Knoxville. 319; 434; 436; 502; 838.
S.L.—D. D. Datemonel. Silver and lead.
G.S.—Wiley & Cunningham. Gold and silver.

GILLENWATER, Hawkins Co. Pop. 69. Banking town and Ry. Rogersville 838.
B.Coal—Isenburg & Co. (Local.)

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GLENMARY, Scott Co. Pop. 248. M.O. Tel. Ry. 193. Banking town, Harriman.
B.Coal—Glenmary Coal Co.

GOODRICH, Hickman Co. Pop. 358. Tel. Ry. 570. Banking town, Centerville.
B.Fur.—Central Iron Co., Nashville. Warner furnace No. 2. Charcoal. Stack, 45x9. Pig iron, 18,000 gross tons. Brand "Warner."

TRAYSVILLE, Rhea Co. Pop. 389. M.O. Ry. 193. Banking town, Dayton.
B.Coal—Fox Coal & Coke Co., 9 Montague Blk., Chattanooga. Tunnel, 2,000 ft.; 7,000 tons; 300 days; 60 employes. Twenty coke ovens. Three miles Ry.; one locomotive. J. H. Cross, mine supt.
B.Coal—Piedmont Coal Co.
Stone—John Troutt, Chattanooga. Graysville Brown sandstone quarry. Open pit. Steam.

HARRIMAN, Roane Co. Pop. 716. M.O. Tel. Ry. 363; 838.
Roll.M.—Duke & McCoy. Rolling mill.
Roll.M.—Harriman Iron Co., Chattanooga. 20 single puddling, 3 heating furnaces; 3 trains rolls, 18, 16 and 8-inch. 9,000 tons merchant bar; light T rails and angle bars. Alfred Schofield, mill supt.
Roll.M.—Lookout Iron Co. Rolling mill.
Roll.M.—J. D. Roberts. Rolling mill.

HARTRANFT, Claiborne Co. Ry. Middleboro, Ky., 602. Banking town, Cumberland Gap.
B.Coal—Fort Ridge Coal & Coke Co. John Sanderson, pres.; Philip C. Swab, v. pres.; J. Cochill, secy.; Thomas Atkinson, treas., gen. mgr. and buyer. Fork Ridge mine. Drift. 75 employes. Steam. Thomas Pruden, mine supt.
B.Coal—Reliance Coal & Coke Co. Reliance mine. Horse.

HELENWOOD, Scott Co. Pop. 300. M.O. Tel. Ry. 193. Banking town, Somerset, Ky.
B.Coal—Ridgeway, Spankle & Co.

IRON HILL, Rhea Co. P.O. Lucknow. Ry. 869.
Iron—Franklin Iron Mining Co.

JASPER, Marion Co. Pop. 902. M.O. Tel. Ry. 570.
B.Coal—Sequachee Valley Coal Co.
B.Coal—A. L. Spears. (Local.)

JELLICO, Campbell Co. Pop. 758. M.O. Tel. Ry. 404; 479; 838.
B.Coal—Elk Valley Coal & Iron Co.
B.Coal—Indian Mountain Jellico Coal Co. Knoxville.
B.Coal—Proctor Coal Co.
B.Coal—Southern Coal Association.

JOHNSON CITY, Washington Co. Pop. 4,161. M.O. Tel. Ry. 278; 628; 838.
R.M.Fur.—Carnegie Iron Co. Rolling mill and blast furnace.

JONES MILLS, Dekalb Co. Pop. 23. Ry. McMinnville 570. Banking town, Smithville.
Iron—Aetna Iron Co.
Stone—I. J. Brown.
Stone—John Cothans.
Stone—A. J. Depriest.
Stone—Geo. Goodman.
Stone—W. D. Humphrey.

KELLYS FERRY, Marion Co. Ry. 869.
B.Coal—McNabb Coal & Coke Co.
B.Coal—T. P. Marshall & Co.
B. Coal—George Sexton. (Local.)
B.Coal—Joseph Skybe. (Local.)

KINGSTON, Roane Co. Pop. 858. M.O. Ry. Harriman 838.
Iron—Robert Sparks & Co. Welker mines. Round Island mine. Open pit. Red haematite. 40,000 tons; 275 days; 80 employes. Operate train; 1 steamer. W. Shubert, mine supt.

KNOTT, Meigs Co. Ry. 869. Banking town Dayton.
B.Coal—Hill & Kindrick. (Local.)
Iron—Tennessee River Iron Ore Co.

KNOXVILLE, Knox Co. Pop. 23,000. M.O. Tel. Ry. 319; 434; 436; 502; 838.
Min.Sp.—Chas. S. Ashton. Minerals and stone. Marble, onyx, gold, silver, zinc, iron, lead and copper properties; formerly held by the East Tennessee and North Carolina Mining Co. (Not operating.)
B.Coal—Black Diamond Coal Co., 608 Gay st. T. H. Heald, pres.; W. F. Searles, sec.-treas.; J. M. Andrews, gen. mgr. Mine at Coal Creek.

KNOXVILLE—Continued.
Marb.—Cedar Bluff Marble Co. Marble. Quarry at Ebenezer.
B.Coal—Coal Creek Coal Co. (Local.)
Marb.—Columbia Marble Co. L. W. Sherwood, pres.; West O'Harra, v. pres.; R. R. Rickly, treas.; D. D. Nicholas, gen. mgr. Cap. stk. $9,000, pd. up. Quarry at Ambro.
Marb.—Concord Quarry Co., 406 Jackson st. J. E. Hart, pres.; T. W. Keller, secy., treas., gen. mgr. and buyer. Cap. stk. $10,000, pd. up. Quarry at Concord.
Marb.—Craig Marble Co.
Slate—Georgia Slate Co.
Marb.—T. S. Godfrey Marble Co. Grayknox and Stinette quarries. 50,000 cub. ft.; 300 days; steam.
Marb.—Hart and Godfrey. Virgin quarry. Pink and grey marble. 10,000 cu. ft.; 300 days; 30 employes; steam. 6 gang marble mill. Zan Hart, quarry supt.
B.Coal—Indian Mountain Jellico Coal Co. J. C. Cawood, pres.; C. E. Ristew, secy.; Charles Livingston, gen. mgr. and buyer. Cap. stk. $25,000; $10,000 pd. up. Mine at Jellico.
C.I.—Knoxville Iron Co. Wm. P. Chamberlain, pres.; T. J. Stephenson, v. pres., gen. mgr. and buyer; O. A. Brown, secy and treas. Cap. stk. $300,000, pd. up. 3 heating, 13 puddling furnaces; 3 sets rolls, 8, 16 and 18-inch. Bar iron; 12,000 tons; 275 days; 175 employes; steam. D. A. Plant, mill supt. W. J. McNutt, selling agent. Coal mines at Coal Creek and Briceville.
Marb.—Phoenix Marble Co. Beach quarry. Marble mill. Steam.
Marb.—J. Edward Ross, 505 White ave., $10,000. Maiden's Blush quarry. Marble. 10,000 cub. ft.; 15 employes; steam. Operate ⅛ mile railroad; 2 cars; 1 steamer.
B.Coal—Royal Coal & Coke Co. Mine at Coal Creek.
B.Coal—Southern Jellico Coal Co. (Local.)
B.Coal—Standard Coal & Coke Co. Mines at Newcomb.
Marb.—Stinet Marble Co.
B.Coal—Tennessee Coal Mining Co. (Local.)
Marb.—Tennessee Producers' Marble Co. W. B. McMullen, pres., gen. mgr and buyer; John P. Spaulding, v. pres.; Jully R. Cornick, secy. Cap. stk. $1,000,000; $525,000 pd. up. Bond, McMullen Gray, Great Bend, Rosebud, Cloyd's Creek, Imperial, Coral, Cottrell and Second Tennessee quarries. Marble. Monumental and building stock, turned work and tiles. 100,000 cub. ft.; 250 days; 100 employes; steam. 24 gang mill; 250 cub. ft. daily cap. John H. Knox, quarry supt.
Atty.—Horace Van Deventer, attorney-at-law, 26 East Tenn. Nat. Bank Bldg. Specialties, corporation, real estate and commercial litigation.
M.E.—Hugh F. Van Deventer, mining engineer, 300 Temple ave.
Atty.—Jas. H. Welcker, attorney-at-law, room 15, Deaderick Bldg. Practice in state and federal courts.

LAFOLLETTE, Campbell Co. Ry. Caryville, 838.
B.Coal—Big Creek Job Iron & Coal Co.
B.Co.I.—La Follette Coal & Iron Co., 66 Broadway, New York. 38,000 acres coal lands; 7,000 acres iron ores—fee simple and warranty. 9 mines opened. 250 employes. Steam. Coke ovens, 1,000 tons an. cap.
B.Fur.—200 ton blast furnace and 45 miles ry. now building. E. Wilson, mine supt.

MANNIE, Wayne Co. Ry. 570. Banking town Clifton.
I.B.Fur.—Central Iron Co., Nashville. Mannie furnaces. Charcoal. Two stacks, 60x12. Two Gordon stoves. Pig iron, 36,000 gross tons. Brand, "Mannie." Mannie mine. Brown hematite. Open pit. Steam.

MARBLE SWITCH, Bradley Co. Ry. 838.
Marb.—J. W. Boyde. Marble.
Lead—John Winkley.

MEMPHIS, Shelby Co. Pop. 65,000. M.O. Tel. Ry. 151; 381; 412b; 414; 415; 473; 479; 506; 506a; 647; 771.
Stone—M. C. Darmondy.
Stone—Dewar, Grandison Co.
B.Coal—Galloway Coal Co.
G.S.—M. C. Humboldt. Gold and silver.
Marb.—Humphry Bros. & Mount. Marble.
Stone—J. Kastner.

MINGO, Claiborne Co. P.O. Hartranft. Ry. 521a.
B.Coal—Mingo Coal & Coke Co., Middlesboro, Ky. Mingo mine. Drift. 250,000 tons. Washer. Two hundred and seventy coke ovens, 100,000 tons.

MONTEAGLE, Grundy Co. Pop. 348. M.O. Tel. Ry. 570. Banking town McMinnville.
B.Coal—J. Anders & Bro.

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MOORESBURG, Hawkins Co. Pop. 78. M.O. Ry. Morristown, 838. Banking town Rogersville.
Marb.—Stamps' Star Marble Co. H. C. Kerber, secy., treas., gen. mgr. and buyer. Cap. stk. $100,000, $50,000 pd. up. Star quarry. 15,000 cu. ft.; 260 days; 35 employes. Steam.

MORGAN SPRINGS, Rhea Co. Ry. Dayton, 716.
B.Coal—M. Congham. (Local.)

NAPIER, Lewis Co. M.O. Ry. 479. Banking town Columbia.
Iron—Napier Iron Co. Napier mine. Brown Hematite. Open pit. Steam.

NASHVILLE, Davidson Co. Pop. 76,500. M.O. Tel. Ry. 479; 570.
Iron—Buffalo Iron Co.
Stone—J. J. Cain.
R.M.Fur.—Central Iron Co. Robert Ewing, pres.; J. A. Cooper, secy. and treas. Rolling mill at Chattanooga. Blast furnaces at Aetna, Cumberland Furnace P.O., Stribling, Warner, Goodrich and Mannie.
C.I.—Cleveland Coal & Iron Co.
Chem.—Wm. L. Dudley, Chemist, Vanderbilt University.
Attys.—Granbery & Marks, Attorneys at Law, American Bldg. Compilers of the Tennessee Laws for the RECORD.
Stone—W. H. Haslam.
B.Coal—Hecla Coal Co.
Stone—A. E. Howell.
Mech.E.—Wm. T. Magruder. Mechanical Engineer. Professor Vanderbilt University.
B.Fur.—Napier Iron Works. Blast furnace.
Stone—John Oman, cor. Oak & High Sts. Stone mill, 200 ft. daily capacity. Limestone quarry at Rockfield, Ky., and sandstone quarry at South Carrollton, Ky.
Iron—Southern Iron Co. Mines at Mannie.
Phos.—Southwestern Phosphate Co. Jno. P. Williams, pres.; Joseph Warner, v. pres.; J. A. Cooper, secy. and treas.; S. M. Ward, gen. mgr.; S. H. Bryan, buyer. Cap. stk. $125,000, $60,000 pd. up. Mine at Aetna.
B.Fur.—Tennessee Coal, Iron & Railroad Co. N. Baxter, Jr., pres.; H. F. De Bardeleben, Bessemer, Ala., 1st v. pres.; T. H. Aldrich, Birmingham, Ala., 2d v. pres. and gen. mgr.; D. Roberts, Bessemer, Ala., 3d v. pres.; James L. Gaines, asst. gen. mgr. for Tennessee; G. B. McCormack, Birmingham, Ala., asst. gen. mgr. for Alabama; James Bowron, secy. and treas.; H. D. Cooper, auditor and asst. secy.; S. Kirkpatrick, pur. agt. for Tennessee; Rogers, Brown & Co., selling agents. Blast furnaces at Cowan and So. Pittsburg, and Bessemer, Oxmoor, Birmingham and Ensley, Ala.
C.E.—John Wilkes, Civil Engineer, 2118 West End ave.

NEWBURG, Lewis Co. Pop. 27. Ry. Kimmins, 570. Banking town Columbia.
Gold—E. L. Barnes.
Iron—J. B. Bond.
G.S.—Wm. Grinder. Gold and silver.
Iron—B. Hensley.
Lead—E. Hensley.
Iron—Daniel Himes.
Gold—John Johnson.
Iron—J. W. Rider.
Gold—S. L. Weatherly.

NEWCOMB, Campbell Co. Pop. 264. Tel. Ry. 838. Banking town Jellico.
B.Coal—Falls Branch Jellico Co.
B.Coal—Pine Mountain Coal Co.
B.Coal—Standard Coal & Coke Co. Tunnels. Horse.

NEW MARKET, Jefferson Co. Pop. 302. M.O. Tel. Ry. 838. Banking town Mossycreek.
Zinc—Ingalls Zinc Co., Ingalls, Ind. Ingalls mine. 75 tons per day.
Zinc—J. G. Lang.

OLIVER SPRINGS, Anderson Co. Pop. 643. M.O. Tel. Ry. 838. Banking town Harriman.
B.Coal—Indian Creek Coal Co.
B.Coal—Oliver Coal Co. W. D. Richards, pres.; J. R. Richards, secy.; D. C. Richards, treas.; Joseph Richards, M. E., gen. mgr. and buyer. Richards mine. Drift. 36,000 tons; 240 days; 60 employes. Horse.
B.Coal—Winter Gap Coal Co.

OOLTEWAH, James Co. Pop. 233. M.O. Tel. Ry. 838. Banking town Cleveland.
Lm.St.—Thatcher Lime & Stone Works. Limestone. Open pit. Lime kiln. 2,000 tons.

PALMYRA, Montgomery Co. M.O. Ry. 479. Banking town Clarksville.
Lime—Palmyra Lime Co. Capacity, 70 bbls. daily.

PINKNEY, Lawrence Co. Ry. 479.
Iron—Smith & Sharpe Mining Co., Dayton, Ohio.

PIONEER, Campbell Co. Pop. 225. Tel. Ry. 838. Banking town Jellico.
B.Coal—Pioneer Coal Co.

POWDER SPRINGS GAP, Grainger Co. P.O. Clear Springs. Ry. Washburn, 436.
Marb.—Cambria Marble Co.

RETRO, Hamilton Co. Ry. 193. Banking town Chattanooga.
B.Coal—Henderson & Co. (Local.)

ROBBINS, Scott Co. Pop. 156. M.O. Tel. Ry. 193. Banking town Somerset, Ky.
Gran.—Tennessee Granite Paving Co.

ROCKDALE, Maury Co. Ry. 479. Banking town Columbia.
B.Fur.—King Furnace Co. Blast furnace.

ROCKWOOD, Roane Co. Pop. 2,430. M.O. Tel. Ry. 193; 746.
B.Fur.—Roane Iron Co., Chattanooga. Rockwood furnaces. Two stacks, one 65x15, one 70x16. Coke. Pig iron, 60,000 gross tons. Brand, "Rockwood."

ROGERSVILLE, Hawkins Co. Pop. 1,153. M.O. Tel. Ry. 838.
Marb.—James Cooper. Cap. $20,000. Gem quarry. Variegated marble. 12,000 cubic ft.; 146 days; 12 employes.
Stone—Hayter Bros.
Stone—Hounshell & Co.
Stone—W. D. Kenner.
Marb.—Jno. M. Pierce. Kingston quarry. Marble.
Stone—Price & Hayter.
Stone—Rogan & Riley.
Stone—W. D. Russell & Co.

ROME, Smith Co. Pop. 310. Banking town and Ry. Carthage, 569.
Stone—J. H. Connor.

SEWANEE, Franklin Co. Pop. 428. M.O. Tel. Ry. 570. Banking town Winchester.
B.Coal—David Anderson. (Local.)
B.Coal—Jas. Anderson. (Local.)
B.Coal—John Anderson. (Local.)
B.Coal—J. W. Anderson. (Local.)

SODDY, Hamilton Co. Pop. 1,173. Ry. Rathburn, 716. Banking town Chattanooga.
C.I.—Soddy Coal, Iron & Railway Co., Chattanooga. Soddy mine. Tunnel. Steam.

SOUTH PITTSBURG, Marion Co. Pop. 1,479. M.O. Tel. Ry. 570.
B.Coal—Houston, McDaniel & Co. Old Battle Creek mine. Drift.
B.Coal—B. F. Patton. (Local.)
B.Coal—R. M. Payne. Poplar Springs mine. Slope. 2,000 tons; 200 days. (Developing.)
Stone—South Pittsburg Consolidated Building Co.
B.Fur.—Tennessee Coal, Iron & Railroad Co., Nashville. So. Pittsburg furnaces. Coke. Three stacks, two 70x18 and one 75x17. Ten Whitwell stoves. 120,000 gross tons. Pig iron. Brand, "S. P."

SOUTH WATAUGA, Carter Co. P.O. and Ry. Watauga, 838.
Iron—East Tennessee Mining Co.
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SPARTA, White Co. Pop. 712. M.O. Tel. Ry. 570.
B.Coal—Bon Air Coal & Coke Co.

SPRING CITY, Rhea Co. Pop. 598. M.O. Tel. Ry. 193.
Iron—W. M. Snyder.
B.Coal—J. L. Wierick. (Local.)

STANDING STONE, Putnam Co. P.O. and Ry. Monterey, 569.
Stone—T. J. Whitaker.

STRIBLING, Stewart Co. Ry. 479. Banking town Dover.
B.Fur.—Central Iron Co., Nashville. La Grange furnace. Charcoal. One stack, 65x12. Pig iron, 18,000 gross tons. Brand, "La Grange."

SUMMERTOWN, Lawrence Co. Pop. 157. M.O. Tel. Ry. 479. Banking town Lawrenceburg.
Iron—A. H. Kidd.
Stone—J. Poland.

TATESVILLE, Grundy Co. Pop. 27. Ry. Tracy City, 570.
Sur.—H. Overturf, Surveyor.

TAZEWELL, Claiborne Co. Pop. 342. M.O. Tel. Ry. 436. Banking town Cumberland Gap.
Lime—Tazewell Cement Lime Co.

TRACY CITY, Grundy Co. Pop. 1,950. M.O. Tel. Ry. 570. Banking town Tullahoma.
M.E.—Chas. E. Bowron. Grad. Eng. dept. Vanderbilt Univ., Nashville, 1891. Mem. Am. Inst. M. E., Ass. So., Alabama Indust. & Scien. Soc. (vice pres't. 1895.) With Tennessee Coal, Iron and Ry. Co., Birmingham, Ala.
B.Coal—Tennessee Coal, Iron and Railroad Co., Birmingham, Alabama. Sewanee mines. Drifts. 400,000 tons. Steam. 3 washing plants; 3 tipples; 444 coke ovens, 150,000 tons. 1⅛ miles ry.; 1 locomotive. E. O. Nashurst, mine supt.; Chas. E. Bowron, M. E. and division supt.
B.Coal—John Tidman. (Local.)

VICTORIA, Marion Co. Pop. 259. Tel. Ry. 570. Banking town South Pittsburg.
B.Coal—John Frater. (Local.)

WARNER, Hickman Co. M.O. Ry. 570. Banking town Centerville.
B.Fur.—Central Iron Co., Nashville. Warner furnace, No. 1. Charcoal. Stack, 55x11. Pig iron, 18,000 gross tons. Brand, "Warner."

WELKER, Roane Co. Ry. 363.
B.Coal—Richards & Howards. (Local.)
Iron—Roane Iron Co., Chattanooga.
Iron—Roberts, Sparks & Co. J. D. Roberts, pres.; S. P. Sparks, vice pres. and treas.; V. D. Sparks, secy.; Geo. W. Parks, gen. mgr.; J. A. Roberts, M. E., buyer. Cap. stk. $50,000, $20,000 pd. up. Eureka mine. Tunnel and open pit. Red hematite. 20,000 tons; 250 days; 60 employes. Operate 6 miles ry.; 1 locomotive; 20 cars; 1 steamer. Also mine at Kingston.

WESTPOINT, Lawrence Co. Pop. 169. Tel. Ry. 479. Banking town Pulaski.
Iron—West Point Mining & Manufacturing Co.

WHITESIDE, Marion Co. Pop. 533. M.O. Tel. Ry. 570. Banking town Chattanooga.
B.Coal—D. B. Pillsbury. (Local.)

TEXAS

ABILENE, Taylor Co. Pop. 3,194. M.O. Tel. Ry. 873.
B.Coal—Beasley & Larsetter.
Lime—J. R. Jones.
Lime—Lingo, Burton & Co.
Lime—T. M. Richards.
Lime—F. Stinchcomb.

ALAMO MILLS, Cass Co. Pop. 54. Ry. Alamo, 873. Banking town Atlanta.
B.Coal—Alamo Coal Mining Co.

ALICE, Nueces Co. M.O. Tel. Ry. 513; 788.
I.L.S.—W. Benton. Iron, lime and silica. Mines at Ynde, Mexico.

ATASCOSA, Bexar Co. Pop. 116. Ry. Strumberg, 388.
Stone—E. B. Pine.
L.F.Clay—E. B. Pue. Lignite and fire clay. Mines at Strumberg.
Stone—Shultze & Mayer.
B.Coal—F. G. Tensley. (Local.)

AUSTIN, Travis Co. Pop. 15,000. M.O. Tel. Ry. 45; 374; 388.
Lime—Austin White Lime Co.
Geol.—E. T. Dumble. State Geologist.
Stone—J. S. Simpson, Oak Hill. Oatmanville quarry. Limestone. 10,000 cu. ft.; 200 days; 5 employes.
Stone—P. C. Taylor, 404 Colorado St. Limestone. 300 days; 30 employes. Cement mill, 120 barrels daily capacity.
Stone—Wm. Walsh & Co. Limestone quarry and kilns at Round Rock.

BAIRD, Callahan Co. Pop. 850. M.O. Tel. Ry. 873.
Lime—P. Schwartz & Bro.

BANDERA, Bandera Co. Pop. 872. M.O. Ry. Boerne, 788. Banking town San Antonio.
Stone—Bandera Flagstone Co.
Stone—Bandera Quarry Co.

BARSTOW, Ward Co. Tel. Ry. 873. Banking town Pecos.
C.Hy.E.—D. S. Woods. Civil and Hydraulic Engineer.

BELEN, El Paso Co. P.O. Ysleta. Ry. 841. Banking town El Paso.
Stone—J. M. Padilla.

BOWIE, Montague Co. Pop. 1,486. M.O. Tel. Ry. 178; 316.
B.Coal—Bowie Coal Mine. (Local.)
B.Coal—Montague Coal Mining Co., Fort Worth. Montague No. 1 mine. Shaft, 150 ft. Steam. (Developing.) W. F. Nawatny, M. E., mine supt.

BRENHAM, Washington Co. Pop. 5,209. M.O. Tel. Ry. 356; 374.
Smlt.—Beaumier Bros. Smelter.

BROWNSVILLE, Cameron Co. Pop. 6,134. M.O. Tel. Ry. 732.
E.Sur.—J. J. Cocke, Engineer and Surveyor. Specialty: Locating Engineer for Railroads and Irrigation Works in Southwestern Texas.

BROWNWOOD, Brown Co. Pop. 2,176. M.O. Tel. Ry. 318; 356.
Stone—Addison Cross. Limestone.
Stone—W. A. Earp. Limestone.

BURNET, Burnet Co. Pop. 1,455. M.O. Tel. Ry. 45.
Lime—Alex. Fisher.
Sur.—Ealy J. Moses, County Surveyor. Auditor Texas Mutual Abstract Co., and General Land Agent.

CANNEL, Webb Co. Pop. 1,000. Ry. 733.
C.Coal—Cannel Coal Co., Laredo. Shaft, 140 ft. 90,000 tons; 300 days; 150 employes. Steam and compressed air. D. D. Davis, mine supt.

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CISCO, Eastland Co. Pop. 1,063. M.O. Tel. Ry. 874.
St.Lm.—J. J. Davis. Stone and lime.

CLEBURNE, Johnson Co. Pop. 3,280. M.O. Tel. Ry. 356.
Gold—Silver Pass Mining Co.

CLIO, Brown Co. Pop. 48. Banking town and Ry. Brownwood, 31.
G.S.—W. F. Elliott. Elliott mine. Gold and silver. Shaft. Free ore.

COLORADO, Mitchell Co. Pop. 1,585. M.O. Tel. Ry. 873.
B.Coal—Beal, Brennard & Gary.
Salt—Lone Star Salt Co., Dallas. Well. Steam.
Salt—Texas Salt Co. Well.

COMANCHE, Comanche Co. Pop. 1,226. M.O. Tel. Ry. 318.
Lime—L. C. Boynton.
Lime—Cameron & Smith.
Stone—P. Moody. Sandstone.

CORLEY, Bowie Co. M.O. Ry. 775. Banking town Texarkana.
B.Coal—Edward Elliott. (Local.)

DALLAS, Dallas Co. Pop. 38,100. M.O. Tel. Ry. 356; 374; 873; 878.
B.Coal—Cavanal Coal, Coke & Railway Co., 304 Main St. J. S. Fowlkes, pres. and buyer; J. T. Elliott, v. pres.; E. A. Stuart, secy.; W. H. Gaston, treas.; C. H. Alexander, gen. mgr. Cap. stk. $500,000, pd. up. Mine at Poteau, Ind. Ter.
B.Coal—Choctaw Coal Co.
A.Coal—Kniffin Coal, Coke & Mining Co., 302 Security Bldg. H. L. S. Kniffin, pres. and treas.; S. W. Kniffin, v. pres.; C. Gordon, secy. Cap. stk. $100,000. Semi anthracite coal. Mine at Montreal, Ark.
B.Coal—National Coal & Mining Co., 406 Tex. Nat'l. Bank Bldg.
Cem.—G. W. Stubbs & Sons. Cement.

DECATUR, Wise Co. Pop. 1,746. M.O. Tel. Ry. 316.
Stone—S. T. Bealock.
B.Coal—Henry Greathouse. (Local.)
Stone—Ed. Johnson.
B.Coal—Wise County Coal Co. Shaft.

DELEON, Comanche Co. Pop. 364. M.O. Tel. Ry. 874.
Stone—W. M. Barton.
Lime—Campbell & Horn.

DENISON, Grayson Co. Pop. 10,960. M.O. Tel. Ry. 374; 540; 873.
Roll.M.—Dennison Rolling Mill Co. Rolling mill.
Lime—S. G. Knauer.

EAGLE PASS, Maverick Co. Pop. 2,729. M.O. Tel. Ry. 841.
B.Coal—Eagle Pass Coal Co.
B.Coal—Maverick County Coal Co. F. H. Hartz, pres., treas. and gen. mgr.; R. Musquiz, secy. Cap. stk. $15,000, pd. up. Shaft, 210 ft.

EL PASO, El Paso Co. Pop. 10,338. M.O. Tel. Ry. 31; 841; 873.
Stone—O. T. Bassett & Co. Limestone.
B.Coal—El Paso Gas Coal & Coke Co.
Smlt.—Mexican Ore Co. Smelter.
B.Coal—S. S. Sanger. (Local.)
Stone—Stacey & Payne. Limestone.

FLOYDADA, Floyd Co. M.O. Ry. Amarillo, 316.
Sur.—W. M. Massie, Surveyor and Abstracter.

FT. WORTH, Tarrant Co. Pop. 24,000. M.O. Tel. Ry. 178; 316; 318; 356; 374; 540; 775; 873.
Atty.—Bell & Randolph (Chas. K. Bell and J. C. Randolph), Attorneys at Law. Commercial, Corporation and Mining Law. Compilers of the Texas Laws for the RECORD.

FT. WORTH—Continued.
Lime—Fort Worth Lime Co.
B.Coal—Montague Coal Mining Co. Max Elser, pres.; Martin Casey, v. pres.; J. J. Roche, secy. and treas.; W. F. Nawatny, M. E., buyer and supt. Cap. stk. $500,000, pd. up. Mine at Bowie.
B.Coal—Texas & Pacific Coal Co.

GALVESTON, Galveston Co. Pop. 30,000. M.O. Tel. Ry. 327; 328; 356; 388; 513; 842a.
Stone—Chas. Clark & Co. Limestone.
B.Coal—Galveston Coal Co.

GORDON, Palo Pinto Co. Pop. 378. M.O. Tel. Ry. 873.
Stone—Wm. M. Gibbs. Sandstone.
Stone—T. S. McSpadden. Sandstone.
Stone—J. T. Wilbar. Gray sandstone. (Idle.)

GRANITE MOUNTAIN, Burnet Co. Tel. Ry. 45. Banking town Marble Falls.
Stone—C. O'Keefe.
Gran.—Texas Capitol Granite Co. Granite Mountain quarry. Steam.

HENRIETTA, Clay Co. Pop. 2,100. M.O. Tel. Ry. 316; 540.
Copp.—Lone Star Copper Co. Copper. Tunnel. Shaft.

HONEYGROVE, Fannin Co. Pop. 1,828. M.O. Tel. Ry. 356; 873.
Stone—Burger & Stevens. Limestone.
Stone—John Floyd. Limestone.

HOUSTON, Harris Co. Pop. 27,700. M.O. Tel. Ry. 328; 356; 374; 375; 388; 540; 788; 841; 877a; 879.
C.E.—Louis G. Hester, Civil Engineer.

JEFFERSON, Marion Co. Pop. 3,072. M.O. Tel. Ry. 877; 873.
Iron—Jefferson Iron Co. W. T. Atkins, pres.; R. E. Rowell, v. pres.; O. H. Schluter, secy. and treas. Cap. stk. $100,000. Open pit. Red hematite ore. Furnace, 50 tons daily capacity. (Idle.)
R.M.Fur.—Lone Star Iron Co. Rolling mill and blast furnace.

KERRVILLE, Kerr Co. Pop. 1,044. M.O. Tel. Ry. 788.
Stone—Parsons & Richards.

LAMBERT, Parker Co. Ry. 873.
Stone—A. F. Manning.

LAMPASAS, Lampasas Co. Pop. 2,408. M.O. Tel. Ry. 356.
Stone—Casbeer Bros.

LAREDO, Webb Co. Pop. 11,320. M.O. Tel. Ry. 388; 513; 733.
C.Coal—Cannel Coal Co. C. B. Wright, Jr., 142 S. 3rd St., Phila., Pa., pres. and buyer; H. L. Warne, secy. and treas. Cap. stk. $80,000, $60,000 pd. up. Mine at Cannel.
B.Coal—Laredo Coal Co.
B.Coal—Santo Tomas Coal Co.

LLANO, Llano Co. Pop. 812. M.O. Tel. Ry. 45.
Stone—J. K. Finley.
Stone—J. Goodman.
Iron—Llano Improvement & Furnace Co.
Gran.—Frank Teich, San Antonio. Bluish granite. 4,000 cu. ft. 8 employes. Mill at San Antonio.
I.C.—Wakefield Iron & Coal Land Improvement Co., Milwaukee, Wis. Magnetic ore. Shaft. Steam.

LOHN, McCulloch Co. Ry. Santa Ana, 31. Banking town Brady.
B.Coal—E. W. Harris. (Local.)

LYTLE, Atascosa Co. M.O. Tel. Ry. 388. Banking town San Antonio.
Lig.—Carr Coal Co., 929 Ave. C, San Antonio. Lignite. Lytle mine. Slope, 70 ft. 18,000 tons; 300 days; 30 employes. Steam.
Lig.—Oppenheimer Brick and Tile Co., San Antonio. Lignite. Slope and shaft, 75 ft. Steam.

MARBLE FALLS, Burnet Co. Pop. 587. M.O. Tel. Ry. 45.
Gran.—Capital Granite Co.
Stone—E. I. Heppenheimer.
Gran.—Marble Falls Granite Co. Granite.
Stone—Texas Mining & Improvement Co.

MARLIN, Falls Co. Pop. 2,058. M.O. Tel. Ry. 916.
B.Coal—T. W. Griffith & Co.

MERIDIAN, Bosque Co. Pop. 1,037. M.O. Tel. Ry. 356.
C.M.E.Sur.—H. M. Dillard, Civil and Mining Engineer and Surveyor.

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MOUNTAIN SPRING, Cooke Co. Ry. Pilotpoint, 540; 873. Banking town Gainesville.
B.Coal—Wm. Huey. (Local.)

NEW BIRMINGHAM, Cherokee Co. Pop. 668. M.O. Ry. 775.
B.Fur.—New Birmingham Iron & Improvement Co. of Texas. (Richard L. Coleman, prop'r.) One charcoal furnace. (Idle.)

OAKHILL, Travis Co. Pop. 116. Banking town and Ry. Austin, 45; 374; 388.
Stone—J. S. Simpson. Limestone. Quarry at Austin.

PALESTINE, Anderson Co. Pop. 5,840. M.O. Tel. Ry. 388.
Stone—B. F. Boyles. Limestone.

PECOS, Reeves Co. Pop. 395. M.O. Tel. Ry. 657; 873.
Stone—Pecos Red Sand Stone Co. C. F. Thomason, pres.; Pat. H. Durock, gen. mgr. Pecos quarry. Red sandstone. 49,000 ft.; 300 days; 22 employes.

PITTSBURG, Camp Co. Pop. 1,203. M.O. Tel. Ry. 775; 817.
Iron—Bessemer Iron Mining & Manufacturing Co.

QUANAH, Hardeman Co. Pop. 8,477. M.O. Tel. Ry. 316. Banking town Vernon.
Gyp.—Acme Cement Plaster Co. Gypsum.
Sur.—E. T. Flynt. Surveyor and Abstracter, Hardeman County.

QUEEN CITY, Cass Co. Pop. 672. M.O. Tel. Ry. 873. Banking town Atlanta.
Iron—Queen City Iron Co. Red and brown hematite ore. Open pit. Furnace. 25,000 tons.

ROCKCREEK, Parker Co. Tel. Ry. 925. Banking town Weatherford.
B.Coal—Texas Coal & Fuel Co., Weatherford. Rock Creek mine. Shaft, 140 ft. 50,000 tons; 275 days; 175 employes. Steam. Wm. Hamon, M. E., mine supt.

ROCKDALE, Milam Co. Pop. 1,505. M.O. Tel. Ry. 388; 788.
Stone—W. B. Moody. Limestone.
B.Coal—Rockdale Mining & Manufacturing Co. Shaft and open pit. Steam.
B.Coal—Santa Fe Mining Co.

ROUNDROCK, Williamson Co. Pop. 1,440. M.O. Tel. Ry. 388.
Stone—Wm. Walsh & Co., Austin. Limestone. Lime kiln, 500 barrels daily capacity.

RUSK, Cherokee Co. Pop. 1,385. M.O. Tel. Ry. 775.
R.M.Fur.—Cherokee Iron Co. Rolling mill and blast furnace.
B.Fur.—Old Alcade Furnace. Blast furnace.

SAN ANTONIO, Bexar Co. Pop. 37,900. M.O. Tel. Ry. 388; 788; 841.
Cem.—Alamo Cement Co.
Lig.—Carr Coal Co. (J. S. Carr, prop'r.), 929 Ave. C. Cap. $18,000. Lignite. Mine at Lytle.
M.E.—R. W. Carr. Mining Engineer, 929 Ave. C.
Lig.—Oppenheimer Brick & Tile Co. D. Oppenheimer, pres.; A. Oppenheimer, v. pres.; J. D. Oppenheimer, secy. and treas. Cap. stk. $50,000. Lignite. Mine at Lytle.
Gran.M.—Frank Teich. Cap. $23,000. Granite polishing mill. Quarry at Llano.
B.Coal—Texas Coal & Coal Mining Co.

SAN DIEGO, Duval Co. Pop. 1,877. M.O. Tel. Ry. 513.
B.Coal—Temple Bar Mining Co.

SANTA ANA, Coleman Co. Pop. 470. M.O. Tel. Ry. 356.
Stone—Golden Stone Co. Golden Stone quarry. Limestone. Slope. Mill.

SANTO, Palo Pinto Co. M.O. Tel. Ry. 873. Banking town Gordon.
Stone—J. W. Morris. Morris quarry. Sandstone.

SHAFTER, Presidio Co. M.O. Ry. Marfa, 841. Banking town El Paso.
Silv.—Cibola Creek Mill and Mining Co., San Francisco, Cal. Free milling ore. 400,000 oz. silver. 40 employes. Wm. T. Noyes, M. E., mine supt.
M.E.—Wm. T. Noyes. Mining Engineer.
Silv.—Presidio Mining Co., San Francisco, Cal. Shaft. Free milling ore. 330,000 ounces silver. 100 employes. 15-stamp mill.

SIERRA BLANCA, El Paso Co. M.O. Tel. Ry. 841; 873.
B.Coal—R. C. Crawford. Fannie M. mine. Shaft. (Local.)

SLIDELL, Wise Co. Ry. Decatur, 316. Banking town Denton.
B.Coal—Slidell Coal Co.

STEPHENVILLE, Erath Co. Pop. 909. M.O. Tel. Ry. 318.
Stone—Wm. Cameron & Co. Limestone. Lime kilns.
Stone—W. T. Long. Limestone.

STRAWN, Palo Pinto Co. Pop. 1,000. M.O. Tel. Ry. 873.
B.Coal—American Coal Mining Co. Joseph Laing, pres.; W. W. Johnson, v. pres.; Asa Grant, treas.; J. Rhea, gen. mgr.; W. M. Rinkardt, buyer. Cap. stk. $600,000. Shaft, 325 ft. 150,000 tons; 300 days; 300 employes. Steam.

TYLER, Smith Co. Pop. 6,910. M.O. Tel. Ry. 388; 775.
Roll.M.—Texas Iron Rolling Mill.

VAN HORN, El Paso Co. Tel. Ry. 873.
Stone—E. J. Simpson. Limestone.

WACO, McLennan Co. Pop. 15,000. M.O. Tel. Ry. 540; 775; 788; 874; 916.
B.Coal—W. D. Lacy. (Local.)

WEATHERFORD, Parker Co. Pop. 3,370. M.O. Tel. Ry. 356; 873; 925.
Stone—W. J. Franklin. Cohen quarry. Limestone.
Stone—J. H. Harburger. J. H. Harburger's quarry. Limestone.
Stone—W. A. Hutson. Rock Creek quarry. Sandstone.
Stone—Michael Solon. Limestone.
B.Coal—Texas Coal & Fuel Co. L. M. Fouts, pres. and gen. mgr.; E. R. Standish, v. pres. and treas.; E. P. Fouts, secy. and buyer. Mine at Rock Creek.

UTAH

ADAMSVILLE, Beaver Co. Pop. 28. Ry. Milford, 899. Banking town Richfield.
G.S.—J. T. Evans. Gold and silver.
Gold—Rees, Griffiths & Son.
Gold—T. M. Reese.
Gold—Chas. Rolfe.

ALPINE CITY, Utah Co. Pop. 423. Banking town and Ry. American Fork, 899.
G.S.—B. Bates. Gold and silver.
G.S.—R. W. Bennett. Gold and silver.
Lead—Lee L. Clark.
G.S.—W. Dundson. Gold and silver.
G.S.L.—Genette Mining Co. Genette mine. Gold, silver and lead. Tunnel, 50 ft. Smelting ore. 2 employes.
Lead—H. Healy.
Lead—R. W. Jones.
G.S.—S. Marsh. Gold and silver.
Gold—E. Nash.
Gold—W. Nash.
S.L.—Nettie Mining Co. Nettie mine. Silver and lead. Shaft. Refractory ore.
S.L.—J. G. Wilkin. Jeannette mine. Silver and lead. Slope.
Gold—Wilkin & Healy.

ALTA, Salt Lake Co. Pop. 210. P.O. Wasatch. Ry. 737. Banking town Salt Lake City.
S.L.—Emma Mining Co., Ltd., Salt Lake City. Emma mine. Silver and lead. Shaft and tunnel. Steam and compressed air.
Gold—M. T. Woods.

AMERICAN FORK, Utah Co. Pop. 722. M.O. Tel. Ry. 737; 899.
G.S.—American Fork Consolidated Gold & Silver Mining Co.
G.S.L.—F. H. Baley & Co. Gold, silver and lead.
Gold—W. H. Grant.
Gold—R. E. Hunter.
S.L.—Preston, Chapman & Kulkowski. Silver and lead.
G.S.—Treasure Consolidated Gold & Silver Mining Co.
Gold—Edward Weim.

ASHLEY, Uinta Co. Pop. 218. Ry. Price, 737. Banking town Provo City.
Copp.—Victoria Copper Mining Co.

BINGHAM, Salt Lake Co. P.O. Bingham Canyon. Tel. Ry. 737.
Conc.—Anchor Concentrating Co.
Gold—Bingham Gold Mines Co., Salt Lake City. Commercial mine. Tunnel. Refractory ore. 16,000 tons; 300 days; 15 employes. Steam. Stamp mill, 40 tons daily capacity.
G.S.L.—Butterfield Mining Co., Salt Lake City. Queen and Northern Chief mines. Gold, silver and lead. Free and smelting ore.
G.C.—O. B. Hardy, Salt Lake City. Starius and Amanda mine. Tunnel, 1,000 ft. Gold and copper. Smelting ore.
Conc.—Lead Mill Concentrator.
G.S.L.—Niagara Mining & Smelting Co., 1328 Chestnut St., Philadelphia, Pa. Tunnel, 2,900 ft. Gold, silver and lead. Free and refractory ore. 8,385 tons.

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BINGHAM—Continued.
G.S.L.C.—Old Jordan & Galena Mining Co., Salt Lake City. Forty-seven mines. Shaft, 235 ft. Tunnel, 11 miles. Gold, silver, lead and copper. Smelting ore. 50,000 tons; 300 days; 100 employes. Concentrator. Mill, 140 tons daily capacity. Steam. Operate 3 miles tramway; 26 cars. A. F. Holden, mine supt.
G.S.—Old Telegraph Mining Co. Gold and silver.
G.S.—Queen Mining Co. Gold and silver.
Gold—Spanish Mining & Milling Co.

BINGHAM CANYON, Salt Lake Co. Pop. 524. M.O. Tel. Ry. 737.
G.S.—A. N. Bemis. Gold and silver.
G.S.—Brooklyn Mining Co. Gold and silver.
G.S.—W. W. Davis. Gold and silver.
G.S.—Michael Gibbons. Gold and silver.
Gold—Daniel Heaston.
G.S.L.—Highland Mining Co., Salt Lake City. Highland and other claims. Gold, silver and lead. Shaft. Steam.
Gold—Jas. Judder.
Gold—Last Chance Mining Co.
Gold—South Galena Mining Co.
Gold—Telegraph Mining Co.
G.S.L.—York Mining Co., Salt Lake City. York mine. Gold, silver and lead. Slope. Steam.

BRIGHAM CITY, Boxelder Co. P.O. Boxelder. Tel. Ry. 841; 899.
U.S.Sur.—N. P. Anderson, U. S. Deputy Mineral Surveyor.

CAINEVILLE, Wayne Co. Pop. 26. Ry. Salina, 731. Banking town Nephi.
G.S.—J. F. Carrell. Gold and silver.
G.S.—Daniel Cook. Gold and silver.
G.S.—S. Farnsworth. Gold and silver.
Gold—E. K. Hanks.

CASTLEGATE, Carbon Co. M.O. Tel. Ry. 737. Banking town Provo City.
G.S.—Bald Mountain Mining Co. Gold and silver.
Gold—Mount Baldy Mining Co.

CEDAR CITY, Iron Co. Pop. 1,208. M.O. Tel. Ry. Milford, 899. Banking town Richfield.
Copp.—Adams & Bladen. Copper.
Lead—Bladen & Harris.
B.Coal—H. Leigh.
Gold—Lunt Bros. & Co.
B.Coal—T. Taylor.
B.Coal—Geo. Wood.

CLEAR CREEK, Utah Co. P.O. Tucker. Tel. Ry. 737.
Asph.—Wasatch Asphaltum Co., Culmer Blk., Salt Lake City. Asphaltic limestone cement. 100 tons daily capacity. W. H. Culmer, mine supt.

COALVILLE, Summit Co. Pop. 1,515. M.O. Tel. Ry. 899. Banking town Park City.
B.Coal—Chalk Creek Coal Mining Co., Salt Lake City. Chalk Creek mine. Shaft. Steam.
B.Coal—Home Coal Co., Salt Lake City. Wasatch mine. Shaft and tunnel. Steam.
B.Coal—James Robinson & Co.

COALVILLE—Continued.
B.Coal—C. H. Spriggs.
B.Coal—Weber Coal Department Ontario Silver Mining Co., Salt Lake City. Wasatch mine. Slope, 600 ft. 30,000 tons. Steam. T. J. Lewis, mine supt.
B.Coal—Wilson Bros.

DIAMOND, Juab Co. P.O. and Ry. Silver City, 737; 899.
G.S.L.—Buckeye Mining Co., Salt Lake City. Buckeye mine. Shaft, 105 ft. Gold, silver and lead. Refractory ore. 6 employes. Steam. J. W. Green, mine supt.
G.S.L.—Showers Mining Co., Salt Lake City. Joe Bowers mine. Shaft, 400 ft. Gold, silver and lead. Refractory ore. Horse.

EPHRAIM, Sanpete Co. Pop. 688. M.O. Tel. Ry. 737; 790; 795. Banking town Manti.
Stone—E. L. Parry & Sons, Manti. White Oolite quarry. Oolitic limestone. Sanpete quarry. Gray sandstone.

EUREKA, Juab Co. Pop. 1,740. M.O. Tel. Ry. 737; 899.
G.S.L.—Balthazar Christensen. Marion Consolidated mines. Tunnel and shaft, 200 ft.
Plutus mine. Tunnel, 300 ft. Silver and lead.
Medea Consolidated mines. Shaft and tunnel, 200 ft. Gold, silver and lead.
G.S.—Blue Rock Group Mines. Gold and silver.
G.S.L.—Bullion-Beck & Champion Mining Co., Salt Lake City. Bullion-Beck and Champion mines. Gold, silver and lead. Shaft. Steam. Concentrator.
Conc.—Bullion-Beck Concentrator.
G.S.—Butte Mining Co. Gold and silver.
G.S.L.C.—Centennial Eureka Mining Co., 203 Atlas Block, Salt Lake City. Shaft, 1,400 ft. Gold, silver, lead and copper. Free and refractory ore. 10,000 tons; 300 days; 100 employes. Steam and electricity. J. D. Kendall, mine supt.
Silv.—Denver & Ogden Mining Co., Ogden. Six patented silver claims; 92 acres.
Iron—Dragon Iron Mine.
G.S.—Eagle Mining Co. Gold and silver.
G.S.—Giant Tunnel Mining Co. Gold and silver.
G.S.L.—J. & J. H. McChrystal. Eureka mine. Gold, silver and lead. Shaft. Tunnel.
Gold—North Eureka Mining Co. North Eureka mine. Gold, silver and lead. Shaft.
G.S.—Northern Spy Mining Co. Gold and silver.
G.S.—Pasadena Mining Co., Salt Lake City. Pasadena mine. Gold and silver. Free ore. Tunnel.
Gold—Paxman Mining & Milling Co.
G.S.—Richmond & Anaconda Cons. Mining Co., Salt Lake City. Richmond and Anaconda Groups. Gold and silver. Shaft, 150 ft. Tunnel, 60 ft. Smelting ore. 200 days; 3 employes.
G.S.—George Ryan. Gold and silver.
Gold—Seneca Consolidated Co.
Conc.—Stockton Concentrator.
Gold—Tetro Mining Co. of Tintic, Salt Lake City. Tunnel.
Gold—Tintic Tunnel Co.
G.S.—West Cable Mining & Milling Co., 314-315 Progress Bldg. A. B. Sawyer, pres.; J. O. Gale, v. pres.; Geo. Ryan, secy., treas. and gen. mgr. Cap. stk. $1,500,000. West Cable and other mines. Gold and silver. Shaft, 330 ft. Free and refractory ore. 300 days; 8 employes.

FAIRFIELD, Utah Co. Pop. 129. Tel. Ry. 786a; 899. Banking town Lehi City.
G.S.—Sunshine Mining & Milling Co. Gold and silver.

FORT DUCHESNE, Uinta Co. M.O. Tel. Ry. Price, 737. Banking town Provo City.
G.S.—Culner Bros. Gold and silver.
Asph.—Salt Lake Gilsonite Co., Culmer Blk., Salt Lake City. Pariette quarry. W. H. Culmer, mine supt.

FRISCO, Beaver Co. Pop. 224. M.O. Tel. Ry. 899. Banking town Richfield.
C.M.E.—Andrew S. Anderson. Civil and Mining Engineer. Assayer. U. S. Deputy Mineral Surveyor for Utah.
S.L.—Cactus Mining Co. Silver and lead. Shaft and tunnel. Refractory ore.
S.L.—Galena Mining Co. A. S. Anderson, pres. and gen. mgr.; J. W. Dunn, v. pres.; Ph. Bentz, secy. and treas. Galena and Chloride mines. Shafts, 100 ft. Silver and lead. 300 days; 12 employes.
G.S.L.—Horn Silver Mining Co., Salt Lake City. Horn Silver mine. Shaft, 1,235 ft. Gold, silver and lead. Smelting ore. 18,000 tons; 300 days; 175 employes. Steam. Stamp mill, 200 tons daily capactiy. P. T. Farnsworth, mine supt.
L.S.—Morrison Bros. Lead and silver.

GALE, Salt Lake Co. Ry. West Jordon, 737. Banking town Salt Lake City.
Stone—W. J. Soffe.

GROVER, Wayne Co. Ry. Salina, 737.
C.M.E.—Henry Cullum. Civil and Mining Engineer.
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HUNTSVILLE, Weber Co. Pop. 705. Banking town and Ry. Ogden, 737; 899.
Gold—Adam Peterson.
Gold—Carl E. Peterson.

IRON CITY, Iron Co. P.O. Pinto. Ry. Milford, 899.
G.S.—Blair Mining Co., Salt Lake City. Blair mine. Tunnel. Shaft, 250 ft. Gold and silver. Free ore. (Idle.)

JUAB, Juab Co. Pop. 110. Tel. Ry. 899.
G.S.—M. Bross. Gold and silver.

JUNCTION, Utah Co. Ry. Jennings Spur, 737.
Stone—Kyune Graystone Co., Culmer Blk., Salt Lake City. Kyune quarry. Gray sandstone. 15,000 tons; 250 days; 10 employes. Steam and electricity. Four miles ry.

KINGSTON, Piute Co. Ry. Salina, 737. Banking town Richfield.
G.S.C.—Scott & Baalman. Barcelona mine. Gold, silver and copper. Shaft. Horse.
Gold—Fred Syrett & Co.

LEHI CITY, Utah Co. Pop. 1,012. M.O. Tel. Ry. 737; 899.
Onyx—Salt Lake City Onyx Co. of Utah, Salt Lake City.

MAMMOTH, Juab Co. Pop. 286. Tel. Ry. 899. Banking town Eureka.
G.S.—Gerber & Hofer. Hungarian mine. Gold and silver. Shaft. Tunnel.
G.S.L.—Mammoth Mining Co., Salt Lake City. Mammoth mine. Gold, silver, lead and copper. Shaft. Refractory ore. Steam.

MANTI, San Pete Co. Pop. 1,950. M.O. Tel. Ry. 737; 795.
Stone—E. L. Parry & Sons. Sanpete quarry. Gray sandstone.
Manti quarry. Oolitic limestone.

MAPLETON, Utah Co. Ry. 737. Banking town Springville.
Gold—Utah Gold Mining Co. of Colorado & Wyoming.

MARYSVALE, Piute Co. Pop. 78. M.O. Ry. Salina, 737. Banking town Richfield.
G.S.L.—Alma Mining & Milling Co., 265 State St., Salt Lake City. Alma Group. Shaft, 90 ft. Tunnel, 1,000 ft. Gold, silver and lead. Free ore. D. A. Giles, mine supt. (Developing.)
G.S.—Bullion Canyon Mining Co., Joliet, Ill. Copper Belt and Pluto mines. Gold and silver. Shaft, 325 ft. Tunnel, 500 ft. (Idle.)
Gold—Dalton Gold Mining & Milling Co., Salt Lake City. Shaft, 200 ft.
G.S.—Desert Mining Co. Gold and silver.
Gold—Ferris Gold and Silver Mining Co., Salt Lake City. Group. Tunnels.
G.S.—Desert Mining Co. Gold and silver.
G.S.—Gold Belt Mining & Milling Co., 265 State St., Salt Lake City. Gold Belt Group. Gold and silver. Tunnels, 40 and 250 ft., and shaft. Free ore. (Developing.)
G.S.—Gold Hill Mining Co. Gold and silver.
G.S.L.—Webster Mining Co., Salt Lake City. Gold, silver and lead. Tunnel. Refractory ore.

MERCUR, Tooele Co. Ry. 786a.
Gold—Cannon Gold Mining & Milling Co., 15 N.E. Temple St., Salt Lake City. Cannon mine. Shaft 360 ft.; tunnel 400 ft.; 300 days; 13 employes. Steam.
G.S.—Hillside Mining Co. Gold and silver.
G.S.—C. M. Howard. Gold and silver.
Gold—G. L. Korner.
Gold—Mercur Gold Mining & Milling Co., 406-407 McCormick bldg., Salt Lake City. Mercur mine. Tunnels 500 to 1,800 ft. Refractory ore. 60,000 tons; 300 days; 100 employes. Steam. Operate 11 miles Ry.; 2 locomotives; 11 cars. John Treweek, mine supt.
Gold—Mullett & Co.
Gold—Rover Gold Mining Co., Salt Lake City. Rover mine. Tunnel.

MILFORD, Beaver Co. Pop. 81. Tel. Ry. 899. Banking town Nephi.
G.S.—James Barrett. Moscow mine. Gold and silver. Tunnel and shaft. Free and refractory ore.
G.S.—O. T. Clark. Gold and silver.
G.S.—Jas. Forgie. Gold and silver.
G.S.L.—John T. Kelly. Anvil mine. Gold, silver and lead. Slope. Free ore.
G.S.L.—Jas. Lavelle. Gold, silver, lead and iron. Slope. Shaft and tunnel.
Copp.—Montreal Mining Co. Copper.

MINERSVILLE, Beaver Co. Pop. 335. Ry. Milford 899.
G.S.—Jos. Banks, Jr. Gold and silver.
Gold—John W. Bradshaw. Surprise mine. Davidson Hans, mgr.

MINERSVILLE—Continued.
G.S.—Cave Mining Co. Gold and silver.
G.S.—W. L. Croff. Gold and silver.
G.S.—W. J. Davis. Gold and silver.
G.S.—Jas. Gallop. Gold and silver.
G.S.L.—Gressman Bros. North Galena mine. Gold, silver and lead. Open pit. Free ore.
Gold—Louis Lessing.
Gold—Jas. H. Rollins.

MONA, Juab Co. Ry. 899. Banking town Provo City.
G.S.—Lorenzo Babcock. Cap. $1,300. Hidden Treasure mine. Tunnel 130 ft. Gold, silver and copper. Free ore; 2 employes. (Developing.)
Lead—Jas. Burraston.
Lead—J. Harris.
Lead—L. Holiday.
G.S.—Elias Molyneaux. Gold King mine. Gold and silver. Shaft.
Gold—S. M. Reed.
Gold—E. B. Roberts.
G.S.L.—Starr Bros. Enterprise mine. Gold, silver and lead. Slope. Tunnel.
Lead—W. A. Starr.
S.L.—Yates & Stevens. Great Eastern mine. Silver and lead. Shaft.
Gold—A. P. Young.
Gold—B. Young.

MONTICELLO, San Juan Co. Ry. Thompson's 737. Banking town Durango, Colo.
Gold—Haywood & Skews. Gold Queen mine.
G.S.—Hobbs & Cane. Illinois mine. Gold and silver.
G.S.—J. H. Shafer. Viking mine. Gold and silver.

MOUNT PLEASANT, San Pete Co. Pop. 2,481. M.O. Tel. Ry. 737.
G.S.—A. A. Cahoon. Gold and silver.
G.S.—Jonas H. Erikson. Gold and silver.
B.Coal—J. P. Gunderson.
Gold—Jas. M. Lamont.

NEPHI, Juab Co. Pop. 2,035. M.O. Tel. Ry. 795; 899.
Gold—J. R. Hickman.
Lead—Hickman Mining Co.
Lead—Nebo Mining Co.
Salt—Nephi Salt Mining & Manufacturing Co. Geo. C. Whitmore, pres.; Jno. Hogue, v. pres.; C. S. Tingey, secy. Cap. stk. $25,000, pd. up. Rock salt. 1,000 tons. 230 days. 12 employes.

NORTH OGDEN, Weber Co. Pop. 410. Ry. Harrisville 899. Banking town Ogden.
Gold—Red Jacket Mining & Milling Co., Ogden. Red Jacket mine. Shaft and tunnel. Free ore. Steam

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OGDEN, Weber Co. Pop. 16,000. M.O. Tel. Ry. 624a; 737; 841; 899.
Salt—Adams & Keisel Salt Co.
Silv.—Denver & Ogden Mining Co. C. L. Peebles, pres. and gen. mgr.; John Zehrung, v. pres.; S. S. Schramm, secy.; J. D. Carnahan, treas. Cap. stk. $1,000,000, pd. up. Silver. Claim at Eureka.
G.S.—Red Jacket Mining & Milling Co. Gold and silver. Mine at North Ogden.
Sur.—Washington Jenkins. U. S. deputy mineral surveyor.
Gold—David Kay.
Gold—Stevens Bros.
Gold—Wm. Sullivan.
Salt—Utah Salt Co.

OPHIR, Tooele Co. Pop. 90. M.O. Ry. Stockton 899. Banking town Salt Lake City.
G.S.—Jas. Applebe. Gold and silver.
G.S.—Barker Bros. Gold and silver.
G.S.L.—Gladstone Mining Co. Gladstone mine. Gold, silver and lead. Shaft, tunnel. Slope and open pit. Free and refractory ore.
Gold—Lion Mining Co.
G.S.—Little Pittsburg Mining Co., Salt Lake City. Little Pittsburg group. Gold and silver. Slope and tunnel. Free ore.
Gold—McAfee & Kelley.
Gold—Northern Light Mining Co.
Gold—Ophir Hill Mining and Construction Co.
Gold—Peter J. Pollock.
Gold—Isaac Roland.
Gold—Geo. St. Clair.

PARK CITY, Summit Co. Pop. 4,495. M.O. Tel. Ry. 899; 903.
Gold—Creole No. 2 Mining Co.
Silv.—Creole Silver Mining Co. Silver.
G.S.L.—Crescent Mining Co. Forty claims. Gold, silver and lead. Shafts and tunnels.
Silv.—Daly-West Mining Co., 125 S. Main st., Salt Lake City. Daly group. Shaft, 900 ft. 25,000 tons. Silver and lead ore. 300 days; 240 employes. Steam. Concentrator. Mill, 75 tons daily capacity. R. C. Chambers, mine supt.
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PARK CITY—Continued.
S.L.—Glencoe Mining Co. Glencoe mine. Silver and lead. Tunnel. Steam.
G.S.—David Keath. Gold and silver.
Gold—Marsac Mining & Milling Co.
Stone—Metropolitan Stone Co., Salt Lake City. Metropolitan quarry. Sandstone. Alfred A. Rudy, quarry supt.
Stone—Mountain Stone Co., 4 and 5 Culmer blk., Salt Lake City. Mountain stone quarry. Sandstone. (Idle.)
S.L.—Ontario Silver Mining Co., Salt Lake City. Ontario group. Shaft 1,500 ft.; tunnel 18,000 ft.; 31,812 tons. Silver and lead ore. 300 days. 400 employes. Steam. R. C. Chambers, mine supt.
G.S.—Putnam Mining Co. Gold and silver.
G.S.—Woodside Mining Co. Gold and silver.

PLEASANTVALLEY JUNCTION, Utah Co. Pop. 157. P.O. Colton. Tel. Ry. 737.
Stone—Diamond, Kyune & Castle Stone Co., Salt Lake City. Kyune, Piedra and Diamond quarries. Sandstone, gray and red. 4,000 cords. 200 days. 40 employes. Steam.

PROVO CITY, Utah Co. Pop. 5,582. M.O. Tel. Ry. 737; 899.
G.S.—Annie Mining & Milling Co. Gold and silver.
G.S.—Grand Central Mining Co. Gold and silver.
Slate—F. W. C. Hathenbruck. Cap. $10,000. Provo slate quarry. Purple slate. (Idle.)
Gold—Josephine mine. Rediscovery of old Spanish mine. (Developing.)
Gold—Edward Pike.
Gold—Second to None Mining Co.
Gold—Sioux Consolidated Mining Co.
G.S.—Utah Consolidated Mining & Milling Co. Gold and silver.

ROCKPORT, Summit Co. Pop. 84. Ry. Wanship 899. Banking town Park City.
B.Coal—Wm. Cassay. (Local.)
B.Coal—Wm. Denney. (Local.)
B.Coal—Frederick John. (Local.)

ST. GEORGE, Washington Co. Pop. 1,134. M.O. Tel. Ry. Milford 899.
S.L.—Dixie Mining & Smelting Co. Silver and lead.
U.S.Sur.—Isaac Macfarlane. Civil engineer and U. S. deputy mineral surveyor.

SALINA, Sevier Co. Pop. 601. Tel. Ry. 737. Banking town Manti.
Salt—Salina Salt Co. J. C. Jones, pres.; Albert Fisher, secy.; P. D. Stoops, treas.; Burt Strong, gen. mgr. Rock salt. Open pit.

SALT LAKE CITY, Salt Lake Co. Pop. 48,076. M.O. Tel. Ry. 347; 737; 786a; 786b; 899; 903.
Gold—Ada Consolidated Mining Co.
G.S.—Alice Gold & Silver Mining Co. Gold and silver.
G.S.—Alliance Mining Co. Gold and silver.
G.S.—Alma Mining & Milling Co., 265 State st. Gold and silver. C. A. Ames, pres.; J. A. Chute, v. pres.; Perry Brigham, secy.; Willis M. Ames, treas. Mine at Marysvale.
G. C.—Ames & Mann, 265 State st. Gold and copper. Mine at Russell Gulch, Colo.
Gold—Austin Mining Co.
Atty.—Thos. C. Bailey. Land and mining attorney.
G.S.—Baltimore & Victoria Mining Co. Gold and silver.
Gold—Belle Gold Mining & Milling Co. Wm. Schade, pres.; Jas. Donnelly, v. pres.; F. Rehrman, secy. and gen. mgr.; W. W. Phillips, treas. Cap. stk. $1,000,000; $500,000 pd. up. Claims at Osceola, Nev.
G.S.—C. W. Bennett. Gold and silver.
G.S.—S. D. N. Bennett. Gold and silver.
Gold—Big Hole Placer Mining Co.
Gold—Bingham Gold Mines Co., Whitingham blk. F. L. Underwood, pres. and treas.; E. M. Johnson, v. pres.; W. L. Garey, secy.; W. E. Humphreys, asst. secy.; H. G. Heffron, M. E., gen. mgr. and buyer. Cap. stk. $1,000,000, pd. up. Mine at Bingham.
G.S.—Black Eagle Mining & Reduction Co. Gold and silver.
Copp.—Judge Blair. Copper.
G.S.—Blair Mining Co. J. M. Blair, pres. and gen. mgr.; R. S. Campbell, v. pres.; J. T. Hammond, secy.; Geo. E. Blair, treas. Cap. stk. $500,000, pd. up. Gold and silver. Mine at Iron.
G.S.—Blue Jay Consolidated Mining Co. Gold and silver.
Attys.—Booth, Lee & Gray (Hiram E. Booth, E. O. Lee and John G. Gray). Attorneys at law. Corporation, mining and commercial law. Settlement of estates. Bank reference. Compilers of Laws of Utah for the RECORD.
Gold—Boston Consolidated Group.
G.S.—Boston Tintic Co. Gold and silver.

SALT LAKE CITY—Continued.
Gold—Brunno Placer Mining Co., 75 State st. —— Haldin, pres.; —— Wickes, v. pres.; P. S. Morse, buyer. Mine at Deeth, Nev.
G.S.—Buckeye Mining Co. A. E. Hyde, pres.; John Beck, v. pres.; W. J. Beattie, secy. and treas.; J. W. Green, gen. mgr. Cap. stk. $500,000; $350,000 pd. up. Gold and silver. Mine at Diamond.
G.S.—Bullion-Beck & Champion Mining Co. Gold and silver. Mines at Eureka.
U.S.Sur.—A. Burch. Mining engineer. U. S. deputy mineral surveyor.
G.S.—H. C. Burnett. Atlantic mine. Gold and silver.
M.E.—L. G. Burton. Mining engineer. Board of Trade Bldg.
G.S.L.—Butterfield Mining Co. George W. Keel, gen. mgr. Gold, silver and lead. Mine at Bingham.
Gold—Calcutta Gold Mining & Milling Co.
Gold—Cane Spring Consolidated Gold Mining Co.
Gold—Cannon Gold Mining & Milling Co., 15 N. E. Temple St. A. M. Cannon, pres., gen. mgr. and buyer; Geo. M. Cannon, v. pres.; Lewis M. Cannon, secy. and treas. Cap. stk. $50,000, pd. up. Mine at Mercur.
Silv.—Cariboo Silver Mining Co.
G.S.L.C.—Centennial Eureka Mining Co., 203 Atlas Blk. J. F. Woodman, pres.; W. S. McCornick, v. pres.; J. R. Alexander, secy.; W. W. Chisholm, treas. and gen. mgr.; J. D. Kendall, buyer. Cap. stk. $1,500,000, pd. up. Gold, silver, lead and copper. Mine at Eureka.
B.Coal—Chalk Creek Coal Mining Co. Mine at Coalville.
Gold—R. C. Chambers.
G.S.—Cleveland Mining Co., 25 5th St. Gold and silver.
G.S.—Columbian Gold & Silver Mining & Milling Co.
Gold—Cyclonius Mining & Milling Co.
M.E.—Ellsworth Daggett. Mining engineer.
Gold—Dalton Gold Mining & Milling Co. C. A. Druehl, pres.; N. Sears, v. pres.; N. R. Waterman, secy., treas. and buyer. Mine at Marysvale.
G.S.—Dalton Lark Mining Co. Gold and silver.
Silv.—Daly Mining Co., 125 S. Main st. R. C. Chambers, pres., supt. and buyer; R. Mackintosh, v. pres.; T. J. Almy, secy.; J. B. Haggin, San Francisco, Cal., treas. Cap. stk. $3,000,000, pd. up. Silver. Mine at Park City.
G.S.—Desert Gold & Silver Mining & Milling Co.
B.Coal—Diamond Coal & Coke Co.
Stone—Diamond, Kyune & Castle Stone Co. R. C. Chambers, pres.; Wm. P. Minor, secy., gen. mgr. and buyer; M. H. Walker, treas. Cap. stk. $50,000, pd. up. Quarry at Pleasant Valley Junction.
Sulp.—Dickert & Meyers. Sulphur.
Silv.—W. H. Dodge. Fifteen silver claims at St. Charles, Idaho. (Working and developing.)
G.S.—Eclipse Mining Co. Gold and silver.
G.S.—Capt. Egan. Baby McKee mine. Gold and silver.
S.L.—Emma Mining Co., Ltd., London, Eng. Cap. stk. $625,000. Mine at Alta.
G.S.—Eureka Hill Mining Co. Gold and silver.
G.S.—P. T. Farnsworth, Whitingham Blk. Gold and silver.
G.S.—Joseph Farren. Gold and silver.
Gold—Ferris Gold & Silver Mining Co. Mine at Marysvale.
Stone—Ferguson & Carpenter. Sandstone.
M.E.—R. Forrester, F. G. S. (Eng.) Geologist and mining engineer, 16 Scott-Auerbach bldg. Specialty, examinations and reports on mineral lands and mines.
Gold—Fortuna Gold Mining & Milling Co.
Gold—Frederich & Crown Placer Mining & Transportation Company.
Gold—Free Gold Mining Co.
G.S.—General Logan Mining Co. Gold and silver.
Smlt.—Germania Smelter.
G.S.—Glencoe Mining Co. Gold and silver.
G.S.—Godiva Mining Co. Gold and silver.
G.S.—Gold Belt Mining & Milling Co., 265 State St. C. A. Ames, gen. mgr. Gold and silver. Mine at Marysvale.
Gold—Gold Demand Mining & Milling Co. H. A. Whitney, pres. Cap. stk. $200,000. Mine at Osceola, Nev.
Gold—Gold Diamond Mining & Milling Co.
Gold—Gold Gravel Group. (Quartz and placer.)
G.S.—Golden Treasure Mining Co. Gold and silver. Mine at Silver City.
Gold—Good Hope Placer Mining Co
G.S.—Groesheck & Co. Gold and silver.
Gold—B. Hampton.
Smt.—Hanauer Smelting Works.
G.S.—John Happen, Box 161. Gold and silver.
G.C.—O. B. Hardy. Gold and copper. Mine at Bingham.
Gold—Harmony Mining & Milling Co.
G.S.L.—Highland Mining Co. Gold, silver and lead. Mine at Bingham Canyon.
Gold—Himalaya Mining Co.
M.E.—H. Hirching. Professor of Mining Engineering and Natural Sciences.
B.Coal.—Home Coal Co. Mine at Coalville.
G.S.—Horn Silver Mining Co. A. C. Washington, pres.; P. T. Farnsworth, gen. mgr. and buyer. Cap. stk. $10,000,000, pd. up. Gold and silver. Mine at Frisco.
Gold—Idaho Gold Mining Co.
Salt—Inland Crystal Salt Co.
Salt—Jeremy & Co.

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SALT LAKE CITY—Continued.
Salt—C. C. Johnston.
Stone—G. R. Jones.
G.S.—T. R. Jones & Co. Gold and silver.
G.S.—Jupiter Mining Co. Gold and silver.
Stone—Kyune Graystone Co., Culmer Blk. Geo. F. Culmer, pres.; W. H. Culmer, M. E., gen. mgr. and buyer. Quarry at Junction.
G.S.—A. T. Lawrence. Minnie mine. Gold and silver.
Lead—Lead Mine Co.
Gold—Lexington Mining Co.
Gold—Lion Hill Mining Co.
G.S.—Little Pittsburg Mining Co. Gold and silver. Mine at Ophir.
Gold—Lucky Boy Gold Mining Co.
Gold—Lucky Gold Mine Co.
Stone—McClbory & Co.
G.S.—A. W. McCune. Gold and silver.
G.S.—R. Mackintosh. Gold and silver.
G.S.—Don Maguire. Gold and silver.
G.S.—John Mahan. Gold and silver.
G.S.L.—Mammoth Mining Co. Gold, silver, lead and copper. Mine at Mammoth.
Gold—Marion Gold Mining Co. Gold and silver.
Gold—Mercur Gold Mining & Milling Co., 406-407 McCornick Bldg. John Dern, pres., treas., gen. mgr. and buyer; E. H. Airis, secy. Cap. stk. $5,000,000, pd. up. Mine at Mercur.
Stone—Metropolitan Stone Co. Simon Bamberger, pres.; S. Ciseman, secy. Sandstone. Quarry at Park City.
Gold—J. R. Middlemeis.
Smlt.—Mingo Smelting Co. Smelter.
Gold—Missouri Placer Mining Co.
G.S.—Modoc Chief Mining Co. Gold and silver.
Gold—Mohawk Queen Mining Co.
Gold—Monte Cristo Mining & Milling Co.
Gold—Morgan Gold Mining & Milling Co.
Gold—Mountain King Mining Co.
Stone—Mountain Stone Co., 4 and 5 Culmer Blk. G. F. Culmer, pres.; H. L. Culmer, secy. and treas.; W. H. Culmer, gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Sandstone. Quarry at Park City.
Gold—Nash Mining & Milling Co.
B.Rock—National Rock Co. Bituminous rock.
G.S.—New London Gold & Silver Mining & Trading Co.
Gold—North Fork Placer Mining Co.
G.S.—North Last Chance Mining Co. Gold and silver.
Iron—Norway Iron Mining & Manufacturing Co.
G.S.L.C.—Old Jordan & Galena Mining Co. L. E. Holden, pres. and gen. mgr.; A. F. Holden, M. E., v. pres. and gen. mgr.; W. S. McCormick, treas. Cap. stk. $2,000,000, pd. up. Gold, silver, lead and copper. Mine at Bingham.
S.L.—Ontario Silver Mining Co. Lloyd Tevis, pres.; F. G. Drum, secy.; J. B. Haggin, San Francisco, Cal., treas. Cap. stk. $15,000,000. Silver and lead. Mine at Park City.
G.S.—Ophir Hill Mining & Concentrating Co. Gold and silver.
G.S.—Osceola Grand Mining Co. Gold and silver.
C.E.—C. M. Owen, Civil Engineer, 103 S. 2d East St.
Gold—Pan-American Mining & Milling Co., 302 Atlas Blk.
G.S.—Passadana Mining Co. Gold and silver. Mine at Eureka.
Smlt.—Pennsylvania Smelting Co.
G.S.—F. G. Peterson. Gold and silver.
G.S.—Petro Mining Co. Gold and silver.
G.S.—Phoenix Silver Mining Co. A. Hanauer, Jr., pres.; L. Hoock, v. pres.; F. Rehrman, secy. and gen. mgr.; Wm. Schade, treas. Cap. stk. $600,000; $300,000 pd. up. Vena, Neptune and Frederick mines. Shaft 320 ft. Tunnel 410 ft. Gold, silver and lead. Refractory ore. 230 days. 7 employes.
G.S.—Ploche Con. Mining Co. Gold and silver.
G.S.—Pioneer & Park City Mining Co. Gold and silver.
B.Coal—Pleasant Valley Coal Co., Central Blk., W. 2d South St.
G.S.—S. J. Pollock. Gold and silver.
G.S.—Post & Haven. Gold and silver.
Gold—Pride of the West Mining Co.
G.S.—Queen of the Hills Mining Co. Gold and silver.
Silv.—Ramshorn Mining & Smelting Co. O. J. Salisbury, gen. mgr.; P. H. Latimer, M. E., buyer. Silver. Mine at Bay Horse, Idaho.
G.S.—Reed & Goodspeed Mining Co. Gold and silver.
G.S.—T. Rehman & Co. Gold and silver.
G.S.—Richmond & Anaconda Cons. Mining Co. S. W. Morrison, pres.; H. C. B. Allen, secy.; J. J. Stewart, treas. Cap. stk. $500,000; $375,000 pd. up. Mine at Eureka.
Gold—Rover Gold Mining Co. Mine at Mercur.
G.S.—Patrick Ryan. Gold and silver.
Gold—O. J. Salisbury.
Onyx—Salt Lake City Onyx Co. of Utah, 27 Morlan Blk. John F. Cowan, Butte, Mont., pres.; E. B. Critchlow, v. pres.; G. R. Potter, secy. and gen. mgr.; Chas. J. Schatzlein, treas. Quarry at Lehi.
Stone—Salt Lake City Stone Co.
Asph.—Salt Lake Gilsonite Co., Culmer Blk. G. F. Culmer, pres.; W. H. Culmer, gen. mgr. and buyer. Asphaltum. Quarry at Fort Duchesne.
Gold—Sampson Mining Co.

SALT LAKE CITY—Continued.
G.S.—Satum Mining Co. Gold and silver.
Gold—Sevier Gold Mining & Milling Co.
G.S.—Michael Shaunnesser. Gold and silver.
G.S.—Sheep Rock Mining Co., 172 S. Main St. Gold and silver.
G.S.—Sherman & Jacobs. Gold and silver. Sunshine mine.
Gold—J. Sherriff & Co.
G.S.L.—Showers Mining Co. Gold, silver and lead. Mine at Diamond.
G.S.—Silver Bar Mining & Milling Co. Gold and silver.
G.S.—Silver City Gold & Silver Mining Co. Silver and lead. Mine at Silver City.
G.S.—Silver King Mining Co. Gold and silver.
Silv.—Silver Lode Mining & Milling Co. Silver.
G.S.L.—Societe Anonyme Des Mines de Lexington. Gold, silver and lead.
Gold—South Fork Consolidated Mining Co.
B.Coal—Sterling Coal & Coke Co. Directors, Theodore Bruback, J. B. Blair, Geo. Cullins, H. S. Kerr and S. T. Pearson. Mine at Sterling.
Gold—Sterling Gold Mining Co.
S.L.—Sunday Mining Company. Chas. Diehl, pres.; F. Hesse, v. pres.; F. Rehrman, secy. and gen. mgr.; Henry Wagener, treas. Cap. $6,000. Silver and lead. Mine at Vernon.
Stone—Tate & Jones.
Gold—Tetro Mining Co. of Tintic. Mine at Eureka.
B.Rock—Thistle Rock Co. Bituminous rock.
Iron—Tintic Iron Co. Jas. Sharp, pres.; Geo. J. Wallar, v. pres. and gen. mgr.; C. W. Lyman, secy. and treas. Cap. stk. $300,000; $100,000 pd. up. Mine at Silver City.
G.S.—Trapper Mining Co. Gold and silver.
Gold—Tumgren Mining Co.
G.S.—Union Mining Co. Gold and silver.
S.L.—Vanderbilt Mining & Milling Co., 326 W. 2d North St. I. T. Brockbank, pres.; Elias Morris, v. pres.; A. G. Granque, secy. and treas.; O. H. Hardy, gen. mgr. and buyer. Cap. stk. $150,000; $100,000 pd. up. Silver and lead. Mine at Hailey, Idaho.
Stone—Varley & Everill.
Gold—Vicking Gold Mining & Milling Co.
Asph.—Wasatch Asphaltum Co., Culmer Blk. G. F. Culmer, pres.; W. H. Culmer, gen. mgr. and buyer. Quarry at Clear Creek.
G.S.—Watson Mining Co. Gold and silver.
B.Coal—Weber Coal Dept. Ontario Silver Mining Co. Thos. J. Almy, agt. Mine at Coalville.
G.S.L.—Webster Mining Co. Gold, silver and lead. Mine at Marysvale.
G.S.—Well Annie Mining & Milling Co., 28 Main St. Gold and silver.
G.S.—West Cable Mining & Milling Co., 314-315 Progress Bldg. A. B. Sawyer, pres.; J. O. Gale, v. pres.; Geo. Ryan, M. E., secy., treas. and gen. mgr. Cap. stk. $1,500,000, pd. up. Mine at Eureka.
Gold—Dr. Whitney.
M.E.—W. A. Wilson, Mining Engineer.
Gold—Yampa Extension Mining Co.
G.S.L.—York Mining Co. Gold, silver and lead. Mine at Bingham Canyon.
Gold—Yosemite Mining Co., 408 McCornick Blk.

SILVER CITY, Juab Co. Pop. 187. Tel. Ry. 737; 899. Banking town Eureka.
Gold—Alamo Mining & Milling Co.
Gold—American Eagle Mining Co.
G.S.—Frank Azzalea. Gold and silver.
G.S.—Cleveland Consolidated Mining Co. Gold and silver. Refractory ore. Steam.
G.S.—P. H. Connell. Gold and silver.
G.S.—Copperopolis Mining Co. Gold and silver.
G.S.—Golden Treasure Mining Co., Salt Lake City. Golden Treasure mine. Gold and silver. Shaft. Free ore.
G.S.—J. W. Green. Gold and silver.
G.S.—Wm. Gundry. Gold and silver.
S.L.—H. D. Jones. Undime mine. Silver and lead. Tunnel and shaft. Refractory ore.
Gold—J. F. Koppes.

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SILVER CITY—Continued.
Gold—Jas. McLaughlin.
Gold—W. H. Menary.
G.S.C.—Phoenix Mining Co. Phoenix mine. Gold, silver and copper. Shaft and tunnel.
Gold—R. S. Reed.
G.S.L.C.—A. Roberts. North Star mine. Gold, silver, lead and copper. Tunnel.
Gold—Nelson Sandberg.
S.L.—Silver City Gold & Silver Mining Co., Salt Lake City. Wheeler mine. Silver and lead. Shaft.
G.S.L.—Silver Spar Mining & Milling Co. Gold, silver and lead. Refractory ore.
S.L.I.—South Swansea Mining Co., South Swansea, Wales, mine. Silver, iron and lead. Refractory ore.
Gold—H. H. Sowles.
Iron—Tintic Iron Co., Salt Lake City. Open cut. Twenty-two locations.
Gold—C. V. Wheeler.

SILVER REEF, Washington Co. Pop. 92. P.O. Toquerville. Banking town and Ry. Nephi 795; 899.
Silv.—Ignosi Mining Co. Silver.
Silv.—Jas. G. Wilden. Silver.
Silv.—Wooley, Land & Judd. Silver. Slope. Free ore. Steam.

SPRINGVILLE. Utah Co. Pop. 3,170. M.O. Tel. Ry. 737; 899.
G.S.—Willard Child. Gold and silver.
G.S.—Levi Curtis. Gold and silver.
Gold—R. J. Kroupa.
Gold—North Star Mining Co.
Stone—J. Smith.
Marb.—John V. Wadsworth. Marble.

STERLING, San Pete Co. Pop. 85. Ry. 737. Banking town Manti.
C.Coal—Sterling Coal & Coke Co., Salt Lake City. Thomas mine; slope 1,000 ft.; 3,000 tons; 300 days; 15 employes. Steam.

STOCKTON, Tooele Co. Pop. 219. M.O. Ry. name Terminus 899. Banking town Salt Lake City.
G.S.L.—Argent-Wade Hampton Mining Co. Argent-Wade Hampton mines. Gold, silver and lead. Slope. Horse.
G.S.—J. Dengy & Co. Gold and silver.
G.S.L.—L. Osgood. No U Don't mine. Gold, silver and lead. Shaft and tunnel. Steam.
Gold—J. C. Reynolds. Bunker Hill mine. Shafts. Steam.
Lead—Joseph Spitz.

TINTIC, Juab Co. P.O. Silver City. Ry. 899.
S.L.—Utah Mining Co. Silver and lead.

TOOELE, Tooele Co. Pop. 1,000. M.O. Ry. 899. Banking town Salt Lake City.
Gold—Samuel F. Lee.

VERNON, Tooele Co. Pop. 60. Ry. Stockton 899. Banking town Salt Lake City.
G.S.—A. Anderson. Gold and silver.
G.S.—Bennion Bros. Gold and silver.
G.S.—J. Cook. Gold and silver.
Silv.—P. Hanson. Silver.
G.S.—P. Jorgenson. Gold and silver.
S.L.—O. H. Rollins. Silver and lead.
G.S.—D. Sharp. Gold and silver.
G.S.—J. Sharp. Gold and silver.
S.L.—Sunday Mining Company, Salt Lake City. Sunday mine. Shaft 80 and 90 ft.; tunnels 200 and 240 ft. Silver and lead. Smelting ore.

WASATCH, Salt Lake Co. Ry. 737. Banking town Salt Lake City.
G.S.—Emma Mining Co. Gold and silver.
G.S.—Sickles & Tanish. Gold and silver.

VERMONT

ALBANY, Orleans Co. Pop. 200. M.O. Tel. Banking town and Ry. Barton, 82.
Stone—Jas. Gazeley.

BARRE, Washington Co. Pop. 4,150. M.O. Tel. Ry. 57; 136; 555.
Granite—Abbott & Carpenter. Granite.
Granite—American Granite Co. Granite.
Granite—Barclay Bros. Granite.
Granite—James M. Boutwell, Montpelier. Granite. 50,000 cu. ft.; 50 employes. Steam.
Gran.—Jas. G. Brown. Granite.
Gran.—Bunkham & Mills. Granite.
Gran.—H. K. Bush. Granite.
Gran.—H. I. Cheney. Granite. Horse.
Gran.—J. L. Clark & Son Co. Granite.
Gran.—Alex. Connon & Co. Granite.
Gran.—Drew, Parkhurst & Co. Granite. Steam.
Gran.—H. A. Duffy & Son. Barre quarry. Granite. Steam.
Granite—Empire Granite Co. E. Bronk, pres.; J. D. Smith, secy., treas., gen. mgr. and buyer. Cap. stk. $75,000, pd. up. Dark and light granite quarries. Also quarry at Orono Island, Hancock Co., Maine. 150,000 ft.; 300 days; 150 employes. Steam.
Gran.—S. Fontana. Granite.
Gran.—Forsyth & Ingram. Granite.
Granite—Jas. M. Fraser & Son, 68 Merchant st. Cap. $1,500. Granite quarry at Woodbury.
Gran.—S. L. Gates. Granite.
Gran.—W. S. George. Granite.
Gran.—Goldsburg & Hunter. Granite.
Atty.—John W. Gordon, attorney at law, 6 and 7 Gordon blk. Compiler of the Laws of Vermont for the RECORD.
Gran.—J. W. Gordon. Granite.
Granite—Green Mountain Granite Co. James Ingram, gen. mgr. Cap. invested, $26,000. Do not operate. Own 175 acres quarry land in town of Barre; some leased to others on royalty.
Gran.—Henderson & Durkee. Granite.
Gran.—N. C. Hinsdale's Sons Granite Co. Granite.
Gran.—C. H. Hunter Co. Granite.
Gran.—Imes & Cruickshank. Granite.
Gran.—Jeffrey & Krelinger. Granite.
Gran.—Louis Keith. Granite.
Gran.—S. Kimball. Granite.
Gran.—James C. King. Granite. 200 days; 7 employes. Steam.
Gran.—Kingston Bros. & Co. Granite.
Gran.—W. T. Kinnerson & Co. Granite.
Gran.—John Lillie. Granite.
Gran.—Laing & Mortimer. Granite.
Gran.—Littlejohn & Milne. Granite.
Gran.—J. W. McDonald & Co., 73 Hill st. Light and dark granite. 12,000 cu. ft.; 264 days; 12 employes. D. W. McDonald, quarry supt.
Gran.—McDonald & Buchan. Granite.
Gran.—M. J. McLean. Granite.
Gran.—Donald McLeod. Granite.
Gran.—C. W. McMilan. Granite.
Gran.—McPhee & Taylor. Granite.
Gran.—J. & W. Magoon. Granite.
Gran.—Mann Bros. Granite. Steam.
Gran.—Marr & Gordon. Dark quarry. Dark granite. 36,000 ft.; 300 days; 25 employes. Steam.
Light quarry. Light granite. 30,000 ft.; 300 days; 23 employes. Steam.
Gran.—Marrion & Worden. Granite.
Gran.—Matheson, Rexton & Co. Granite.
Gran.—Melcher & Hedley. Granite.
Gran.—Milne, Clarihew & Grey. Granite.
Gran.—Chas. H. More & Co., Main st. Granite. 150 employes. Granite mill at Montpelier.
Gran.—Morrison Bros. Granite.
Gran.—A. D. Morse. Granite.
Gran.—Wm. Mortimer. Granite.
Gran.—National Granite Co.
Gran.—H. C. Nye. Granite.
Gran.—John O'Rourke. Granite. Barre Standard quarry. Mill. Horse.
Gran.—Park & Dunbar. Granite.
Gran.—H. N. Parkhurst. Granite. Steam.
Gran.—A. N. Pearson. Granite.
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BARRE—Continued.
Gran.—Peters & Adie. Granite.
Gran.—Puritan Granite Co.
Gran.—Wm. Quinn & Co. Granite.
Gran.—H. Raycroft. Granite.
Gran.—Rich & Bond. Granite. 3 employes. Compressed air.
Gran.—Robins Bros. Granite.
Gran.—B. R. Robinson. Granite.
Gran.—N. Rossi & Co. Granite.
Gran.—T. D. Sawtelle. Granite.
Gran.—Sector & Leith. Granite.
Gran.—E. L. Smith & Co. Granite. Mill. Steam.
Gran.—Smith & Hopkins. Granite.
Gran.—Sortwell & Morse. Granite.
Gran.—Stephens & Reid. Granite.
Gran.—Straitior & Thom. Granite.
Gran.—Eugene Sullivan. Granite.
Gran.—Taylor & Bailey. Granite.
Gran.—C. E. Tayntor & Co., New York. Granite. Steam.
Gran.—Vermont Granite Co. Tunnel. Mill. Steam.
Gran.—G. H. Warley. Granite.
Gran.—W. M. Warley. Granite.
Gran.—B. G. Webster. Granite.
Gran.—H. Webster. Granite. Webster quarry. Mill. Horse.
Gran.—Wells, Lamson & Co. Granite. 15,000 cu. ft.; 350 days; 42 employes. Granite works, 50 ft. daily capacity. Steam and water. Quarry also at Williamstown.
Gran.—Wetmore & Morse Granite Co., 26 State st., Montpelier. Granite. 65,000 ft.; 40 employes; 275 days. Steam.
Gran.—P. O. Wheaton. Granite.
Gran.—G. H. & H. P. Wheeler. Granite.
Gran.—Wood & Presley. Granite.
Gran.—Wood & Thorp. Granite.
Gran.—Woodbury & Langdon. Granite.
Gran.—Chas. Young & Co. Granite.
Gran.—O. J. Young, East Barre. Granite. 12,000 cords; 240 days; 10 employes.

BENNINGTON, Bennington Co. Pop. 3,975. M.O. Tel. Ry. 67; 305; 461.
Gran.—R. B. Godfreys. Granite.

BENSON, Rutland Co. Pop. 52. Ry. Putnam, N. Y., 243. Banking town Fairhaven.
Slate—American Black Slate Co., 137 E. State st., Trenton, N. J. 275 days; 50 employes. Steam. Developing.

BETHEL, Windsor Co. Pop. 1,450. M.O. Tel. Ry. 136.
Gran.—Bethel Statuary Co. Granite.
Marb.—R. V. Corse. Marble.
Gran.—Statuary Granite Co. Granite.

BRANDON, Rutland Co. Pop. 3,340. M.O. Tel. Ry. 136.
Marb.—Bardillo Marble Co. Marble.
Marb.—Brandon Italian Marble Co. Brandon Italian quarry. Marble. Mill. Steam.
Marb.—Corona Marble Co. of Vermont. F. G. Swinington, pres. and treas., Rutland; D. D. Hewitt, secy. Cap. stk. $100,000, pd. up. Corona quarries. White and pearl blue marble. Marble mill, 10 gangs; 2 rubbing beds.
Marb.—S. L. Goodel & Co. Marble.
Marb.—Neshobe Marble Co. Marble.
Marb.—J. C. Orom.
Marb.—L. B. Peck & Co. Marble.
Marb.—Peck & Harris. Marble. Mill. Steam.
Marb.—Thayer & Simonds. Marble.
Marb.—Trojan Marble Co. Marble.
Marb.—Williams & Fields. Marble.

BURLINGTON, Chittenden Co. Pop. 14,600. M.O. Tel. Ry. 136.
Marb.—Burlington Mfg. Co. Marble.
Stone-M.—J. W. Goodell. Granite and limestone mills. 300 days; 25 employes. Steam.
Gran.—Johnson Bros. Granite.
Stone—F. Woodworth. Sandstone.

CASTLETON, Rutland Co. Pop. 2,400. M.O. Tel. Ry. 243. Banking town Fairhaven.
Slate—Bolger Bros. Slate. Mill. Steam.
Slate—Hydeville Marbleized Slate Co.
Slate—J. J. Jones. Slate.
Slate—Lake Shore Slate Co., West Castleton. Slate.
Slate—W. M. Taylor. Slate.
Slate—Taylor & Jones. Slate.

CHELSEA, Orange Co. Pop. 1,230. M.O. Tel. Ry. South Royalton, 136.
Gran.—Chelsea Granite Co. Granite.

CHESTER, Windsor Co. Pop. 1,790. M.O. Tel. Ry. 136.
Stone—Union Soapstone Co. Soapstone.

CHESTER DEPOT, Windsor Co. M.O. Tel. Ry. 136. Banking town Proctorsville.
Gran.—E. C. Hutchinson. Granite.

CLARENDON SPRINGS, Rutland Co. Pop. 98. Tel. Ry. West Rutland, 243. Banking town Rutland.
Marb.—Orville Marble Co.

DERBY, Orleans Co. Pop. 2,900. M.O. Banking town and Ry. Newport, 82.
Gran.—Curtis Willey. Granite. Derby quarry.

EAST BARRE, Washington Co. Pop. 253. M.O. Ry. 57.
Gran.—Bianchi Bros. Granite.
Gran.—J. Bianchi & Co. Granite.
Gran.—Bruce & Cadger. Granite.
Gran.—W. M. Carnes. Granite.
Gran.—Coburn & Jones. Granite.
Gran.—E. O. Kent. Granite.
Gran.—Ernest Le Blond. Granite.
Gran.—J. K. Starr. Granite.
Gran.—O. J. Young. Cap. $6,000. Quarry at Barre.

FAIRHAVEN, Rutland Co. Pop. 2,791. M.O. Tel. Ry. 243.
Slate—S. Allen & Co. Slate.
Slate—Bonville Bros. Slate.
Slate—Coulman & Westcott. Open pit. Mill. Steam.
Slate—Eureka Slate Quarry. Slate.
M.S.—Fair Haven Marble & Marbleized Slate Co. Mill. Steam.
Slate—J. H. Fox. Slate.
Slate—Francis & Thomas. Slate. Horse.
Slate—Goodwin, Metcalf & Co. Slate.
Slate—Hatch Hill Slate Works. Slate.
Slate—Hazard Slate Co. (W. F. Parker and S. L. Hazard). S. L. Hazard, gen. mgr. Quarry. 280 days; 15 employes. Slate mill, 300 ft. daily capacity. Steam and water.
Slate—Jones, Owens & Co. P.O. Box 308. John J. Owens, secy. Slate slabs. 50,000 ft.; 264 days; 5 employes. Horse.
Slate—R. E. Lloyd. Slate.
Slate—Lloyd & Jones. Slate.
Slate—M. & J. Maley. Slate.
Slate—O. J. Pierce & Co. Slate.
Slate—Riverside Slate Co. A. H. Merriam, pres., secy. and buyer; B. Merriam, treas. Slate. 150,000 ft.; 300 days; 14 employes. Mill, 800 ft. daily capacity. Steam.
Slate—Scotch Hill Slate Co. Slate.
Slate—M. H. Vail. Slate.
Marb.—Valido Marble Co. Marble.
Slate.—Valley Slate Co. Slate.
Slate—Vermont Red Slate Co. Slate.
Slate—Vermont Union Slate Co. Slate.
Slate—Welsh Slate Co. Slate.
Slate—D. R. Williams. Slate.
Stone—J. W. Williams & Co. Sandstone. Horse.
Slate-M.—A. B. Young, 29 Second st. Cap. $3,000. Slate. Mill, 200 to 300 ft. daily capacity. 325 days; 4 employes. Steam.

FAIRLEE, Orange Co. Pop. 75. M.O. Tel. Ry. 82. Banking town Bradford.
Gran.—Fairlee Granite Works. Harry Parker, pres.; Ex-Gov. Roswell Farnham, secy. and treas.; E. P. Kendall, gen. mgr.; G. A. Dickey, buyer. Cap. stk. $100,000. Fairlee and Rugg quarries. Granite.
Slate—Kendall & Jenkins. P.O. Box 38.

GRAFTON, Windham Co. Pop. 427. M.O. Tel. Banking town and Ry. Bellows Falls, 82; 136; 305.
Stone—J. L. Butterfield.

GRANITEVILLE, Washington Co. M.O. Ry. 57.
Gran.—R. C. Bowers Granite Co., Montpelier. Granite. 1,500 cu. ft. monthly. 250 days; 20 employes. Steam.
Gran.—Vermont Quarry Co., Montpelier. Granite. 250 days; 25 employes. Steam.

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HARDWICK, Caledonia Co. Pop. 1,550. M.O. Tel. Ry. 759.
Gran.—Brush & Curtis. Granite. Crystal Brook quarry. Mill. Horse.
Gran.—Buck Lake Granite Co. Granite.
Gran.—Buck Mountain Granite Co. Granite.
Gran.—R. F. Carter. Granite.
Gran.—Davis & Danforth. Granite.
Gran.—Hardwick Granite Co. Granite. 3,000 ft.; 290 days; 30 employes. Granite mill. Steam.
Gran.—Standard Granite Co. Quarries. Granite.
Gran.—Union Granite Co. Granite. Hardwick quarry. 3,000 ft. J. M. Parks, quarry supt.
Gran.—Woodbury Granite Co. Geo. O. Woodcock, pres.; C. E. Watson, v. pres. and secy.; W. H. Fullerton, treas. and gen. mgr. Cap. stk. $200,000, pd. up. Granite. Quarry at Woodbury.

HYDEVILLE, Rutland Co. Pop. 300. M.O. Tel. Ry. 243. Banking town Fairhaven.
Slate—Billings Slate Co. Slate.
Slate—Eastern Slate Co. Slate.
Slate—R. Hanger Slate Works.
Slate—Lake Bomoseen Slate Co. P.O. Box 22. Cerder Mtn. quarry. 200,000 ft. Steam.
Slate—N. A. Litchfield. Slate.
Slate—Thos. Quinn. Slate.

ISLE LAMOTTE, Grand Isle Co. Pop. 126. Ry. Alburg, 136. Banking town Champlain, N. Y.
Mb.St.—Nelson W. Fisk. Marble and limestone. 10,000 tons. Operate 4 canal boats.
Marb.—E. S. Fleury. Marble.
Stone—Fleury & Goodsell. E. S. Fleury, gen. mgr. Fleury quarry. Limestone. 5,000 yards; 200 days; 15 employes.
Marb.—E. R. Goodsell. Marble.

LEICESTER JCT., Addison Co. Pop. 100. M.O. Tel. Ry. 136. Banking town Brandon.
St.Ct.—Brandon Lime & Marble Co. J. W. Buell, pres.; O. C. Huntley, secy., treas., gen. mgr. and buyer. Cap. stk. $10,000, pd. up. Limestone. 5,000 tons; 12 employes. Cement mill, 16 tons daily capacity. Steam.
Mb.L.—Leicester Marble & Lime Co. Limestone. Lime-kilns. 50,000 bbls. capacity. Steam.
Min.Pt.—Leicester Mineral Paint Co. Mineral paint.

LUDLOW, Windsor Co. Pop. 1,081. M.O. Tel. Ry. 136. Banking town Proctorsville.
Gran.—G. D. Pinney. Granite.

MANCHESTER DEPOT, Bennington Co. Pop. 300. M.O. Tel. Ry. 67. Banking town Manchester Center.
Gran.—Fullerton & Hawley. Granite. Quarry at Woodbury.

MIDDLEBURY, Addison Co. Pop. 1,765. M.O. Tel. Ry. 136.
Marb.—Adams & Bacon. Marble.
Marb.—Smith & Brainerd Marble Co. Marble.

MONTPELIER, Washington Co. Pop. 3,620. M.O. Tel. Ry. 136; 555.
Granite—James M. Boutwell. Cap. $40,000. Granite quarry at Barre.
Granite—R. C. Bowers Granite Co. R. C. Bowers, pres. and gen. mgr.; Fred E. Smith, v. pres.; H. A. Bowers, secy.; W. H. Cowell, treas. Cap. stk. $10,000, pd. up. Granite. Quarry at Graniteville.
Gran.—Co-operative Granite Mfg. & Bldg. Co. C. N. Arms, pres.; Sumner Kimball, v. pres.; H. A. Richardson, secy.; S. L. Howe, treas.; F. E. Donahue, gen. mgr. and buyer. Cap. stk. $250,000, $180,000 pd. up. Lance quarry. 12,500 ft.; 275 days; 10 employes. Stone mill. Water. Sumner Kimball, quarry supt. Also quarry at Windsor.
Gran.—Excelsior Granite Co. Granite.
Gran.—Kelleher Bros. Granite.
Gran.—Lynch & McMann. Granite.
Gran.M.—Chas. H. More & Co., Main st., Barre. Granite mill. Quarry at Barre.
Gran.—Vermont Quarry Co. R. C. Bowers, pres. and gen. mgr.; E. W. Thompson, v. pres.; C. J. Gleason, secy. and treas. Cap. stk. $15,000, pd. up. Quarry at Graniteville.
Gran.—Wetmore & Morse Granite Co., 26 State st. A. Johonnott, pres.; W. E. Adams, v. pres.; C. A. Gale, secy., treas. and buyer. Cap. stk. $100,000, $82,350 pd. up. Quarry at Barre.

MORRISVILLE, Lamoille Co. Pop. 1,300. M.O. Tel. Ry. 759.
Gran.—John Brechin. Cap. $5,000. Granite quarry. 290 days; 40 employes. Granite mill. Steam.

NEWPORT, Orleans Co. Pop. 1,730. M.O. Tel. Ry. 82; 114.
Gran.—Moore Granite Co. Granite.

NORTHFIELD, Washington Co. Pop. 1,222. M.O. Tel. Ry. 136.
Slate—Adams Slate & Tile Co. Slate.
Gran.—Cross Bros. Granite.
Gran. Davis Bros. Granite.
Gran.—Davis & Phillips. Granite.
Gran.—T. D. Edwards & Co. Granite.
Sl.T.—Northfield Slate & Tile Co.
Slate—Union Slate Co. Slate.

PAWLET, Rutland Co. Pop. 1,745. M.O. Tel. Banking town and Ry. Granville, N. Y., 243.
Gran.—S. E. Culver. Granite. Horse.
Slate—Thomas R. Griffiths. Slate. Steam.
Slate—W. H. Hughes. Slate. Steam.
Slate—Norton Bros., Granville, N. Y. Roofing slate. 40,000 squares.
Slate—O. W. Owens Sons. Slate. Steam.
Slate—Rising & Nelson. Slate. West Pawlet quarry. Tunnel and open pit. Steam.
Gran.—Williams & Edwards. Granite. Steam.

PITTSFORD, Rutland Co. Pop. 844. M.O. Tel. Ry. 136; 197a. Banking town Rutland.
Marb.—E. H. Gates. Marble.
Marb.—Smith & Co. Marble.
Marb.—Wheaton Quarry Co. Marble. Wheaton quarry. Steam.

POULTNEY, Rutland Co. Pop. 3,031. M.O. Tel. Ry. 243.
Slate—Armifian Slate Co. Slate.
Slate—Auld & Conger, Cleveland, Ohio. Mammoth Vein quarry. Roofing slate. 100 squares daily. 260 days; 75 employes. Steam. M. J. Jones, quarry supt.
Slate—Buckeye Slate Co. Slate. Buckeye quarry. Steam.
Slate—Carvey & Mohr. Slate.
Stone—J. W. Dean. Sandstone.
Slate—Edwards & Williams. Slate. Steam.
Slate—Griffith & Nathaniel. Slate. Mill.
Stone—Jones, Griffith & Williams. Sandstone.
Slate—Wm. E. Lloyd Slate Co., Fairhaven. Peerless quarry. Mill. Steam.
Slate—Lloyd & Jones. Slate. Steam.
Slate—Minogue & Greer. Slate. Evergreen quarry. Mill. Steam.
Slate—New Empire Slate Co. Slate.
Slate—Owens & Closs, So. Poultney. Idris quarry. Sea Green slate quarry. 300 days; 6 employes.
Slate—G. Parker & Son. Slate.
Slate—Parry & Jones. Slate. Steam.
Slate—J. W. Roberts & Co. Slate.
Slate—Roberts, Jones & Roberts. Slate.
Slate—Vermont Slate Mining Co. Poultney quarry. Tunnel and open pit. Mill. Steam.

PROCTOR, Rutland Co. Pop. 1,760. M.O. Tel. Ry. 136; 197a.
Marb.—Columbian Marble Co. Columbian quarry. Mill. Steam.
Marb.—Vermont Marble Co. F. D. Proctor, pres. and gen. mgr.; F. A. Baker, secy.; E. R. Morse, treas.; G. H. Boyce, buyer. Cap. stk. $3,000,000, pd. up. Marble. 275,000 cu. ft.; 300 days; 1,000 employes. Water, steam and electricity. B. F. Taylor, quarry supt. Also quarry at W. Rutland, and sales office at 2 Wall st., New York.

ROXBURY, Washington Co. Pop. 308. M.O. Tel. Ry. 136. Banking town Northfield.
Marb.—Barney Marble Co., Swanton. Verde Antique quarry. 5,000 cu. ft. Serpentine marble. Also quarry at Swanton.

RUTLAND, Rutland Co. Pop. 8,240. M.O. Tel. Ry. 67; 136; 197a; 243.
Marb.—Clarendon Marble Co.
Machinery—Frenier & Le Blanc. Manufacturers of sand pumps for use in stone and marble mills, and dealers in Kroshite.
Marb.—Temple Bros. Marble. Mill.

RYEGATE, Caledonia Co. Pop. 1,126. Ry. 82. Banking town Wells River.
Gran.—Ryegate Granite Wks. Co. Ryegate quarry. Mill. Water.

SAINT ALBANS, Franklin Co. Pop. 7,777. M.O. Tel. Ry. 136.
Gran.—T. M. Deal. Granite.
Gran.—Fletcher Granite Co. Granite.

SAINT JOHNSBURY, Caledonia Co. Pop. 3,860. M.O. Tel. Ry. 82; 759.
Gran.—Carrick Bros. Granite Co.
Gran.—Kirby Granite Co. Granite.
Gran.—R. W. Laird. Granite.
Gran.—Morron & Forbes. Granite.
Gr.Mb.—St. Johnsbury Granite & Marble Co
Gran.—Somerville & Brown. Granite.

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SOUTH BARRE, Washington Co. Pop. 120. Ry. 136.
Gran.—W. L. Spofford & Co. Granite

SOUTH DORSET, Bennington Co. Pop. 50. Tel. Banking town and Ry. Manchester Center, 67.
Stone—Kent & Root.
Marb.—S. F. Prince & Co. Marble.
Stone—Tyrel & Kent.

SOUTH POULTNEY, Rutland Co. Pop. 300. Banking town and Ry. Poultney, 243.
Slate—Owens & Closs. Robert D. Closs, secy. Quarry at Poultney.

SOUTH RYEGATE, Caledonia Co. Pop. 425. Tel. Ry. 555. Banking town St. Johnsbury.
Gran.—Blue Mountain Granite Works. R. Farquharson, gen. mgr. Cap. $10,000. Blue Mountain quarry. 10,000 ft.; 175 days; 15 employes. Steam.

SOUTH SHAFTSBURY, Bennington Co. Pop. 315. M.O. Tel. Ry. 67. Banking town North Bennington.
Marb.—S. C. Lyons & Bros. Marble.

SOUTH WALLINGFORD, Rutland Co. Pop. 125. M.O. Tel. Ry. 67. Banking town Rutland.
Gran.—Geo. W. Kelley. Cap. $10,000. Quarry at Wellingford.

STOCKBRIDGE, Windsor Co. Pop. 118. Tel. Banking town and Ry. Bethel, 136.
Gold—King Solomon Gold Mining Co., 507 Carter bldg., Boston, Mass. Placer. Hydraulic.
Talc—Tweed River Talc Co.

SWANTON, Franklin Co. Pop. 3,241. M.O. Tel. Ry. 136; 759.
Marb.—Barney Marble Co. John A. Davidson, pres.; Milo W. Barney, secy.; Horace Baxter, treas., gen. mgr. and buyer. Cap. stk. $125,000, pd. up. Marble. 20,000 cu. ft. Water and steam. Also quarry at Roxbury.

VERGENNES, Addison Co. Pop. 1,773. M.O. Tel. Ry. 136.
Gran.—Adirondack Granite Co.

VICTORY, Essex Co. Pop. 150. Tel. Ry. 759.
Marb.—Chas. A. Story. Marble.

WALLINGFORD, Rutland Co. Pop. 1,800. M.O. Tel. Ry. 67. Banking town Rutland.
Marb.—Geo. W. Kelley, S. Wallingford. White and blue marble. 50 to 100 cars. Marble mill, 350 ft. daily capacity.

WASHINGTON, Orange Co. Pop. 210. M.O. Ry. East Barre, 57. Banking town Chelsea.
Marb.—Huntington & Clough. Marble.

WATERBURY, Washington Co. Pop. 960. M.O. Tel. Ry. 136.
Gran.—L. S. Biondin. Granite.

WELLS, Rutland Co. Pop. 360. M.O. Tel. Ry. Granville, N. Y., 243. Banking town Poultney.
Slate—W. E. Roberts. Slate. Horse.

WEST BERLIN, Washington Co. Ry. 136.
Gran.—Chas. Bailey. Granite.
Gran.—T. P. Clay. Granite.
Gran.—J. P. Cobrum. Granite.
Gran.—D. Hewitt. Granite.
Gran.—Trow Jones. Granite.
Gran.—West Berlin Granite Co.
Gran.—W. Wilson. Granite.

WEST CASTLETON, Rutland Co. Pop. 126. Ry. Hydeville, 243. Banking town Fairhaven
Slate—Lake Shore Slate Co. Slate mill, 300 ft. daily capacity.

WEST DERBY, Orleans Co. Pop. 408. Tel. Banking town and Ry. Newport, 82.
Gran.—L. Cleveland. Granite.
Gran.—Moin Granite Co. Granite.

WEST DUMMERSTON, Windham Co. Pop. 99. M.O. Tel. Ry. 136.
Gran.—Jas. Clark. Light granite. 4 employes.
Gran.—G. E. Lyons Granite Co. Granite. 50,000 ft.; 200 days; 75 employes. Steam. Operate ½ mile of ry.; 1 locomotive; 4 cars.

WESTMORE, Orleans Co. Pop. 111. Ry. West Burke, 82. Banking town Island Pond.
Stone—Pike Manufacturing Co., Pike Station. Pike quarry. Sandstone.

WEST PAWLET, Rutland Co. Pop. 410. M.O. Tel. Ry. 243. Banking town Poultney.
Slate—S. C. Denison. Slate. Steam.

WEST RUTLAND, Rutland Co. Pop. 2,720. M.O. Tel. Ry. 197a; 243. Banking town Rutland.
Marb.—Albertson Marble Co., Worcester, Mass. Esperanza quarry. Marble. Mills. Steam.
Marb.—Esperanza Marble Co. (See Albertson Marble Co.)
Marb.—Rutland White Marble Co., Worcester, Mass. Rutland White Marble quarry. Marble. Mill. Steam.
Marb.—Sheldon & Sons. Marble.
Marb.—True Blue Marble Co. True Blue quarry. Marble. Mill. Limekilns, 200 tons daily capacity. Steam.
Marb.—Vermont Marble Co., Proctor. Sheldon quarry. 300 days; 400 employes. Steam and electricity. Geo. C. Robinson, quarry supt. (Output included in quarry at Proctor.)

WHITE RIVER JUNCTION, Windsor Co. Pop. 1,600. M.O. Tel. Ry. 82; 136; 969.
Gran.—Sam Carlton. Granite.
Stone—S. S. Ordway & Co.

WILLIAMSTOWN, Orange Co. Pop. 1,150. M.O. Tel. Ry. 136. Banking town Chelsea.
Gran.—Lynde & Cheney. Granite. Mill.
Gran.—Wells, Lamson & Co., Barre. Granite. 20,000 ft.; 300 days; 30 employes. Steam.
Gran.—Williamstown Granite Co. Granite.

WINDSOR, Windsor Co. Pop. 1,490. M.O. Tel. Ry. 82; 136.
Gran.—Ascutney Granite Co. Granite.
Gran.—Co-operative Granite Mfg. & Bldg. Co., Montpelier. Lawrence quarry. 12,500 ft.; 275 days; 10 employes. Stone mill. Water. Chas. Lawrence, quarry supt.

WOODBURY, Washington Co. Pop. 812. Ry. Hardwick, 759. Banking town Montpelier.
Gran.—Jas. M. Fraser & Son, 68 Merchant st., Barre. Granite. Lake View quarry. 2,000 ft.; 7 employes.
Gran.—Fullerton & Hawley, Manchester Depot. Granite. Corkscrew quarry.
Gran.—Thomas & Fullerton. Granite.
Gran.—H. W. Town & Co. Granite.
Gran.—Woodbury Granite Co., Hardwick. Mountain and Lake quarries. Granite mill.

VIRGINIA

ABBOTT, Craig Co. Pop. 19. Banking town and Ry. Craig City, 150.
Slate—J. Sellers.

ABINGDON, Washington Co. Pop. 1,680. M.O. Tel. Ry. 608.
Coal—O. Barrett. (Local.)

ALBERENE, Albemarle Co. M.O. Ry. 838. Banking town Charlottesville.
Stone—Albemarle Soapstone Co., New York. Soapstone.

ALDIE, Loudoun Co. Pop. 150. M.O. Banking town and Ry. Leesburg, 838.
Marb.—Geo. Carter. Marble.

ALEXANDRIA, Alexandria Co. Pop. 15,000. M.O. Tel. Ry. 51; 150; 838.
Stone—Fairfax Soapstone Co. Soapstone.

ALLENS CREEK, Amherst Co. Pop. 90. Ry. 150. Banking town Lynchburg.
Iron—J. C. Mundy.

ALLISONIA, Pulaski Co. Pop. 190. M.O. Tel. Ry. 608. Banking town Pulaski City.
Zinc—Forney Mining Co., Wytheville. Tunnel and shaft. Sulphide ores.

ALMOND, Rockingham Co. Ry. 608. Banking town Harrisonburg.
Iron—A. Shaver.

AMELIA, Amelia Co. Pop. 380. M.O. Tel. Ry. 838. Banking town Richmond.
Mica—B. Robertson.

ARVONIA, Buckingham Co. Pop. 67. M.O. Tel. Ry. 150. Banking town Scottsville.
Slate—Big Quarry Slate Co. Big quarry. Steam.
Slate—J. W. Edwards. Cap. stk. $20,000, pd. up. 10,000 squares. 250 days; 70 employes; steam.

AUSTINVILLE, Wythe Co. Pop. 73. Tel. Ry. 608. Banking town Wytheville.
Iron—Indian Camp Mining Co., 318 Front St., Baltimore, Md. Indian Camp mine. Open pit. Limonite and hematite ores; 30,000 tons. Julius Stern, mine supt.
L.Z.—Wythe Lead & Zinc Mine Co. D. P. Graham, pres.; W. J. Raper, v. pres.; R. W. Sanders, secy.; John C. Raper, treas., gen. mgr. and buyer. Cap. stk. $400,000, pd. up. Wythe lead mine. Shaft 242 ft.; tunnel 2,000 ft. Lead, zinc and iron ore; 300 days; 125 employes. Electricity and water. Smelter, 500 tons annual capacity. Operate 2½ miles Ry.; 1 locomotive; 20 cars. Jno. C. Raper, mine supt.

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BALCONY FALLS, Rockbridge Co. Pop. 212. Tel. Ry. 150. Banking town Buenavista.
Iron—Echols Co.
Stone—Locker & Co.
Slate—Virginia Slate Mining Co.

BASHAM, Floyd Co. Pop. 98. Banking town and Ry. Christiansburg, 608.
Gold—P. F. Shelton.

BEALETON, Fauquier Co. Pop. 273. M.O. Tel. Ry. 838. Banking town Warrenton.
Iron—Leopold Mining Co.

BERMUDA HUNDRED, Chesterfield Co. Pop. 112. Ry. name Bermuda, 303.
Min.P.—Bermuda Ochre Co. Ochre mill.

BICKLEY MILL, Russell Co. Pop. 73. M.O. Ry. Castlewood, 608. Banking town Pennington Gap.
Gold—R. W. Dickenson.
Coal—N. Holbrook.

BIGSTONE GAP, Wise Co. Pop. 396. M.O. Tel. Ry. 70; 479; 836. Banking town Pennington Gap.
Iron—Appalachian Steel & Iron Co. Red Fossil mine. Tunnel.
B.Coal—R. A. Ayers.
B.Coal—Bigstone Gap Colliery Co., New York. Drift.
Iron—Bigstone Gap Iron Co. S. Zorn, pres.; Chas. T. Ballard, v. pres.; Oscar Fenley, secy. and treas.; R. C. Ballard Thurston, gen. mgr. Tunnel and open pit. Fossil ore. 50,000 tons. Furnace; 80 tons daily. Operate 2½ miles tramway. H. J. Johns, mine supt.
B.Coal—Sprole & Harris.
Stone—J. K. Taggert.
Coal-I.—Virginia Coal & Iron Co.

BLACKSBURG, Montgomery Co. Pop. 875. M.O. Tel. Ry. Christiansburg, 608.
B.Coal—Wm. A. Bell. (Local.)
B.Coal—Blacksburg Mining Co.
B.Coal—C. P. Kandle. (Local.)
Stone—Kanode Bros.
B.Coal—Kanode & Glussner. Slussus mine. Slope. Open pit.
S.-A.Coal—Kinzer & Schaeffer. Vicar Switch. Stroubles Creek mine. (Semi-A. coal.) Slope, 100 ft.; tunnel, 900 ft.; 1,000 tons; 100 days; 5 employes. Steam. Breaker.
B.Coal—M. Kipps. (Local.)
B.Coal—Smith & Hawkins. (Local.)

BLAND, Bland Co. Pop. 575. M.O. Banking town and Ry. Wytheville, 608.
B.Coal—W. G. Dunn. (Local.)
B.Coal—T. M. Harmon. (Local.)
B.Coal—Stephen & Lambert. (Local.)

BLUERIDGE SPRINGS, Botetourt Co. Pop. 225. M.O. Tel. Ry. Blueridge, 608. Banking town Roanoke.
Iron—Bedford Iron & Manufacturing Co.

BRENTSVILLE, Prince William Co. Pop. 213. Ry. Bristow, 838. Banking town Alexandria.
Stone—Brentsville & Bristowe Stone Co.

BROOKLYN, Halifax Co. Pop. 37. Ry. Paces, 838. Banking town South Boston.
Iron—Frank Lyman.

BUCHANAN, Botetourt Co. Pop. 802. M.O. Tel. Ry. 150; 608.
Iron—Arcadia Iron Co. Hartford, Conn. Red and brown hematite. (Idle.)
Stone—B. F. Breeden.
Iron—Houston Mining Co.
Stone—Geo. O. Houston & Co. Limestone.
Stone—John Sexton. Buchanan quarry. Limestone. Mill. Steam.
Stone—J. F. Wilson. Limestone.

BUCKINGHAM, Buckingham Co. Pop. 275. M.O. Ry. Dillwyn, 150. Banking town Scottsville.
Gold—P. A. Forbes.
Gold—J. B. Gillian.

BUENAVISTA, Rockbridge Co. Pop. 1,044. M.O. Tel. Ry. 150; 608.
B.Fur.Coal—Buena Vista Steel Co., Philadelphia. Open hearth and two 15 gross ton furnaces; one 26-in. blooming mill. Bituminous coal mines.
C.E.—W. J. Hurlbut, Civil Engineer and Surveyor. Geology and Mineralogy.
Iron—Richpatch Iron Co. Lowmoor.
B.Coal—South Buena Vista Land & Improvement Co.

BUFFALOGAP, Augusta Co. Pop. 62. Tel. Ry. 150. Banking town Staunton.
Iron—Buffalo Gap Iron Mines.
B.Coal—Elliot's Knob Iron & Coal Co.

BYRDVILLE, Pittsylvania Co. Pop. 89. Ry. Cascade, 278. Banking town Danville.
Slate—J. R. Noel.

CABIN HILL, Shenandoah Co. Pop. 68. P.O. Conicville. Ry. Bourmans, 49.
Iron—S. D. Mumaw.

CAMBRIA, Montgomery Co. M.O. Tel. Banking town and Ry. Christiansburg, 608.
B.Coal—Sinkous & Kipps. Bruce and Brush Mt. mines. Slope.
Silv.—Yarbrough & Watters. Florence mine. Silver. Open pit.

CAMPCREEK, Floyd Co. Pop. 37. Banking town and Ry. Christiansburg, 608.
Gold—J. B. Holley.
Gold—Miles Sumner.

CASTLECRAIG, Campbell Co. Pop. 78. Ry. Lynch Station, 838.
Stone—W. G. Douglas.

CEDARBLUFF, Tazewell Co. Pop. 302. M.O. Tel. Ry. 608. Banking town Richlands.
B.Coal—T. H. John. (Local.)

CHAMBERSVILLE, Frederick Co. Banking town and Ry. Winchester, 49; 235.
Slate—Jasper Williams.

CHARLOTTEVILLE, Albemarle Co. Pop. 5,591. M.O. Tel. Ry. 150; 838.
B.Coal—Logan County Coal & Coke Co.
Chem.—J. W. Mallet, Professor of Chemistry, University of Virginia.
B.Coal—Pigeon Creek Coal & Coke Co.
Stone—Virginia Soap Stone Slate Pencil Co. M. Kaufman, pres.; A. C. Brecbin, sect.; C. T. O'Callaghan, gen. mgr. Cap. $2,000. Quarry and mill. 1,200 cases of 10,000 each. 250 days; 35 employes. Steam.

CHATHAM HILL, Smyth Co. Pop. 183. Ry. Glade Spring, 608. Banking town Marion.
Gyp.—J. H. Buchanan. Gypsum.
Gyp.—W. A. Buchanan. Gypsum.
Gyp.—J. M. Guyn. Cove mine. Gypsum.

CHECK, Floyd Co. Ry. Christiansburg, 608. Banking town Roanoke.
Gold—Joseph Walters.
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CHESTNUT, Amherst Co. P.O. Pleasant View. Ry. Amherst, 838.
Slate—Amherst Slate Quarry.

CHILDRESS, Montgomery Co. Pop. 37. Banking town and Ry. Christiansburg, 608.
Iron—H. C. Meredith.
Iron-Man.—Pilot Knob Mining Co. Directors, J. A. Calfee, T. L. Howard, Joseph Searls, T. W. Spindle. Calfee mine. Tunnel 300 ft. Iron, manganese, lead and zinc. Also discovered 14 ft. vein ochre in sinking shaft. (Idle.)

CHRISTIANSBURG, Montgomery Co. Pop. 2,000. M.O. Tel. Ry. 608.
G.S.—J. A. Dalby & Co. Roanoke. Florence Alma mines. 5 shafts. (Developing.)
Iron—Kingston Iron Co.
Attys.—Phlegar & Johnson (Archer A. Phlegar, John A. Johnson), Attorneys at Law. Practice in Montgomery, Pulaski and Roanoke County Courts and Court of Appeals. Compilers of the Laws of Virginia for the RECORD.
Lm.Ct.—Virginia Lime & Cement Co. Limestone.

CHURCHWOOD, Pulaski Co. Pop. 346. M.O. Ry. 608. Banking town Radford.
B.Coal—Belle Hampton Coal & Iron Co (J. Hoge Tyler and Jno. L. Hurt, props.). Belle Hampton mine. Tunnel. 1,200 tons. 300 days; 25 employes. Steam.
B.Coal—Hon. J. Hoge Tyler.

CLIFTONFORGE, Alleghany Co. Pop. 1,795. M.O. Tel. Ry. 150.
Iron—Allegheny Mining Co.
Iron—Allegheny Trading Co.
Iron—A. E. White.

COEBURN, Wise Co. M.O. Tel. Ry. 608. Banking town Pennington Gap.
B.Coal—Coeburn Colliery Co. C. C. Jones, gen. mgr.
B.Coal—Crescent Coal Co. Isaac Reese, gen. mgr.
B.Coal—Jones Coal & Coke Co. J. P. Jones, gen. mgr.
B.Coal—Kentucky Coal & Coke Co. S. S. Smith, gen. mgr.
B.Coal—Lee Coal & Coke Co. A. J. White, mgr.
A.Coal—Pine Run Coal & Coke Co. C. C. Jones, gen. mgr. Ada mine. Tunnel.
B.Coal—Sexton Coal & Coke Co. Thos. Anderson, gen. mgr.
B.Coal—Speedwell Coal & Coke Co. Job. Whitehead, gen. mgr.
B.Coal—Swansea Coal Co. W. H. Aston, pres., treas. and gen. mgr.; T. J. Jones, v. pres.; A. W. Aston, secy.; F. Campbell, buyer. Cap. stk. $20,000 pd. up. Swansea mine. Tunnel, 1,800 ft.; 27,000 tons; 50 employes. Horse. W. H. Johns, mine supt.
B.Coal—Wise County Coke Co. W. J. Brown, mgr.

COLUMBIA, Fluvanna Co. Pop. 240. M.O. Tel. Ry. 150. Banking town Scottsville.
Gold—Tagus Mining & Milling Co.

CONCORD DEPOT, Campbell Co. Pop. 168. M.O. Ry. 608. Banking town Lynchburg.
G.S.—Wm. P. Jinnings. (Developing.)
Iron—John Wilson.

COVINGTON, Alleghany Co. Pop. 704. M.O. Tel. Ry. 150.
Iron—Allegheny Iron Mountain Mining Co.
Stone—J. S. Ham.
B.Fur.—Lowmoor Iron Co. of Virginia. Lowmoor. Covington furnace. One stack, 75x18 ft. Coke. Pig iron, 30,000 tons.

CRAIGSVILLE, Augusta Co. Pop. 200. M.O. Tel. Ry. 150. Banking town Staunton.
Stone—Virginia Iron & Ry. Co. Goshen Bridge. Craigsville quarry. Limestone. 60,000 tons, used for fluxing in Co.'s iron furnaces. W. J. Mahoney, quarry supt.
Iron—Virginia Iron & Ry. Co. Goshen Bridge. Victoria mine. Brown hematite. 50,000 tons annual output.

CULPEPER, Culpeper Co. Pop. 1,620. M.O. Tel. Ry. 150; 838.
Gran.—John F. Rixery. Mt. Pony quarry. (Idle.)
Stone—J. S. Smith.
Stone—Chas. Waite.

DAYTON, Rockingham Co. Pop. 286. M.O. Ry. 150a. Banking town Harrisonburg.
Slate—E. Lomar.

DEERFIELD, Augusta Co. Pop. 53. Banking town and Ry. Staunton, 49; 150.
B.Coal—Wm. G. M. Bulger.

DELTON, Pulaski Co. Ry. 608. Banking town Pulaski City.
Iron—Clarks Ore Bank.

DRYBURG, Halifax Co. Pop. 40. Ry. Scottsburg, 838. Banking town Pennington Gap.
B.Coal—Charlotte Mining Co.

DUBLIN, Pulaski Co. Pop. 410. M.O. Tel. Ry. 608. Banking town Radford.
B.Coal—J. D. Howe.
A.Coal—D. M. Cloyd. Semi-A. coal. Tunnel, 140 ft. 500 tons. (Local.)
B.Coal—Tyler & Hurt.

ESMONT, Albemarle Co. Ry. Faber Mills, 838. Banking town Charlottesville.
Slate—Hamlett Slate Co. R. E. Shaw, pres., gen. mgr. and buyer; M. E. Shaw, secy. and treas. Cap. stk. $40,000 pd. up. Hamlett quarry. Half-carload roof slate daily; 25 to 40 employes. Steam.
Slate—W. G. Merrick.

EVINGTON, Campbell Co. Pop. 103. M.O. Tel. Ry. 838. Banking town Newport News.
Iron—C. V. Haden.

FINCASTLE, Botetourt Co. Pop. 763. M.O. Tel. Ry. Springwood, 208.
Marb.—Beckley Marble Co. Beckley quarry. Lithographic stone, marble, marble mills. Steam.
S.M.—Fincastle Stone & Marble Co. Lithographic stone, marble, stone and marble mills. Steam.
Stone—A. A. McClentis.
Stone—S. F. Patterson. Limestone quarry and lime kilns. 2,000 bbls.; 150 days; 20 employes. Cap. $4,000. Shipping point, Troutville.
Iron—K. B. Stoner.
Stone—R. Thompson.

FLAGPOND, Scott Co. Pop. 26. Ry. Duffield, 836.
Silv.—G. W. Robinett. Silver.

FLINT, Floyd Co. Pop. 48. Banking town and Ry. Christiansburg, 608.
Gold—W. J. Harvey.

FORK UNION, Fluvanna Co. Pop. 106. Ry. Bremo, 150. Banking town Scottsville.
Gold—Craig & Reaves. Philadelphia, Pa. Hughes mine.

FORT BLACKMORE, Scott Co. Pop. 197. M.O. Ry. 836. Banking town Gate City.
B.Coal—J. D. Boatwright.
B.Coal—C. P. Carter.

FOSTER FALLS, Wythe Co. Pop. 296. M.O. Tel. Ry. 608. Banking town Wytheville.
Iron—G. L. Carter.
Iron—Foster Falls Mining & Manufacturing Co. Foster and Hammer mines. Open pit. Steam. Water.
Iron—Hematite Co.
Iron—Bank Homer.
Iron—A. M. Oglesby.
Iron—Orchard Bank.

FREDERICKSBURG, Spottsylvania Co. Pop. 4,528. M.O. Tel. Ry. 703; 730.
Gran.—Bridgewater & Forge Gran. & Lumber Co. Granite. Mill. Electricity.

GARDNERS, Russell Co. Pop. 32. Ry. 608.
Stone—Albemarle Soapstone Co.

GATE CITY, Scott Co. M.O. Tel. Ry. 836.
Slate—Edwards & Roberts.

GAYTON, Henrico Co. Pop. 12. Ry. 890a.
A.&B.Coal—Richmond Coal Mining and Manufacturing Co., 10 S. 9th St., Richmond. Semi-A. & B. coal. 50,000 tons; 300 days; 250 employes. Steam. 5 miles ry.
A.&B.Coal—Virginia Coal and Coke Co., 10 S. 9th St., Richmond. Semi-A. & B. coal. 50,000 tons; 300 days; 200 employes. Steam. Breaker and tipper. 6 coke ovens. 5 miles ry.; 1 locomotive; use C. & O. cars. A. Reese, mine supt.

GLEN WILTON, Botetourt Co. Pop. 455. M.O. Tel. Ry. 150. Banking town Fincastle.
Iron—D. J. Cook. Wrightsville, Pa. Wilton mine. Tunnel, 3,000 ft. Brown hematite. 2,800 tons; 290 days; 175 employes. Steam. Furnace, 50 tons daily capacity. Operate 2 miles of ry.; 1 locomotive; 20 cars. R. J. Rahl, mine supt.

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GLEN WILTON—Continued.
Iron—Eureka Iron Co.
B.Fur.—Princess Furnace. D. S. Cook, prop. Wrightsville. One stack, 60x12½. Coke. Pig iron. 15,000 gross tons. Brand, "Princess."

GOSHEN BRIDGE, Rockbridge Co. M.O. Tel. Ry. 150. Banking town Staunton.
B.Fur.—Victoria Furnace Co. Blast furnace.
Iron—Virginia Iron & Ry. Co. H. D. Turney, Columbus, O., pres.; Thos. D. Rason, Staunton, v. pres.; C. J. Johnston, secy. and treas.; Wm. J. Mahoney, supt.; L. J. Lemert, buyer. Cap. stk. $1,000,000, pd. up. Victoria mine. Brown hematite. 50,000 tons; 600 employes.
Stone—Limestone quarry. 60,000 tons, used for fluxing in Co.'s iron furnace.
B.Fur.—One stack, 78x18 ft. Coke. Pig iron. 50,000 tons. Brands, "Goshen," "Rockbridge." Selling agts., Matthew Addey & Co., Cincinnati, O.

GOSPORT, Norfolk Co. Pop. 100. P.O. and Ry. Portsmouth, 39.
Phos.—American Fertilizer Co. Norfolk.

GRAHAMS FORGE, Wythe Co. Pop. 176. M.O. Tel. Ry. Max Meadows, 608. Banking town Wytheville.
B.Fur.—Graham & Robinson. Blast furnace.

GRANITE, Chesterfield Co. Pop. 152. M.O. Ry. 838. Banking town Richmond.
Gran.—McIntosh & Raney. Granite.
Gran.—Virginia State Granite Co.

GRAVEL HILL, Buckingham Co. Pop. 37. Ry. Alpha 150. Banking town Scottsville.
Iron—J. R. Ayres.
Gold—West Bros. Shaft. Free milling ore. (Developing.)
Gold—J. A. West, Agt. Greely mine. Open pit and shaft. Refractory and free milling ore. (Idle.)

GREENWAY, Nelson Co. Pop. 48. Ry. 150. Banking town Lynchburg.
Iron—Greenway & Walker.
Iron—W. H. Harris.

GRUNDY, Buchanan Co. Pop. 125. Ry. Doran, 608. Banking town Richland.
B.Coal—M. E. Rowe. (Local.)

HARDWARE, Fluvanna Co. (P.O. Seven Islands.) Ry. 150.
Stone—D. I. Carroll & J. H. Seven. Sandstone.

HAYMAKERTOWN, Botetourt Co. Pop. 26. Ry. Springwood, 150. Banking town Fincastle.
B.Coal—J. F. Gardner. (Local.)

HERNDON, Fairfax Co. Pop. 790. M.O. Tel. Ry. 838. Banking town Alexandria.
Stone—Herndon Stone Co. Washington, D. C. Sandstone.

HONAKER, Russell Co. Pop. 176. M.O. Tel. Ry. 608 Banking town Richland.
B.Coal—J. Jordan. (Local.)
B.Coal—Norman Thompson. (Local.)

HONEYVILLE, Page Co. Pop. 25. Banking town and Ry. Luray, 608.
Iron—Emanuel Alger.

HUFFVILLE, Floyd Co. Pop. 23. Banking town and Ry. Christiansburg, 608.
Gold—De Forrest & Co.
Gold—John Walters.

HURT'S STORE, Pittsylvania Co. P.O. Hurt. Ry. 838. Banking town Chatham.
Man.—Jno. L. Hurt. Manganese and barytes mine. (Idle.)

INDIANROCK, Botetourt Co. Pop. 30. Tel. Ry. 150. Banking town Fincastle.
Stone—E. Dillon and Co. (E. Dillon and J. C. Paxton). Limestone quarry and lime kilns. 40,000 tons stone; 75,000 bbls. of lime; 150 employes. Steam for drills. 2 miles tramway; 8 cars.

IRENE, Loudoun Co. Pop. 20. Ry. Hamilton, 838. Banking town Leesburg.
Slate—R. W. Bradin.

IRONGATE, Alleghany Co. M.O. Tel. Ry. 150. Banking town Cliftonforge.
I.Fur.—Allegheny Iron Co. New York. Mary Hill and Fossil mines. Tunnel. Open pit. Steam. Allegheny furnace. One stack. Coke. Foundry pig iron. 25,000 tons capacity.
Stone—T. C. Jones. Limestone.
Iron—Jas. Woodson.

IVANHOE FURNACE, Wythe Co. P.O. Ivanhoe. Banking town and Ry. Wytheville, 608.
I.Fur.—Cripple Creek Iron Mfg. Co. Iron and furnace.
B.Fur.—New River Mineral Co. New York. Blast furnace.

JONESVILLE, Lee Co. Pop. 420. M.O. Ry. Ocoonita, 479.
B.Coal—Pennington Gap Coal Co.

KESWICK, Albemarle Co. Pop. 65. M.O. Tel. Ry. 150. Banking town Charlottesville.
Slate—H. E. Magruder.

LEXINGTON, Rockbridge Co. Pop. 3,058. M.O. Tel. Ry. 49: 150.
Tin—Virginia Tin Mining & Mfg. Co.

LIBERTY FURNACE, Shenandoah Co. Pop. 63. Ry. Edenburg, 49. Banking town Woodstock.
I.B.Fur.—Liberty Iron Co., Philadelphia. Iron and blast furnace. Shaft, tunnel and slope. Steam and water. Liberty Furnace.

LITTLE RIVER, Floyd Co. Pop. 39. Banking town and Ry. Christiansburg, 608.
Gold—W. H. Haeman.

LODEBAR, Nelson Co. Pop. 35. Ry. Afton, 150. Banking town Charlottesville.
Copp.—R. W. Allen. Copper.

LONG CREEK, Louisa Co. Pop. 30. Ry. 150. Banking town Richmond.
B.Coal—Geo. McCoy.

LONGDALE, Fairfax Co. (P.O. Alexandria.) Ry. 51. Banking town Cliftonforge.
I.S.Fur.—Longdale Iron Co. Philadelphia, Pa. Iron, stone and blast furnace.

LONGS SHOP, Montgomery Co. Pop. 27. Banking town and Ry. Christiansburg, 608.
B.Coal—L. E. Kiss. (Local.)
A.Coal—H. C. Whitaker. Lick Run mine. Tunnel, 175 ft.; 2 employes. (Local.)

LOWMOOR, Alleghany Co. Pop. 1,000. M.O. Tel. Ry. 150. Banking town Cliftonforge.
I.Fur.St.—Lowmoor Iron Co. Brown hematite ore. Shaft. Tunnel. Steam. Furnace.
Lowmoor quarry. Limestone. Steam.
B.Fur.—Lowmoor Iron Co. of Virginia. Two stacks, one 74x18, one 80x18. Seven Whitwell stoves. Coke. Pig iron. Brand, "Lowmoor."
Stone—B. J. Shrikey. Limestone.

LYNCHBURG, Campbell Co. Pop. 20,000. M.O. Tel. Ry. 150; 608; 838.
B.Coal—Arlington Coal & Coke Co. T. W. Gilliam, pres.; S. P. Halsey, v. pres.; J. R. Gilliam, secy. and treas.; Jos. Johnston, gen. mgr. and supt.; R. H. Palmer, buyer. Cap. stk. $75,000 pd. up. Mines at McDowell and Gilliam, W. Va.
Iron—Blue Ridge Co.
B.Coal—Gilliam Coal & Coke Co. Mine at Gilliam, W. Va.
B.Fur.—E. B. Grubb. Lynchburg furnace. One stack, 60x11¾. Two hot-blast stoves. Coke. Pig iron, 12,500 gross tons capacity.
Stone—Lynchburg Construction Co.
B.Fur.—Lynchburg Iron Co. Leased to E. B. Grubb.
Slate—Virginia Slate Mining Co. Chas. E. Heald, pres.; R. H. T. Adams, treas. Cap. stk. $65,000 pd. up. Quarry at Snowden.
Stone—Wood & Co. Limestone.

LYNCH STATION, Campbell Co. Pop. 215. M.O. Tel. Ry. 838. Banking town Lynchburg.
Iron—M. L. Bishop.
Iron—M. T. C. Merritt.

MANASSAS, Prince William Co. Pop. 560. M.O. Tel. Ry. 150: 838. Banking town Alexandria.
Stone—May Brownstone Co. Brownstone.
Stone—John R. Tillett. Stonewall quarry. Sandstone. Steam.

MANCHESTER, Chesterfield Co. Pop. 9,300. M.O. Tel. Ry. 838.
Gran.—Standard Granite Co. Richmond. Standard quarry. Steam.

MANSFIELD, Louisa Co. Ry. Mineral City, 150. Banking town Richmond.
Gold—L. C. McGehie.
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MARBLE VALLEY, Augusta Co. Pop. 30. Ry. Staunton, 49; 150.
Iron—Henry Garber.
Iron—G. S. Rushmissille.

MARION, Smyth Co. Pop. 1,680. M.O. Tel. Ry. 608.
Bar.—Glen Mills Barytes Co.
Iron—J. M. Luther.
Iron—Staley's Creek Manganese & Iron Co. A. C. Cummings, pres.; Jno. S. Apperson, secy. and treas.; John M. Preston, gen. mgr. Cap. stk. $45,000, $41,500 pd. up. Currier Valley mine. Open cut. Iron and manganese. Brown hematite ore.
Preston mine. Iron and manganese. Brown hematite. (Idle.)

MARTINSVILLE, Henry Co. Pop. 1,900. M.O. Tel. Ry. 238; 608.
Iron—Kellar & Co.

MASONS STORE, Russell Co. Pop. 50. Ry. Castlewood, 608. Banking town Pennington Gap.
Iron—A. M. Hartsook.

MAX MEADOWS, Wythe Co. Pop. 180. M.O. Tel. Ry. 608. Banking town Wytheville.
B.Fur.—Max Meadows Iron Co., Bullit Bldg., Philadelphia. One stack, 75x17. Three Whitwell stoves. Coke. Pig iron. 40,500 tons.

MAXWELL, Tazewell Co. Ry. 608. Banking town Tazewell.
G.Sand—Richlands Flint Glass Co., Richlands. Glass sand pit. Fifteen tons daily capacity.

MEADOW MILLS, Frederick Co. Pop. 55. Ry. 49. Banking town Winchester.
Slate—W. & J. Hottell.
Iron—J. W. Smalls.
Slate—A. Stickley.

MIDDLETOWN, Frederick Co. Pop. 420. M.O. Tel. Ry. 49. Banking town Winchester.
Iron—J. Wilson Smellie. Meadow Mills. Red hematite. (Idle.)
Geol.&M.E.—Theo. von Ringharz, Mining Engineer and Field Geologist.

MIDLOTHIAN, Chesterfield Co. Pop. 380. M.O. Ry. 838. Banking town Richmond.
B.Coal—Blackheath mines.
B.Coal—Midlothian Coal Co., 10 S. 9th St., Richmond.
B.Coal—Southern Coal & Iron Co., Richmond.
B.Coal—Virginia Coal & Coke Co., New York.

MINERAL CITY, Louisa Co. M.O. Tel. Ry. 150. Banking town Charlottesville.
M.E.—William H. Adams, Mining Engineer.
Copp.—Arminius Chemical Co. Rowland F. Hill, New York, pres.; J. F. Kernochan, New York, v. pres.; William Man, New York, secy. and treas.; Wm. H. Adams, M. E., gen. mgr. and buyer. Cap. stk. $500,000 pd. up. Arminius Copper mines. Slope, shaft and open pits. 30,000 tons. Concentrator, 10,000 tons; 150 employes. Wm. H. Adams, M. E., mine supt.
Arminius mine. Shafts, 640, 450, 190 ft. Tunnel, 240 ft. Slopes and open pits. Iron and copper pyrites. 35,000 tons; 300 days; 130 employes. Steam. 2½ miles railroad, op. by C. & O. Ry. W. H. Adams, mine supt.

MONTVILLE, Botetourt Co. Ry. 608.
Man.—Roanoke Land & Manganese Co., Roanoke. Manganese. Shaft, 203 ft. Tunnels, 107, 47, and 50 ft. 12,000 tons; 28 employes. Steam.
Layman mine. Open cut. 570 ft. Iron. 30,000 tons; 36 employes. Steam.

MORRISVILLE, Fauquier Co. Pop. 40. Ry. Bealeton, 838. Banking town Warrentown.
Gold—Bancroft mine. Shaft, 200 ft. Free ore. Steam. (Idle.)
Gold—Kelley mines.
Gold—Elliott Little.

MOUNT ATHOS, Campbell Co. Pop. 40. Ry. 150. Banking town Lynchburg.
Iron—A. D. Leet.

MOUNT JACKSON, Shenandoah Co. Pop. 660. M.O. Tel. Ry. 49.
Iron—T. W. Allen.

MOUNTVILLE, Loudoun Co. Pop. 30. Ry. Purcellville, 838. Banking town Leesburg.
Marb.—Virginia Marble Co. Marble.

NEW CANTON, Buckingham Co. Pop. 180. M.O. Ry. 150. Banking town Scottsville.
Slate—E. D. Jones & Co.

NEW STORE, Buckingham Co. Pop. 60. Banking town and Ry. Farmville, 608.
Gold—W. E. Gilliam.

NICKELSVILLE, Scott Co. Pop. 75. Banking town and Ry. Gate City, 836.
B.Coal—L. Dickinson. (Local.)
Slate—G. L. Kilgore.
B.Coal—R. C. Kilgore. (Local.)

NORFOLK, Norfolk Co. Pop. 35,870. M.O. Tel. Ry. 607; 609.
Phos.—Norfolk Marble & Phosphate Co.

OCCOQUAN, Prince William Co. Pop. 300. M.O. Ry. 675. Banking town Alexandria.
Gran.—Consolidated Quarry Co., 8 Sun Building, Washington, D. C. Occoquan quarry. Granite. (Idle.)

OLDTOWN, Grayson Co. Pop. 180. M.O. Ry. Gossan, 608. Banking town Wytheville.
Slate—J. B. Waugh.

OREBANK, Buckingham Co. Pop. 27. Ry. Arvonia, 150. Banking town Scottsville.
Slate—A. L. Pitts.
Slate—J. J. Roberts & Co. Steam.

OTTER RIVER, Campbell Co. Pop. 30. Ry. 838. Banking town Lynchburg.
Stone—O. Peerman. Sandstone.

OVERTON, Albemarle Co. Pop. 23. Banking town and Ry. Charlottesville, 150; 838.
Stone—Standard Soapstone Co.
Stone—Virginia Soapstone Slate Pencil Co., Charlottesville.

PEACH BOTTOM, Grayson Co. Pop. 25. Ry. Gossan, 608. Banking town Wytheville.
Gold—Dr. A. Hampton.

PENDLETONS, Louisa Co. Pop. 25. Ry. 150. Banking town Richmond.
Gold—J. E. Jones.
Gold—J. V. Luce, Niantic, Conn. Incline shaft, 220 ft. Steam. (Idle.)
G.S.—W. H. Thomas, 420 College ave., Indianapolis, Ind. Slate Hill mine. Gold and silver. Incline shaft, 120 ft. Steam.

PETERSBURG, Petersburg City. Pop. 22,690. M.O. Tel. Ry. 608.
Stone—A. B. Cook.
Gran.—Dr. D. Lassite, 13 Tabb St. East View quarry. Granite.
Gran.—Petersburg Granite Quarrying Co. Wm. E. Dibbell, pres.; H. J. Chapman, v. pres.; Egerton Brown, secy.; C. H. Peebles, treas. 20,000 cubic ft.; 280 days; 100 employes. Operate 1 mile R. R.; 1 locomotive.
Stone—J. W. Smith & Son.
Phos.—Virginia-Florida Phosphate Co. Mine at Fort Meade, Fla.

PITTSVILLE, Pittsylvania Co. Pop. 80. Ry. 835. Banking town Chatham.
Iron—E. S. Hutter. Pittsville mine. Shaft, 386 ft. Brown hematite and magnetic ore. Steam. D. L. Jordan, mine supt.

POCAHONTAS, Tazewell Co. Pop. 3,000. M.O. Tel. Ry. 608.
B.Coal—Browning Coal & Coke Co.
B.Coal—James S. Browning.
Atty.—W. W. French, Attorney at Law.
B.Coal—Hull Coal Co.
B.Coal—Laurel Creek Coal & Coke Co.
B.Coal—South-west Virginia Improvement Co. Logan M. Bullett, pres.; Frank A. Hill, v. pres.; Chas. S. Thorne, secy. and treas.; Wm. Lang, gen. mgr.; F. Chalmers, buyer. Pocahontas mine. Tunnel. 950,000 tons; 300 days; 1,850 employes. 650 coke ovens, 600,000 tons. Steam and electricity. Silver Ridge mine. Tunnel. 90,000 tons; 300 days; 175 employes. Electricity. L. L. Baldwin, mine supt.

PORT WALTHALL, Chesterfield Co. Pop. 30. Ry. 39. Banking town Petersburg.
Ochre—Bermuda Ochre Co.

PRICE'S FORK, Montgomery Co. Pop. 29. Ry. Vicars Switch, 608. Banking town Christiansburg.
B.Coal—J. R. Keister. (Local.)

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PRICE'S FORK—Continued.
B.Coal—J. B. Price. Brush Mountain mine. Slope. Tunnel.
C.St.—M. S. Price. Anthracite coal and stone quarry.
Stone—Stewart Price. Mill-stone quarry.
B.Coal—Z. Price. (Local.)
B.Coal—P. P. Sheppard. (Local.)

PULASKI CITY, Pulaski Co. Pop. 3,000. M.O. Tel. Ry. 608.
B.Coal—Altoona Coal Co.
B.Fur.—Dora Furnace Co. Dora furnace. One stack, 75x17. Three Whitwell stoves. Coke. Pig iron, 50,000 gross tons capacity. Brand, "Dora."
Iron—Hughes & Bramlitt.
Chem.—Wm. L. McGavock, Chemist, Pulaski Iron Co.
B.Coal—Peak Creek Coal & Iron Mining Co.
B.Fur.—Pulaski Iron Co., 330 Walnut St., Philadelphia, Pa. One stack, 75x17. Three Whitwell stoves. Coke. Pig iron, 45,000 gross tons.

RADFORD, Montgomery Co. Pop. 3,000. M.O. Tel. Ry. 608.
B.Fur.—Radford-Crane Iron Co., Bullitt Bldg., Philadelphia. Radford-Crane furnace. One stack, 75x18. Four Whitwell stoves. Coke. Pig iron, 50,000 gross tons. Brand, "Radford-Crane."
A.Coal—Virginia Hard Coal Co. Slope. Tunnel. Steam.

RADFORD FURNACE, Pulaski Co. Pop. 30. Ry. Allisonia, 608. Banking town Pulaski City.
B.Fur—Radford Iron Co., 400 Chestnut St., Philadelphia. Radford furnace. One stack, 35x10, warm blast. 2,500 gross tons.

REED ISLAND, Pulaski Co. Ry. 608. Banking town Pulaski City.
Iron—Reed Island Iron Co.

RICEVILLE, Pittsylvania Co. Pop. 30. Ry. Elba, 838. Banking town Danville.
B.Coal—V. Witcher. (Local.)

RICHLANDS, Tazewell Co. M.O. Tel. Ry. 608.
B.Coal—Richlands Coal Co. S. P. Griffitts, gen. mgr.
G.Sand—Richlands Flint Glass Co. Dr. Otto M. Roberts, pres.; E. Eddeson, v. pres.; Geo. R. Dunn, secy.; Francis Storm, treas. Cap. stk. $45,000 pd. up. Glass sand. Pit at Maxwell.

RICHMOND, Henrico Co. Pop. 82,000. M.O. Tel. Ry. 39; 150; 730; 838.
Stone—Peter Copeland.
B.Coal—Gayton Coal Co.
Stone—Hankins, Mosby & Co. Sandstone.
Gran.—Hutcheon & Donald, 211 6th St. Granite.
G.S.—Long Creek Co. Gold and silver.
Marb.—Marion Mining & Marble Co.
Stone—Middendorf & Donald.
B.Coal—Midlothian Coal Co., 10 S. 9th St. John C. Haddock, pres.; Ware B. Gay, M. E., v. pres.; W. S. Hurst, treas. Cap. stk. $300,000 pd. up. Mine at Midlothian.
Stone—J. B. Mitchell & Co., Canal & 7th Sts.
Roll.M.—Old Dominion Iron and Nail Wks. Co. Arthur B. Clarke, pres., treas. and buyer. Cap. stk. $300,000 paid up. 15 puddling and 11 heating furnaces; 6 trains rolls, two 9, three 18, and one 20 inches; 300 days; 600 employes. Water and steam. Nails, bar iron, horse shoes, and tin plate, 100,000 tons. 2 miles R.R.; 1 locomotive; 20 cars. R. M. Blankenship, gen. supt.
B.Coal—Old Dominion Mining Co.
Atty.—S. S. P. Patterson, Attorney at Law, 5 Shafers Bldg.
A.B.Coal—Richmond Coal Mining and Manufacturing Co., 10 So. 9th St. Ware B. Gay, M. E., pres., gen. mgr. and buyer. Cap. stk. $1,000,000 pd. up. Semi-A. & B. coal. Mine at Gayton.
Gran.—Richmond Granite Co., 911 Main St.
Mica—Richmond Mica Co., 10th and Main St. Cap. stk. $60,000 pd. up. J. L. Williams, pres.; L. B. Toturn, v. pres.; L. M. Williams, secy. and treas. Grind for lubricant and decorative purposes. 800 to 1,000 tons per year. J. G. Skelton, gen. mgr.
Gran.—Smith & Chapple, 2310 W. Cary St. H. F. Smith, buyer. Cap. $8,000. Virginia State quarry. 25,000 cubic yds. Crushed stone, 150 yds. daily capacity; 75 employes. Steam.
B.Coal—Southern Coal & Iron Co. Mine at Midlothian.
Sulp.—Sulphur Mines Company of Virginia. Sulphur.
Roll.M.—Tradegar Co. Four coal and seven gas heating and one scrap furnaces; 7 trains rolls; 9 hammers. Merchant bar iron, etc., 45,000 gross tons. Foundry and machine shops. Steam and water.
A.B.Coal—Virginia Coal and Coke Co., 10 S. 9th St. J. C. Haddock, pres.; Ware B. Gay, M. E., v. pres.; W. S. Hurst, treas. Cap. stk. $1,000,000 pd. up. Semi-A & B. coal. Mine at Gayton.
Iron—Virginia Pyrites Co.

RICHMOND—Continued.
Gran.—Virginia State Granite Co., Chamber of Commerce, Cincinnati, Ohio. (Idle.)
Iron—Virginia Steel, Iron & Slate Co.
Slate—J. R. Williams & Co.

RIDGEMONT, Bedford Co. Ry. Ironville, 608.
S.I.—Ridgemont Cement & M'f'g. Co. D. W. R. Read, pres.; F. P. Messer, secy. Cap. stk. $25,000 pd. up. Stone quarry and iron mine. Limestone, building, and macadam stone. 50,000 tons. Iron mines. Tunnels. Red specular and limonite ores, 10,000 tons.

RIDGWAY, Henry Co. Pop. 240. Tel. Ry. 608. Banking town Martinville.
Mica—Rockingham Mica Co. (Whitehurst & Smith), Terry Bldg., Roanoke. Rockingham mine. Shafts, tunnels and cuts. 24 employes.

RIVERVILLE, Amherst Co. Pop. 26. Ry. 150.
Iron—Bessemer Iron Co.
Iron—Dan Jordan. Mundys Mines. Cap. $600. Shaft and tunnel, 1,000 ft. 8,000 tons; 240 days; 15 employes. Horse. Two miles horse tramway.

ROANOKE, Roanoke Co. Pop. 16,160. M.O. Tel. Ry. 608.
B.Fur.—Crozer Iron Co., Upland, Pa. Furnace "A," stack, 70x16. Furnace "B," stack, 70x14. Coke. Six Whitwell stoves. Pig iron, 75,000 gross tons. Brand "Crozer."
G.S.—J. A. Dalby & Co. Mines at Christianburg, Va.
Stone—G. O. Houston.
Stone—King Mining Co.
Marb.—Roanoke Black Marble Co.
B.Coal—Roanoke Coal & Coke Co.
Roll.M.—Roanoke Iron Co. Fifteen double puddling furnaces, one scrap furnace, one 3-high 22 in. train of muck rolls, one 8,000 pd. hammer. Muck and scrap bar. 21,500 gross tons. Brand "Roanoke." Roanoke Furnace. One stack 82x16½. Four Massics and Crookes stoves. Coke. Pig iron. 40,000 gross tons.
Mang.—Roanoke Land & Manganese Co. John H. Wright, pres.; J. Shirley Smith, secy.; E. B. Crabill, treas. Cap. stk. $50,000. Company formed for the purpose of working a 100-acre tract of manganese ore near Troutville. Shaft No. 1, 90 ft.; shaft No. 2, 30 ft.; main drift, 150 ft.; 30 ft. crosscuts, open cuts and test pits. (Developing.) Mines also at Montville.
Roll.M.—Roanoke Rolling Mill Co.
Mica—Rockingham Mica Co. Whitehurst & Smith. Terry Bldg. Mine at Ridgway.
Iron—Rover Mining Co.

ROBERTA, Franklin Co. Ry. Waidsboro, 608. Banking town Rockymount.
Iron—J. T. Moorehead.

ROCKYMOUNT, Franklin Co. Pop. 630. M.O. Tel. Ry. 608; 838;.
Stone—C. J. Saunders. Sandstone quarry. (Idle.)
Stone—W. C. Smithers. Limestone quarry. (Idle.)

RONALD, Montgomery Co. P.O. Cambria. Ry. Christiansburg, 808.
B.Coal—W. C. Myers. (Local.)

RURAL RETREAT, Wythe Co. Pop. 326. M.O. Tel. Ry. 608.
Stone—J. W. Spencer.

RYE VALLEY, Smyth Co. Pop. 33. Ry. Marion, 608.
Iron—H. Griffits.
Iron—R. L. Nelson.
Iron—Joseph L. Scott. Spring mine. Brown hematite. Open pit.
I.Z.—John M. Williams. Sugar Hill mine. Open pit. (Developing.)

ST. STEPHENS CHURCH, King and Queen Co. Pop. 130. Banking town and Ry. Richmond, 39; 150; 730; 838.
Slate—J. T. Reynolds.

SALEM, Roanoke Co. Pop. 4,000. M.O. Tel. Ry. 608.
B.Fur.—Salem Furnace Co., Bullitt Bldg., Philadelphia, Pa. One stack, 75x14½. Three Whitwell stoves. Coke. Pig iron. 35,000 gross tons. Brand "Salem."

SALISBURY FURNACE, Botetourt Co. Pop. 54. Ry. Salisbury, 150.
Iron—Salisbury Iron Manufacturing Co.

SALTVILLE, Washington Co. Pop. 470. M.O. Tel. Ry. 608.
Gyp.—Buena Vista Plaster Co. Buena Vista mine. Plaster mill. Steam.
Sa.Pl.—Holston Salt & Plaster Co. Saltville well. Steam.
Stone—Palmer, Carpenter & Co.
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SANDIDGES, Amherst Co. Pop. 42. Banking town and Ry. Amherst, 838.
Iron—W. B. Henley.
Iron—J. M. Talliaferro.

SANDS, Southampton Co. Ry. Neusoms, 806.
Slate—S. M. Beidler.
Man.—Eureka Manganese Co.

SCOTTSFORD, Rockingham Co. Ry. Grottoes, 608.
B.Coal—Andrew Miller. (Local.)

SHACK MILLS, Buchanan Co. Pop. 22. Ry. Doran, 608. Banking town Richland.
B.Coal—Jeff Deskins. (Local.)
B.Coal—D. C. Rakes. (Local.)
Iron—Alex. Ratliff.
B.Coal—A. B. Wade. (Local.)

SHENANDOAH, Page Co. Pop. 760. M.O. Tel. Ry. 608. Banking town Luray.
Iron—Rogers & Dent.
B.Fur.—Shenandoah Furnace Co., Bullitt Bldg., Philadelphia, Pa. Gem furnace. One stack, 70x16. Three Whitwell stoves. Coke. Pig iron. Brand "Gem."

SHEPPARDS, Buckingham Co. Ry. Farmville, 608. Banking town Scottsville.
Iron—C. N. Cox.

SHERANDO, Augusta Co. Pop. 76. Ry. Lyndhurst, 608. Banking town Staunton.
Iron—D. I. Hyden.
Iron—D. J. Shaw Iron Mining Co.

SHOWALTER, Floyd Co. Pop. 30. Ry. Christiansburg, 608.
Iron—W C. Turpin.

SHRADERS, Tazewell Co. Pop. 50. Banking town and Ry. Tazewell, 608.
B.Coal—G. P. McGuire. (Local.)
B.Coal—G. W. Riley. (Local.)
B.Coal—Thos. Shraders. (Local.)

SNOWDEN, Amherst Co. Pop. 35. Ry. 150.
Iron—C. F. Jordan.
Slate—Virginia Slate Mining Co., Lynchburg.
Slate—Williams Bros. Slate Co. Steam.

SPEEDWELL, Wythe Co. Pop. 102. Banking town and Ry. Wytheville, 608.
Iron—R. Sayers.
Iron—Speedwell Iron Co.

STAUNTON, Augusta Co. Pop. 7,000. M.O. Tel. Ry. 49; 150.
B.Coal—W. A. Burke Coal Co. W. A. Burke, pres., treas. and gen. mgr.; J. L. Beury, v. pres.; E. A. Edmunson, secy. J. W. Parish, supt. and buyer. Mine at Fayetteville.
Ch.Ge.—Charles Catlett, Chemist and Geologist, 10 New Court House St. Specialty, mineral resources of Virginia and West Virginia. Graduate University of Virginia, 1886.
B.Coal—Fire Creek Coal & Coke Co.
B.Coal—Thurmond Coal Co. Mine at Thurmond, W. Va.

STEELES TAVERN, Augusta Co. Pop. 185. Ry. Raphine, 49. Banking town Stormton.
Iron—Z. W. Rawlings.

STEVENS CREEK, Grayson Co. Pop. 35. Ry. Sansom, 608. Banking town Marion.
Iron—A. G. Bartlett.

STROM, Botetourt Co. Pop. 13. Ry. Parr, 150. Banking town Fincastle.
Iron—Roaring Run Mining Co.

TAZEWELL, Tazewell Co. Pop. 1,200. M.O. Tel. Ry. 608.
Iron—W. & M. Peery.

TOLERSVILLE, Louisa Co. P.O. and Ry. Mineral City, 150. Banking town Richmond.
Cop.—Arminius Chemical Co. Copperas.

TROUTDALE, Grayson Co. Pop 25. Banking town and Ry. Marion, 608.
Iron—Andrew Young.

TROUTVILLE, Botetourt Co. Pop. 60. M.O. Tel. Ry. 608. Banking town Fincastle.
Iron—E P. Hutter.
Iron—J. G. Layman.

VANBUREN FURNACE, Shenandoah Co. Banking town and Ry. Woodstock, 49.
B.Fur.—Van Buren Furnace, 116 Fremont St., Boston, Mass. One stack, 37½x9. Hot blast.

VESUVIUS, Rockbridge Co. Pop. 25. Tel. Ry. 608.
Slate—Mrs. Mary D. Robertson. (Idle.)

VICAR SWITCH, Montgomery Co. Pop. 49. M.O. Ry. 608.
B.Coal—Anderson Cupp. Steeple Creek mine. Tunnel 70 ft. 15,000 tons.
A.Coal—Kinzer & Schaeffer. L. M. Schaeffer, gen. mgr.; G. M. Kinzer, buyer. Cap. $5,000. Semi-A. coal mine at Blacksburg.
B.Coal—E. Pierce. (Local.)
B.Coal—Crockett Price. (Local.)

VICTORIA MINES, Rockbridge Co. Pop. 50. P.O. and Ry. Rockbridge Alum Springs, 743.
Iron—Virginia Iron & Railway Co., Goshen. Victoria mines.

VIRGINIA CITY, Wise Co. Tel. Ry. 608. Banking town Loomis.
B.Coal—Clinch Valley Coal & Coke Co. J. P. Kroll, gen. mgr.
B.Coal—Kennedy Coal Mining Co.
B.Coal—Russell Creek Coal Co.
B.Coal—Russell Creek Coal & Coke Co. E. M. Dawson, gen. mgr.

WINCHESTER, Frederick Co. Pop. 5,190. M.O. Tel. Ry. 49; 235.
Stone—Beverly Bros.
Iron—J. Wissler & Co.

WINSTON, Culpeper Co. Tel. Ry. 838.
Gran.—L. D. Winston. Gray granite.

WINTERPOCK, Chesterfield Co. Pop. 660. Tel. Ry. 303.
B.Coal—E. Martin. Raccoon and Bright Hope mines. Shaft, slope. Steam.

WOLFGLADE, Carroll Co. Pop. 27. Ry. Gossan, 608.
Iron—Pulaski Iron Co., Philadelphia, Pa.

WOODRIDGE, Albemarle Co. Pop. 18. Banking town and Ry. Charlottesville, 150; 838.
Slate—Albemarle Slate Co.

WYTHEVILLE, Wythe Co. Pop. 2,570. M.O. Tel. Ry. 608.
Con.E.&Geol.—C. R. Boyd, Sr., Consulting Engineer and Geologist.
Zinc—Forney Mining Co. R. M. Lawson, pres.; M. M. Caldwell, secy. and treas.; D. S. Forney, gen. mgr. Mine at Allisonia.
Stone—Greenwalt, Davis & Co.

WASHINGTON

ANACORTES, Skagit Co. Pop. 100. M.O. Tel. Ry. 811.
G.S.—Eureka Mining Co. Gold and silver.
G.S.—Ruby Placer Mining Co. Gold and silver.
Gold—Ruby & State Creek Placer Mining Co. Placer. Water.

ASOTIN, Asotin Co. Pop. 200. M.O. Banking town and Ry. Lewiston, Idaho, 832a.
G.S.—G. A. Rogers. Gold and silver. Spokane mine. Free milling ore. (Developing.)
Mica—S. S. & G. A. Rogers. Cap. inv. $2,000. Mine at Vollmer, Idaho.
G.S.—Windom Mining Co. Gold and silver.

AUBURN, King Co. M.O. Tel. Ry. 617.
At.C.E.—James Hart, Attorney at Law and Civil Engineer.

BIRDSVIEW, Skagit Co. Pop. 16. Banking town and Ry. Hamilton, 636.
G.S.—Savage & Boyd. Gold and silver.

BLACK DIAMOND, King Co. Pop. 561. M.O. Tel. Ry. 211. Banking town Seattle.
B.Coal—Puget Sound Fire Clay Co.

BLACK RIVER, King Co. Tel. Ry. 211; 617.
B.Coal—Black River Coal & Transportation Co., Seattle. Black River mine. Slope.

BLEWETT, Kittitas Co. Ry. Teanaway, 617.
G.S.—Blewett Gold Mining Co., Seattle. Tunnels. Gold and silver. Refractory and free ore. Steam. Concentrator. 20 stamp mill; 40 tons daily cap. H. J. Evans, mine supt.
G.S.—Dolan & Thompson. Gold and silver.
Gold—Phoenix Mining & Milling Co. Ellensburgh. Black Jack mine. Tunnel, 160 ft. Sulphates and free ores. 300 days; 4 employes.

BLUE CANYON, Whatcom Co. Banking town and Ry. New Whatcom, 66; 66a.
B.Coal—Blue Canyon Coal Mining Co., near New Whatcom. Blue Canyon mine. Tunnel, 780 ft.; 25,000 tons; 300 days; 80 employes. Breaker, 75,000 tons an. cap. Forrester washers. Andrew Ecklund, mine supt. Steam and water. Auxiliary company operate 6½ miles Ry.; 1 locomotive; 50 cars; 2 barges.

BOUNDARY, Stevens Co. Ry. 847.
G.S.—Wm. H. Pinkerton. Gold and silver.
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BUCODA, Thurston Co. Pop. 945. M.O. Tel. Ry. 617.
B.Coal—J. Thomas.

BURNETT, Pierce Co. Tel. Ry. 617.
B.Coal—South Prairie Coal Co., San Francisco, Cal. South Prairie mine. Slope, 1,000 ft. 50,000 tons; 168 days; 110 employes. Steam. C. H. Burnett, mine supt.

CARBONADO, Pierce Co. Pop. 705. M.O. Tel. Ry. 617. Banking town Orting.
B.Coal—Carbon Hill Coal Co., San Francisco, Cal. Carbon Hill mine. Tunnels. Washer. Steam.

CHEHALIS, Lewis Co. Pop. 1,309. M.O. Tel. Ry. 617.
G.S.—Green River Mining Co. H. J. Duffy, pres. and gen. mgr.; G. Irish, v. pres.; S. C. White, M. E., secy. and buyer; M. L. Holbrook, treas. Cap. stk. $1,000,000, $500,000 pd. up. Gold and silver.

CHELAN, Okanogan Co. M.O. Ry. 440a.
G.S.—E. F. Christie. Gold and silver.
G.S.—D. A. Vroman. Gold and silver.

CHEWELAH, Stevens Co. Pop. 376. M.O. Tel. Ry. 847. Banking town Colville.
I.G.S.—Capital Mining Co., Seattle. Capital mine. Tunnels, 250, 300 and 350 ft. Open pits. Iron, gold and silver; limonite ore; 3,000 tons; 250 days; 8 employes. R. J. Davis, mine supt.
I.G.S.—R. J. Davis and J. E Houghton. Iron Silver mine. Tunnels, 30 and 50 feet. Iron, gold and silver; limonite ore. R. J. Davis, mine supt.
G.S.—Eagle Mining Co. Gold and silver.

CLE ELUM, Kittitas Co. Pop. 243. M.O. Tel. Ry. 617. Banking town Ellensburg.
B.Coal—Cle Elum Coal Co. Oscar James, pres.; Chas. Hamer, secy.; Isaac Davis, gen. mgr. and mine supt. Shaft, 250 ft. 300 days; 70 employes. Steam.
B.Coal—Ellensburg Coal Co.
G.S.—E. F. Gassman. Gold and silver.
G.S.—Thos. Johnson. Gold and silver.
G.S.—Patrick Twomey. Gold and silver.

COLVILLE, Stevens Co. Pop. 539. M.O. Tel. Ry. 847.
Silv.—Old Dominion Mining and Concentration Co., Spokane. Old Dominion mine. Silver. Shaft and tunnel, 2,300 ft. Refractory galena ore; 300 days; 30 employes. Steam. Concentrator, 60 tons daily capacity.
Ella mine. Silver. Shaft, 120 ft. Refractory galena ore; 300 days; 20 employes. Steam. Concentrator, 60 tons daily capacity. John Hanley, mine supt.
G.S.—J. F. Rice. Gold and silver.
G.S.—Wellington Mining Co. Gold and silver.

CONCONULLY, Okanogan Co. Pop. 232. M.O. Ry. Coulee City, 617.
G.S.L.—Bridgeport Mining & Milling Co., 318 Main St., Bridgeport, Conn. Bridgeport mine. Shafts, two 100 ft. each, one 79 ft. Tunnel, 160 ft. Gold, silver and lead. Free and refractory ore; 300 days; 15 employes. Steam. E. Peel Wheeler, mine supt.
G.S.C.—Washington Centennial Mining & Reduction Co. Gold, silver and copper.

DAVENPORT, Lincoln Co. Pop. 396. M.O. Tel. Ry. 617.
Gold—Chloride Hill Mining & Milling Co.

DEERPARK, Spokane Co. Ry. 847. Banking town Spokane.
Gold—Oliver Tuffy.

EDDYVILLE, King Co. Ry. 211.
B.Coal—Danville Coal Co.

ELLENSBURG, Kittitas Co. Pop. 2,768. M.O. Tel. Ry. 617.
Gold—Columbia Gold Mining Co., 4th & Pearl Sts. Oak Bar mine. Placer. Water.
Gold—Donahue and Fairfield Gold Mining and Smelting Co., Seattle. Golden Phoenix mine. 4 tunnels, 200 ft. Free ore; 150 days; 12 employes. Concentrator. Marion mine. 2 tunnels, 150 ft. Free ore; 120 days; 4 employes. Concentrator.
G.S.—Edward King. Gold and silver.
Gold—Phoenix Mining & Milling Co. Dexter Sheedy, pres. and gen. mgr. E. A. Gunsden, v. pres.; John A. Sheedy, jr., secy. and treas. Cap. stk. $150,000. Mine at Blewett.

EVERETT, Snohomish Co. Pop. 6,000. M.O. Tel. Ry. 299; 346.
Conc.—H. Elling. Concentrator.
Smlt.—Everett Smelting & Refining Co. Smelter and reduction works.
G.S.—Monte Cristo Development Co. Gold and silver.
Smlt.—Puget Sound Reduction Co. Wm. C. Butler, pres., treas. and buyer; Fred. T. Gates, v. pres.; E. V. Cary, secy. Cap. stk. $900,000 pd. up. Three stacks, 42x120 inches. Annual output, $1,500,000; 300 days; 90 employes. Steam.

FAIRHAVEN, Whatcom Co. Pop. 4,076. M.O. Tel. Ry. 346.
Gold—Bellingham Bay Hydraulic Mining Co. Frank J. Hamilton, pres.; William Hamilton, v. pres.; Geo. H. Watrous, secy.; H. A. Compton, treas.; L. W. Nestelle, gen. mgr. Cap. stk. $30,000, $15,000 pd. up. Mine at Revelstoke, B. C.
C.E.—J. J. Donovan, Civil Engineer, 1367 McKenzie Ave.

FRANKLIN, King Co. Pop. 647. Tel. Ry. 211. Banking town Seattle.
B.Coal—Oregon Improvement Co., Seattle. Franklin mine. Slope. Breaker. Steam.

FRUITLAND, Stevens Co. Banking town and Ry. Davenport, 617.
G.S.—Cedar Canyon Mining Co. B. O. Gibson, pres. and buyer; J. Cameron, v. pres.; G. Bedtelyon, secy.; J. Young, gen. mgr. Gold and silver. Deer Trail mine, No. 2. Tunnel, 800 ft. Galena ore-carbonate; 15 employes.

GARFIELD, Whitman Co. Pop. 317. M.O. Tel. Ry. 617; 638.
G.S.—A. W. Sargeant. Gold and silver.

GOLDENDALE, Klickitat Co. Pop. 702. M.O. Ry. Grant, Ore., 638.
Sur.—Jacob Richardson, U. S. Deputy Surveyor and U. S. Deputy Mineral Surveyor.
G.S.—Triune Mining Co. Gold and silver.

HAMILTON, Skagit Co. Pop. 105. M.O. Tel. Ry. 811.
C.I.—Conner Coal & Iron Co.
G.S.—J. L. Derwent. Gold and silver.
Gold—Hamilton Mining and Development Co.

HOODSPORT, Mason Co. Banking town and Ry. Shelton, 659; 815a.
G.S.—Mason Mining and Development Co. Gold and silver.

IRONDALE, Jefferson Co. Pop. 46. P.O. and Ry. Hadlock, 645.
B.Fur.—Puget Sound Iron Co. Blast furnace.

ISSAQUAH, King Co. M.O. Tel. Ry. 812.
B.Coal—Seattle Coal and Iron Co., Seattle. Gilman mine. Slope, 800 ft.; 100,000 tons; 225 days; 250 employes. Steam. Breaker. Geo. A. Brooke, M. E., mine supt.

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JACKSON, Cowlitz Co. Ry. Castle Rock, 617. Banking town Kelso.
B.Coal—Wm. Whittle.

KALAMA, Cowlitz Co. Pop. 324. M.O. Tel. Ry. 617.
G.S.—Kalama Gold & Silver Mining & Milling Co.

KANGLEY, King Co. Ry. 617. Banking town Tacoma.
B.Coal—Frank Williams.

KEESE, Whatcom Co. Ry. Deming, 617. Banking town New Whatcom.
G.S.—J. B. Young. Gold and silver.

KETTLE FALLS, Stevens Co. M.O. Ry. Meyers Falls, 847.
G.S.—Dyer & Co. Gold and silver.

KUMMER, King Co. Ry. 211.
Clay—Denny Clay Co., Seattle. Fire and mineralized clay and coal. 28,000 tons; 44 employes. Steam.

LEAVENWORTH, Okanogan Co. Tel. Ry. 346. Banking town Wenatchee.
B.Coal—North Leavenworth Coal Co.

LIBERTY, Kittitas Co. Ry. Teanaway, 617. Banking town Ellensburg.
G.S.—C. E. W. Bigley. Gold and silver.

LOOMIS, Okanogan Co. M.O. Ry. Coolee City, 617.
G.S.—L. D. Burton. Gold and silver.
G.S.—Cowherd & Western. Ivanhoe Group mines. Gold and silver. Free ore. Steam.
G.S.—A. J. Dexter. Gold and silver.
G.S.—Empire Mining Co., Tacoma. Gold and silver. Empire mine. Shaft, 100 ft. Tunnel, 200 ft. Free and refractory ore. P. Curtz, mine supt.
Gold—E. J. M. Hale, Spokane. Black Bear mine. Shaft, 180 ft. Free ore. Water. Frue concentrator. 5 stamp mill, 15 tons daily cap. O. S. Stocker, mine supt. (Idle.)
G.S.—Harry Hamilton. Gold and silver.
G.C.—Hercules Consolidated Mining Co. Gold and copper. Hercules mine. Shaft, 100 ft. Tunnel, 100 ft. Smelting ore. Water. P. Curtz, mine supt. (Developing.)
G.S.—Mammoth Mining Co., Wausau, Wisconsin. Mammoth mine. Tunnel, 175 ft. Gold and silver. Free and refractory ore; 300 days; 12 employes. Water. (Developing.)
Wyandotte mine. Tunnels, 175, 200, 50 ft. Gold and silver. Free and refractory ore. 300 days; 2 employes. Water. (Developing.)
Mount Clepaca mine. Tunnel, 600 ft. Shaft, 250 ft. Gold and silver. Refractory and free milling ore. 300 days; 20 employes. Water. Peter Berg, M.E., supt.
Gold—Mount Chapaca Mining Co.
G.S.—Okanogan Mining & Prospecting Co. Gold and silver.
Gold—Ophir Gold Mining Co., Spokane. War Eagle mine. Shaft, 100 ft. Tunnel, 100 ft. Free ore. Water. Concentrator. 5 stamp mill, 15 tons daily cap. O. S. Stocker, mine supt.
G.S.—J. M. Pitman. Gold and silver.
G.S.—Rainbow Mining Co. Gold and silver.
G.S.—Geo. Runnels. Gold and silver.
G.S.—C. H. Schepuster. Gold and silver.
G.S.—Sharpneck & Kline. Gold and silver.
G.S.—H. F. Smith & Co. Gold and silver.
G.S.L.—Trojan Mining & Milling Co., 951 C St., Tacoma. Trojan mine. Shaft. Gold, silver and lead. Refractory ore. Capt. P. Curtz, mine supt. (Developing.)
G.S.—Warner & Loraway. Gold and silver.

MANSFORD, Skagit Co. Ry. Hamilton, 636.
S.L.—Monte Cristo Mining Co. Silver and lead.

MAPLEVALLEY, King Co. Pop. 100. Ry. 211. Banking town Seattle.
Lign.—Danville Coal Co., Seattle. Danville mine. Tunnel, 100 ft. Lignite. 10 employes. John A. Williams, mine supt.

MARTIN, Kittitas Co. Tel. Ry. 617.
G.S.—Davis & Co.

MEYERS FALLS, Stevens Co. Tel. Ry. 847. Banking town Colville.
Gold—W. Hendricks.

MONROE, Snohomish Co. Tel. Ry. 346. Banking town Snohomish.
G.S.—Monroe Land Improvement Co. Gold and silver.

MONTECRISTO, Snohomish Co. M.O. Tel. Ry. 299. Banking town Snohomish.
G.S.—Golden Cord Mining Co., 613 Bailey Bldg., Seattle. Gold and silver. Refractory ore.
G.C.—Monte Cristo Gold & Copper Mining Co.
G.S.—Packard Mining Co., Snohomish. O. & B. mine. Tunnel. Gold and silver. Refractory ore. Daily output, 10 tons. 10 employes.
Sidney mine. Tunnel. Gold and silver. Refractory ore. (Developing.)
G.S.—Pearsall Mining Co., 613 Bailey Bldg., Seattle. Gold and silver.

MORTON, Lewis Co. Ry. Napavine, 617. Banking town Chehalis.
G.S.—Tilton River Mining Co. Gold and silver.

MOUNT VERNON, Skagit Co. Pop. 780. M.O. Tel. Ry. 346.
Smlt.—Mount Vernon Mining & Smelting Co.
G.S.—Skagit Valley Mining Co. Gold and silver.

NEW WHATCOM, Whatcom Co. Pop. 5,000. M.O. Tel. Ry. 66; 66a; 346.
B.Coal—Bellingham Bay & Eastern Railroad Co.
B.Coal—Bellingham Bay Improvement Co.
B.Coal—Blue Canyon Coal Mining Co., cor. Elk and Holly Sts. M. E. Downs, pres.; J. H. Bloedel, secy.; J. J. Donovan, M.E., gen. supt.; J. A. Kirkpatrick, buyer. Cap. stk. $500,000 pd. up. Mine at Blue Canyon.
B.Coal—De Champlain & Thomas.
Gold—Gold Queen Mining Co.
Lign.—Rocky Ridge Coal Co., Silver Beach P.O. Rocky Ridge mine. Tunnel, 650 ft. Lignite. 300 days; 3 employes. Steam. Harry Moore, mine supt. Mine opened 1895.
Stone—Henry Roeder, Roth Block. Victor A. Roeder, gen. mgr. Cap. $50,000. Chuckanut quarries. Sandstone. 40,000 ft.; 10,000 yds., rough. 190 days; 20 employes. Steam. 2 stone mills.
B.Coal—R. B. Symington.

OLYMPIA, Thurston Co. Pop. 5,230. M.O. Tel. Ry. 617; 702.
G.S.—Leo De Hart. Gold and silver. Mines at Toledo.
C.E.—Millard Lemon, Civil Engineer, 431 15th St.

ORONDO, Douglas Co. Tel. Ry. Wenatchee, 346. Banking town Waterville.
Stone—E. C. Fisher.
G.S.—W. S. Gehr. Gold and silver.
G.S.—Geo. Smith. Gold and silver.
G.S.—J. B. Smith. Gold and silver.

ORTING, Pierce Co. Pop. 625. M.O. Tel. Ry. 617.
G.S.—Sultan Mining & Prospecting Co. Sultan mine. Gold and silver. Refractory ore.

PALMER, King Co. Tel. Ry. 617. Banking town Seattle.
B.Coal—Alta Coal Co.
B.Coal—Durham Coal Co.
B.Coal—Eureka Coal Co., Seattle. Cumberland mine. Tunnel, 3,000 ft. 6,000 tons; 20 employes.
B.Coal—Green River Coal & Coke Co., ft. Madison St., Seattle. Cokedale claim.
B.Coal—Navy Coal Co.

PARK, Whatcom Co. Pop. 45. P.O. Blue Canyon. Ry. New Whatcom, 66; 66a.
B.Coal—Blue Canyon Coal Mining Co.

PASCO, Franklin Co. Pop. 350. M.O. Tel. Ry. 617. Banking town Walla Walla.
G.S.—Rockwell & Sharry. Gold and silver.

PITTSBURG, Pierce Co. P.O. Burnet. Ry. 617.
G.S.—Washington Improvement Co. Gold and silver.

POMEROY, Garfield Co. Pop. 662. M.O. Tel. Ry. 638.
Gold—Idaho Gold and Silver Mining Co. C. A. Lundy, pres.; R. E. Wills, v. pres. and treas.; E. M. Rauch, secy. Cap. stk. $1,000,000. Mines at Elk City, Idaho.

PORT ANGELES, Clallam Co. Pop. 320. M.O. Tel. Ry. 645.
G.S.—Hurricane Mining Co. Gold and silver.

PORTER, Chehalis Co. Tel. Ry. 617. Banking town Elma.
G.S.—Portercreek Consolidated Mining Co. Gold and silver.

PORT TOWNSEND, Jefferson Co. Pop. 4,600. M.O. Tel. Ry. 702.
Gold—Gold Nugget Mining Co.
B.Coal—Townsend Coal Co. H. E. Morgan, pres.; W. B. Dennis, v. pres.; W. A. Halteman, secy. and treas. Cap. stk. $25,000 pd. up. (Developing.)

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RENTON, King Co. Pop. 407. M.O. Tel. Ry. 211. Banking town Seattle.
Lign.—Renton Co-Operative Coal Co., Seattle. Lignite. 100 tons daily output.

ROSBURG, Wahkiakum Co. Ry. Astoria, Ore., 809a.
G.S.—Pittwood Burbridge. Gold and silver.

ROSLYN, Kittitas Co. Pop. 1,500. M.O. Tel. Ry. 617. Banking town Ellensburg.
G.S.—S. Davis. Gold and silver.

RUBY, Okanogan Co. Pop. 208. M.O. Ry. Coulee City, 617. Banking town Loomis.
G.S.—Lovejoy & Co. Gold and silver.
G.S.C.—Washington Reduction Co. Gold, silver and copper.

SAINT HELENS, Cowlitz Co. Ry. Castle Rock, 617. Banking town Kelso.
G.S.C.—Washington Consolidated Mining and Development Co. Mammoth and other mines. Gold, silver and copper. Refractory ores. 3 to 8 employes. (Developing.)

SEATTLE, King Co. Pop. 45,000. M.O. Tel. Ry. 211; 346; 617; 812.
B.Coal—Black River Coal & Transportation Co., Comel & Main Sts. Mine at Black River.
G.S.—Blake, Pearsall & Co. Gold and silver.
G.S.—Blewett Gold Mining Co., Room 613, Bailey Building. Edward Blewett, pres.; J. M. Wilmans, secy.; H. J. Evans, supt. and buyer. Gold and silver. Mine at Blewett.
G.S.—G. C. Blewett, 618 Bailey Bldg. Gold and silver.
I.G.S.—Capital Mining Co., 710 Front St. J. E. Porter, pres.; B. F. Briggs, v. pres.; S. M. Allen, secy.; J. E. Houghton, treas.; R. J. Davis, gen. mgr. Cap. stk. $300,000. Iron, gold and silver. Mine at Chewelah.
Copp.—Crawford, Harmon & Clayton. Copper.
Atty.—Rees P. Daniels, Attorney at Law. Commercial and Mining law.
Lign.—Danville Coal Co. R. L. Thorne, M.E., pres.; James F. Donnelly, v. pres.; Rees P. Daniels, secy., gen. mgr. and buyer; James T. Gilmore, treas. Cap. stk. $50,000, $26,000 pd. up. Lignite. Mine at Maple Valley.
Clay—Denny Clay Co., Jackson and Commercial Sts. A. A. Denny, pres.; O. O. Denny, v. pres. and buyer; Geo. W. Kummer, secy. and gen. mgr.; Chas. L. Denny, treas. Cap. stk. $200,000 pd. up. Quarry at Kummer.
Gold—Donahue and Fairfield Gold Mining and Smelting Co., 616 and 617, Bailey Building. John F. Dore, pres.; Wm. Donahue, v. pres. and gen. mgr.; D. T. Cross, secy., treas. and buyer. Cap. stk. $500,000 pd. up. Mines at Ellensburg.
B.Coal—Eureka Coal Co., S. 3d St. Andrew Heinrich, pres. and gen. mgr.; H. C. Henry, v. pres.; L. Heinrich, secy.; R. R. Spencer, treas. Cap. stk. $100,000, $50,000 pd. up. Mine at Palmer.
Gold—Fishback Hydraulic Mining Co., Pioneer Building. Chas. F. Fishback, John P. Hoyt, John H. McGraw, Lester Turner, directors. Cap. stk. $300,000. Mines on Quesnelle River, British Columbia. (Developing.)
C.E.Sur.—Albro Gardner, Civil Engineer, 2221 Fifth St. County Surveyor and U. S. Deputy Mineral Surveyor.
Gold—Gold Back Channel Mining Co. Mine at Gold Hill, Ore.
G.S.—Golden Cord Mining Co., 613 Bailey Bldg. F. W. Wilmans, pres.; J. M. Wilmans, secy. Gold and silver. Claim at Monte Cristo.
B.Fur.—Great Western Iron & Steel Co. Blast furnace.
B.Coal—Green River Coal & Coke Co., ft. Madison St. J. H. Bryant, pres.; A. S. Dunham, v. pres.; H. D. Williams, asst. secy. and treas.; Wesley Wilson, mgr. and buyer. Cap. stk. $1,000,000 pd. up. Mine at Palmer.
Gold—Gund Gold Mining Co.
G.S.—A. N. Hamilton. Gold and silver.
Gold—Neosho Mining Co., 210-211 Jesler Bldg. Mine at Ainsworth, B. C.
G.S.—Pearsall Mining Co., 613 Bailey Bldg. F. W. Wilmans, pres.; J. M. Wilmans, secy. Claim at Monte Cristo. Gold and silver.
Clay—Puget Sound Clay Co.
Copp.—Puget Sound Iron Co. Copper.
Lign.—Renton Co-Operative Coal Co. James F. Donnelly, pres.; Rees P. Daniels, secy.; John A. Williams, treas. Cap. stk. $100,000, $25,000 pd. up. Lignite. Mine at Renton.
B.Coal—Seattle Coal and Iron Co., Madison St. Harry R. Talcott, 2nd v. pres.; H. D. Williams, treas.; Wesley Wilson, mgr. and buyer. Cap. stk. $5,000,000 pd. up. Mine at Issaquah.
Gold—Seattle Placer Mining Co., Burke Bldg. C. J. Smith, pres.; C. W. Frisbee, secy.; A. A. Booth, mgr. Mine at Happy Camp, Cal.

SEATTLE—Continued.
Silv.—Stillaguamish & Sultan Mining Co., 2 Boston Blk. J. W. Clise, pres.; C. D. Stimson, v. pres.; R. E. McCoy, secy.; N. B. Clegg, gen. mgr. Cap. stk. $3,000,000. Silver. Mine at Silverton.
G.S.—Washington Mining & Development Co., 120 Occidental Blk. Gold and silver.
G.S.—West Gate Gold & Silver Mg. Co., 305 New York Blk.
Copp.—H. Williams. Copper.

SILVERBEACH, Whatcom Co. Banking town and Ry. New Whatcom, 66; 66a; 346.
Lign.—Rocky Ridge Coal Co. H. A. Moore, pres., gen. mgr. and buyer; Alfred Moore, v. pres.; M. G. Moore, secy. and treas. Cap. stk. $200,000.

SILVERTON, Snohomish Co. Tel. Ry. 299. Banking town Snohomish.
Silv.—Hall, Molique & Co. Silver. Anacortes mine. Tunnel.
G.S.—Packard Mining Co., Snohomish. Nemo mine. Tunnel, 150 ft. Gold and silver. Refractory ore. (Developing.)
Silv.—Stillaguamish & Sultan Mining Co., 2 Boston Blk., Seattle. Little Chief and Hoodoo mines. Silver. Refractory ore. Tunnels. (Developing.)

SKYKOMISH, King Co. Tel. Ry. 346.
Gold—Great Northern Gold Mining & Milling Co.

SNOHOMISH, Snohomish Co. Pop. 2,000. M.O. Tel. Ry. 299; 346; 812.
B.Coal—Great Northern Land Co.
Atty.—Headlee & Allen (F. M. Headlee and Geo. A. Allen), Attorneys at Law, 12-13 Atten Bldg. Real Property and Mining Law a specialty. Titles examined and abstracts furnished. Collections made. Compilers Laws of Washington for the RECORD.
G.S.—Packard Mining Co. C. H. Packard, gen. mgr. Gold and silver. Mines at Monte Cristo and Silverton.
G.S.—Silver Creek Mining Co. Gold and silver.

SOUTH PRAIRIE, Pierce Co. M.O. Tel. Ry. 617. Banking town Tacoma.
B.Coal—Acme Coal Co.

SPOKANE, Spokane Co. Pop. 20,200. M.O. Tel. Ry. 346; 617; 638; 847.
Gold—Boundary Creek Mining Co.
Gold—Cariboo Mining & Milling Co. Mine at Camp McKinney, B. C.
G.S.—W. B. Cash & Co., 31-32 Temple Court. Gold and silver.
M.E.—W. Clayton Miller, Mining Engineer, 502 Rookery.
G.S.C.—Coeur d'Alene Mining & Concentrating Co. Gold, silver and copper.
S.L.—Columbia American Mining Co. Mine at Hot Springs, B. C. Silver and lead.
Mb.Gr.—Columbia Marble & Granite Co., Hyde Blk.
G.S.—Consol Bonanza Mining & Smelting Co. Gold and silver.
Gold—Crown Point Mining & Milling Co., Ltd.
G.S.—Daisy Mining Co. Gold and silver.
G.S.—Daisy Mining & Reducing Co. Gold and silver.
G.S.—Dead Medicine Mining Co. Gold and silver.
G.S.—Dixie Mining & Milling Co., Ltd. Gold and silver.
G.S.—J. & J. W. Douglas. Gold and silver.
G.S.L.C.—J. L. Drumheller. Gold, silver, lead and copper. Mines at Rossland and New Denver, B. C.
G.C.—Evening Star Mining Co. Daniel M. Drumheller, pres.; Frank P. Hogan, v. pres.; H. B. Nichols, secy.; Donald G. Russell, treas.; James Cronan, gen. mgr. Cap. stk. $1,000,000 pd. up. Gold and copper. Mine at Rossland, B. C.
Gold—Falls City Mining Co.
As.Ch.—Charles M. Fassett, Assayer and Analytical Chemist.
G.S.—Garfield Mining Co. Gold and silver.
G.S.—Giant Mining Co. Gold and silver.
G.C.—Great Western Mining Co., Traders Blk. Louis L. Bertonneau, pres.; C. E. Barr, Rochester, Ill., v. pres.; H. M. Stephens, secy. and treas.; J. B. Jones, buyer. Cap. stk. $1,000,000 pd. up. Gold and copper. Mine at Rossland, B. C.
Gold—Grey Eagle Mining Co.
Gold—E. J. M. Hale. Mine at Loomis.
G.C.—High Ore Gold Mining & Smelting Co., 201 Mohawk Bldg. Cyrus Happy, pres.; J. H. Griffith, v. pres.; D. M. McLeod, secy.; W. G. Estep, treas.; Harry L. Rodgers, gen. mgr. and buyer. Cap. stk. $500,000 pd. up. Gold and copper. Mine at Rossland, B. C.
G.C.—Homestake Consolidated Mining Co. Gold and copper.
Me.E.—Ulysses B. Hough, Mechanical Engineer.
G.S.—International Mining Co. Gold and silver.
G.S.—Josephine Mining Co. Gold and silver.
Gold—Josie Gold Mining Co. Geo. T. Crane, pres., gen. mgr. and buyer; J. W. Witherop, v. pres.; F. E. Snodgrass, secy. and treas. Claim at Rossland, B. C.
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SPOKANE—Continued.
G.S.—Katahdin Mining Co. Gold and silver.
G.S.—Keystone Mining Co. Gold and silver.
Gold—Knights Templar Gold Mining Co.
Gold—Robt. E. Lee Mining Co. Mines at Rossland, B. C.
Gold—Le Roi Mining & Smelting Co. Mines at Three Forks, B. C.
Silv.—Last Chance Mining Co. F. Rockwood Moore, pres.; Charles Sweeny, v. pres. and gen. mgr. Cap. stk. $2,500,000 pd. up. Silver. Mines at Wardner, Idaho.
Gold—Main Quesnelle Gold Dredge & Mining Co., Ltd. Placer ground on Quesnelle River, B. C.
Gold—Frank Mallory.
Gold—Maxson & Patton.
S.L.—Missoula & Last Chance Mining Co. Silver and lead.
G.S.—Mount Hood Consolidated Mining Co. Gold and silver.
G.S.—National Mining & Development Co. Gold and silver.
Gold—O. K. Gold Mining Co.
Silv.—Old Dominion Mining & Concentration Co., N. W. cor. Howard and Riverside Sts. G. B. Dennis, pres., gen. mgr. and buyer; Cyrus Bradley, secy. Cap. stk. $1,000,000 pd. up. Silver. Mines at Colville.
Gold—Ophir Gold Mining Co. Mine at Loomis.
Silv.—Pacific Bullion Mining Co. J. F. Wolgamot, pres., gen. mgr. and buyer; N. A. Wolgamot, v. pres.; Frank T. McCollough, secy. and treas. Cap. stk. $1,000,000 pd. up. Silver. Mines at Ainsworth, B. C.
G.S.—Parrott Mining Co. Gold and silver.
G.S.—Paulsien Ruby Mining Co. Gold and silver.
G.S.—Phoenix Mining Co. Gold and silver.
Silv.—Polaris Mining Co., cor. State and Washington Sts. W. B. Heyburn, Osburn, Idaho, pres.; H. G. McDonald, secy. Silver. Mines at Osburn, Idaho.
G.S.C.—Poorman Gold Mining Co., 39 Ziegler Block. J. A. Coram, pres.; Patrick Clark, v. pres. and gen. mgr.; F. E. Lucas, secy. and treas. Cap. stk. $500,000, pd. up. Mine at Rossland, B. C. Gold, silver and copper.
G.S.—Poston & Taschereau. Gold and silver.
G.S.—Rapid River Mining Co. Gold and silver.
G.S.—W. T. Rarey. Gold and silver.
Gold—Earle Russell, 1317 First Ave. Claims in West Kootenay District, B. C.
Gold—St. Elmo Gold Mining Co. F. C. Loring, M.E., pres., gen. mgr. and buyer; E. D. Olmstead, v. pres.; F. E. Snodgrass, secy. and treas. Claim at Rossland, B. C.
Gold—St. Mary Mining Co.
G.C.I.—Silverine Gold Mining Co. F. Rockwood Moore, pres.; Austin Corbin, 2d v. pres.; A. G. Macdonald, secy.; Jacob Hoover, treas.; Stephen S. Bailey, gen. mgr. Cap. stk. $500,000 pd. up. Gold, copper and iron. Mine at Rossland, B. C.
Gold—Spokane Hydraulic & Mining Co.
Gold—Spokane Ore Co.
Stone—Spokane Pressed Brick Co.
Smlt.—Spokane Smelter.
G.S.—J. N. Squire. Gold and silver.
G.S.—Troy Development Co. Gold and silver.
Gold—Virginia Gold Mining Co.
G.S.—War Eagle Gold Mining Co. Gold and silver. Mines at Rossland, B. C.
Marb.—Washington Decorated Marble Co.
Silv.—Western Consolidated Mining Co. Mine at Hot Springs, B. C.
S.L.—You Like Mining Co. John S. Baker, Tacoma, pres.; J. H. Boyd, v. pres. Cap. stk. $1,000,000 pd. up. Silver and lead. Claim at Mullan, Idaho.

SULTAN, Snohomish Co. M.O. Tel. Ry. 346. Banking town Snohomish.
Gold—Horse Shoe Bend Gold Mining Co.

TACOMA, Pierce Co. Pop. 37,000. M.O. Tel. Ry. 617; 864.
C.E.—C. O. Bean, Civil Engineer, 1116 Yakima Ave.
C.C.—Connellsville C. & C. Co., 238 Adams St. Connellsville mine.
G.S.—Eagle Mining & Milling Co. Gold and silver.
G.S.—Empire Mining Co. Capt. P. Curtz, gen. mgr. and supt. Cap. stk. $1,000,000. Gold and silver. Mine at Loomis.
S.Stone—Eureka Sandstone Co., 13th St. and Pacific Ave.
Gold—Everett Mining & Milling Co., Fidelity Bldg.
Ch.Ge.—Dr. Willis E. Everette, Consulting Mining Geologist and Chemist, 1141 Railroad Ave.
C.E.—Lindley & Nicholson, Civil Engineer.
G.S.—Lone Star Mining Co., 1001 A St. Gold and silver.
Stone—Mitchell & Smith. Sandstone.
G.S.—Mohawk Mining Co. Gold and silver.
Gold—Puget Sound Mining & Milling Co.
Gold—Siskiyou Gold Mining Co. Wm. H. Reid, pres.; T. J. Kenney, v. pres.; S. C. Slaughter, secy.; J. L. McMurray, treas. Cap. stk. $100,000 pd. up. Mine on Elliott Creek, Siskiyou Co., Cal. Shipping station, Jacksonville, Ore.
B.Coal—Shoqualmie Coal & Coke Co., 607 Fidelity Bldg.

TACOMA—Continued.
Sm.Ref.—Tacoma Smelting and Refining Co. George Browne, pres.; Walter Oakes, v. pres.; W. R. Rust, secy., treas. and gen. mgr.; F. W. Clark, buyer. Cap. stk. $1,000,000, $343,800 pd. up. 300 days; 60 employes. Steam. F. W. Clark, furnace supt.
Gold—Tolo Mining Co. Mace Green, pres.; C. O. White, v. pres.; John L. McMurray, secy.; Wm. W. Milner, treas. Cap. stk. $50,000. Mine at Tolo, Ore.
G.S.L.—Trojan Mining & Milling Co., 951 C St. G. W. H. Taylor, pres.; Capt. P. Curtz, supt. Gold, silver and lead. Mine at Loomis.
G.S.C.—Western Washington Mining and Manufacturing Co., 1004 11th St. Gold, silver and copper.
B.Coal—Wilkeson Coal and Coke Co. Mine at Wilkeson.
C.E.Sur.—W. P. & A. B. Wood (W. P. Wood, Sumner; and A. B. Wood, Tacoma), Civil Engineers and Surveyors, 311 National Bank of Commerce Bldg.

TEANAWAY, Kittitas Co. Pop. 40. Ry. 617. Banking town Ellensburg.
G.S.—G. W. Seaton. Gold and silver.

TENINO, Thurston Co. Pop. 340. M.O. Tel. Ry. 617; 702. Banking town Chehalis.
Stone—Jno. T. Long. Sandstone.
Stone—A. Robertson & Co. Sandstone.

THORP, Kittitas Co. M.O. Tel. Ry. 617. Banking town Ellensburg.
G.S.—L. T. Ellison. Gold and silver.

TILDON, Lewis Co. Pop. 30. P.O. Cinebar. Ry. Napavine, 617.
G.S.—Shatto & Alexander. Gold and silver.

TOLEDO, Lewis Co. Pop. 280. M.O. Tel. Banking town and Ry. Winlock, 617.
G.S.—Leo De Hart, Olympia. Black Mountain lode. Tunnel, 20 ft. Gold, silver and zinc. Refractory ore. 50 days; 3 employes.
Champion of the World mine. Tunnel.

TRACYTON, Kitsap Co. Banking town and Ry. Seattle, 211; 346; 617; 812.
Stone—Jacob Wedge.

VALLEY, Stevens Co. Ry. 847.
Iron—Capital Iron Mine.
Iron—Davis & Houghton.

VANCE, Lewis Co. Pop. 40. Ry. Napavine, 617. Banking town Chehalis.
G.S.—Davis & Son. Gold and silver.

VANCOUVER, Clarke Co. Pop. 4,000. M.O. Tel. Ry. East Portland, 636.
G.S.—Washington & Nevada Mining Co. Gold and silver.

WALLA WALLA, Wallawalla Co. Pop. 5,000. M.O. Tel. Ry. 638; 920.
G.S.—Frank J. Parker. Gold and silver.

WASHINGTON HARBOR, Clallam Co. Ry. 852a.
G.S.—J. McKelvy & Co. Gold and silver.

WENATCHEE, Kittitas Co. M.O. Tel. Ry. 346.
Gold—California Mining Co.

WILKESON, Pierce Co. Pop. 110. M.O. Tel. Ry. 617. Banking town Tacoma.
B.Coal—Wilkeson Coal and Coke Co., Tacoma. Wilkeson mine, Nos. 1 to 7. Tunnel. 80,000 tons; 260 days; 160 employes. Steam. Washer.
Stone—Wilkeson Stone Quarries. Mitchell & Smith. Wilson F. Smith, secy. and treas.; Jos. T. Mitchell, mgr. Cap. $25,000. Sandstone. 300 days; 25 employes.

WINDOM, Lewis Co. Ry. Winlock, 617. Banking town Chehalis.
G.S.—Robt. Waddle. Gold and silver.

WOOLLEY, Skagit Co. Tel. Ry. 346; 811; 812. Banking town Mount Vernon.
B.Coal—Fairhaven Coal Mining Co.

WEST VIRGINIA

ACME, Kanawha Co. Ry. 150.
B.Coal—F. L. Garrison. (Local.)

ADA, Mercer Co. Pop. 32. M.O. Tel. Ry. 608. Banking town Bluefield.
Stone—B. S. Beecher.

ADAMSTON, Harrison Co. Pop. 56. Ry. 49. Banking town Clarksburg.
B.Coal—Adamston Coal & Coke Co., Clarksburg. Adamston mine. Open pit. 1,500 ft.; 36,500 tons; 250 days; 35 employes. Washers. 27 coke ovens. 10,000 tons. Steam. ½ mile ry.

ALBRIGHT, Preston Co. Pop. 100. Banking town and Ry. Kingwood, 934a.
B.Coal—W. H. Connor. (Local.)

ALDERSON, Monroe Co. Pop. 670. M.O. Tel. Ry. 150.
Stone—Alderson Brown Stone Co. Alderson quarry. Sandstone. Steam.

ALGOMA, McDowell Co. Pop. 1,000. Ry. 608. Banking town Bramwell.
B.Coal—Algoma Coal & Coke Co. L. C. Hansbrough, pres.; W. H. Thomas, v. pres., gen. mgr. and buyer; F. H. Chatmers, secy. and treas. Cap. stk. $100,000, pd. up. Algoma Nos. 1 and 2 mines. Tunnel 6,000 ft.; 200,000 tons; 400 employes. Steam. 175 coke ovens; 50,000 tons. W. H. Thomas, mine supt.
B.Coal—Gilliam Coal & Coke Co.
B.Coal—Roanoke Coal & Coke Co. W. S. Conell, gen. mgr.

ALUMBRIDGE, Lewis Co. Pop. 69. Tel. Banking town and Ry. Weston, 934.
B.Coal—S. C. Daugherty. (Local.)

ANITA, Marion Co. Ry. Catawba, 49. Banking town Fairmont
B.Coal—A. H. Carpenter. (Local.)
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ANSTED, Fayette Co. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—Gauley Mountain Coal Co. Wm. N. Page, pres. and gen. mgr.; Peter Cooper Hewitt, New York, secy.; George T. Bliss, New York, treas; J. E. Vawter, buyer. Cap. stk. $500,000, $425,000 pd. up. Gauley Mountain mine. Drift. 400,000 tons; 600 employes; 102 coke ovens; 35,000 annual output. J. W. Straughan, mine supt.
C.M.E.—Wm. N. Page, Civil and Mining Engineer.

ARLINGTON, Upshur Co. Pop. 18. Ry. Ivanhoe, 934.
B.Coal—G. Perine. (Local.)

ASHLAND, McDowell Co. Ry. 608.
B.Coal—Burkes Garden Coal & Coke Co.
Gold—Virginia Gold Mining & Milling Co.

ATLANTIC, Mineral Co. Pop. 35. Ry. Shaw, 933. Banking town Piedmont.
B.Coal—Atlantic & George's Creek Consolidated Coal Co., Baltimore, Md.

AUSTEN, Preston Co. Pop. 270. Ry. 49. Banking town Kingwood.
B.Coal—Austen Coal & Coke Co. Austen mine. Open pit.
B.Coal—Colgate & Co.

BANCROFT, Putnam Co. Pop. 300. Tel. Ry. 407. Banking town Charleston.
B.Coal—Bancroft Coal Co. Geo. S. Couch, pres.; Jas. L. McLean, secy. and treas.; Thos. B. Bancroft, gen. mgr. Cap. stk. $100,000, pd. up. Bancroft mine. Drift. 25,000 tons; 150 days; 75 employes. Mules.

BARBOURSVILLE, Cabell Co. Pop. 500. M.O. Tel. Ry. 150. Banking town Huntington.
B.Coal—Cox & Hockenberry. Coxs Landing. Mine opened Dec., 1895.

BAYARD, Grant Co. Pop. 200. M.O. Tel. Ry. 933. Banking town Piedmont.
B.Coal—A. B. Shaw & Co.

BEAUTY, Fayette Co. Ry. Nuttalburg, 150.
B.Coal—W. A. Blair. (Local.)
B.Coal—Chas. Higgins. (Local.)
B.Coal—John Small. (Local.)
B.Coal—J. B. Stone. (Local.)
B.Coal—J. C. Taylor. (Local.)

BEECH BOTTOM, Webster Co. Ry. 934.
B.Coal—S. E. Boon. (Local.)

BEECHWOOD, Monongalia Co. Ry. 49.
B.Coal—Patterson-Reisinger Coal & Coke Co.

BENSON, Harrison Co. Pop. 95. Ry. Janelew, 934. Banking town Clarksburg.
B.Coal—J. H. Fleming. (Local.)

BENTON'S FERRY, Marion Co. Pop. 26. Ry. 49. Banking town Fairmont.
B.Coal—Virginia & Pittsburg Coal & Coke Co., Pittsburg, Pa.

BENWOOD, Marshall Co. Pop. 3,000. M.O. Tel. Ry. 626; 686; 937. Banking town Wheeling.
B.Coal—Benwood Coal Works.
Stone—W. Duggan.
B.Fur.—Wheeling Steel & Iron Co., Wheeling. Benwood Works. 30 single puddling and 3 gas heating furnaces. 2 trains rolls (1 muck and 3-high skelp). 173 nail machines. Bituminous coal. Nails, 410,000 kegs.
Iron—Riverside Iron Works.

BETHANY, Brooke Co. Pop. 600. M.O. Tel. Banking town and Ry. Wellsburg, 660.
B.Coal—J. F. Dowden. (Local.)

BEURY, Fayette Co. Pop. 250. Ry. 150. Banking town Hinton.
B.Coal—Wm. Beury, Cooper & Co. J. L. Beury, gen. mgr.; R. T. Lewis, buyer. Echo mine. Tunnel; drift. 80,000 tons; 200 days; 150 employes. Steam. 50 coke ovens. Tom Beury, mine supt.

BIRCH RIVER, Nicholas Co. Pop. 77. Banking town and Ry. Sutton, 934.
B.Coal—B. Shaver. (Local.)

BISSELL, Fayette Co. Ry. 150.
B.Coal—Harvey Coal & Coke Co.

BLUEFIELD, Mercer Co. Pop. 1,880. M.O. Tel. Ry. 608.
B.Coal—W. H. Coffman Coke Co.

BRAMWELL, Mercer Co. Pop. 500. M.O. Tel. Ry. 608.
B.Coal—Booth-Bowen Coal & Coke Co. Booth-Bowen mine. Tunnel. Steam. 90 coke ovens.
B.Coal—Buckeye Coal & Coke Co.
Coke—Flat Top United Coke Co.
C.M.E.—F. L. Schoew, Civil and Mining Engineer.

BREADING, Mingo Co. Ry. Breeden, 608. Banking town Williamson.
C.Coal—Logan Cannel Coal Co.

BRIDGEPORT, Harrison Co. Pop. 460. M.O. Ry. 49. Banking town Clarksburg.
B.Coal—Black, Sheridan & Wilson.

BUNNERS, Marion Co. Banking town and Ry. Fairmont, 49.
B.Coal—W. H. Bunner. (Local.)
B.Coal—T. L. Carpenter. (Local.)

CALIS, Marshall Co. Ry. Cameron, 49. Banking town Moundsville.
B.Coal—J. W. Richmond. (Local.)

CAMDEN, Lewis Co Pop. 49. Ry. Weston, 934.
B.Coal—Wm. Sprouse. (Local.)

CANNELTON, Kanawha Co. Pop. 350. Tel. Ry. 407. Banking town Charleston.
B.Coal—Cannelton Coal Co.

CANTON, Marion Co. Banking town and Ry. Fairmont, 49.
B.Coal—J. H. Cordray. (Local.)
B.Coal—L. E. Hawkins. (Local.)
B.Coal—Everette Morgan. (Local.)
B.Coal—L. L. Morgan. (Local.)
B.Coal—J. M. Ross. (Local.)
B.Coal—J. W. Satterfield. (Local.)
B.Coal—F. & C. Swither. (Local.)

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CAPERTON, Fayette Co. Pop. 570. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—New River Coal & Coke Co. New River mine. Tunnel. 90,000 tons; 250 days; 150 employes. Steam. 150 coke ovens. G. H. Caperton, mine supt.

CARKIN, Kanawha Co. Ry. Brownston, 150. Banking town Charleston.
B.Coal—W. S. Carkin. Mine at Charleston.

CASSVILLE, Monongalia Co. Banking town and Ry. Morgantown, 49.
B.Coal—Clark Cole. (Local.)

CEDARGROVE, Kanawha Co. Tel. Ry. 407. Banking town Charleston.
B.Coal—Big Mountain Mining Co.
B.Coal—Cedargrove Mining Co. N. P. Helwig, pres.; John Banister, secy.; A. G. Duncan, treas. Cedargrove mine. 750,000 tons.

CHAPEL, Braxton Co. Pop. 25. Banking town and Ry. Sutton, 934.
B.Coal—Ernst Riley. (Local.)

CHARLESTON, Kanawha Co. Pop. 7,000. M.O. Tel. Ry. 141; 150; 407.
C.&M.E.—Albert M. Campbell, Civil and Mining Engineer.
B.Coal—W. S. Carkin, Carkin. Bennington mine. Open pit. 800 ft. (Idle.)
B.Coal—Kanawha Valley Coal Co.
B.Coal—S. S. Moore & Co. S. S. Moore, pres.; Frank Moore, v. pres., secy., treas. and gen. mgr. Cap. $1,600 Open pit. 300 tons; 100 days; 25 employes.
B.Coal—Virginia Eggett Coal Co.
B.Coal—St. Albans Coal Railroad Co.
B.Coal—Staunton Coal Co.

CLARKSBURG, Harrison Co. Pop. 3,050. M.O. Tel. Ry. 49; 548; 934.
B.Coal—Adamston Coal & Coke Co. A. W. Jones, pres.; Loyd Reed, v. pres.; F. P. Jones, secy. and treas.; I. M. Kelley, gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Mine at Adamston.
B.Coal-C.—Briar Hill Coal & Coke Co., Fairmont. Briar Hill mine. Drift. 50,000 tons; 200 days; 75 employes. Steam. 22 coke ovens; 1,000 tons. C. W. Watson, mine supt.
B.Coal—Central West Virginia Coal & Coke Co. Drift. Steam.
B.Coal—H. F. Doppelheuer, Mount Clare. West Fork mine. Open pit; 86,400 tons; 300 days; 25 employes.
B.Coal—Findley & Whitehead.
B.Coal—Glen Falls Coal & Coke Co. Mine at Glen Falls.
B.Coal—Harrison County Coal & Coke Co.
B.Coal—Pinnickinnick Coal Co.
B.Coal—West Fork Coal & Coke Co. Mine at Farnum. Drift. Coke ovens.

CLAYTON, Summers Co. Pop. 19. Ry. 150. Banking town Hinton.
Stone—Alderson Brownstone Co. Sandstone. Steam.

CLENDENIN, Kanawha Co. Pop. 107. Ry. 141; 199. Banking town Charleston.
B.Coal—C. W. Stump. (Local.)

CLIFTON, Mason Co. Pop. 675. M.O. Tel. Ry. 626. Banking town Pomeroy, Ohio.
Salt—Clifton Salt & Bromine Co. Clifton mine. Tunnel.

COALBURG, Kanawha Co. Pop. 580. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—Calvin Creek Coal Co.
B.Coal—Robinson Coal Co. Coalburg mine. Tunnel.
B.Coal—Stevens Coal Co. Acme and Keystone mines. Drifts.

COALDALE, Mercer Co. M.O. Ry. 608. Banking town Bramwell.
B.Coal—Coaldale Coal & Coke Co.

COIT, Fayette Co. Pop. 80. Ry. Stonecliff, 150. Banking town Hinton.
B.Coal—Stirling Coal & Coke Co.

COLE, Raleigh Co. Ry. Prince, 150.
B.Coal—J. W. White. (Local.)

COLLIERS, Brooke Co. Pop. 200. M.O. Tel. Ry. 686. Banking town Steubenville, Ohio.
B.Coal—Blanche Coal Co., Standard. Blanche mine. Tunnel: 75,000 tons; 50 employes. R. T. Williams, mine supt.

COMFORT, Boone Co. Ry. Brownstone, 150. Banking town Charleston.
B.Coal—W. K. Parker. (Local.)

COOPERS, Mercer Co. Pop. 176. M.O. Tel. Ry. 608. Banking town Bramwell.
B.Coal—Coaldale Coal & Coke Co. John Cooper, gen. mgr.
B.Coal—J. Cooper & Co.
B.Coal—Mill Creek Coal & Coke Co. Stirling mine. John Cooper, gen. mgr. Tunnel. Steam. 150 coke ovens.

CORINTH, Preston Co. Pop. 37. Ry. 49. Banking town Terra Alta.
B.Coal—Oakland Coal & Coke Co., Baltimore, Md. Oakland mine. Tunnel. Steam. 50 coke ovens.
B.Coal—Preston Lumber & Coal Co.
B.Coal—Snowy Creek Coal & Coke Co. Slope. Steam.
B.Coal—Yates Bros. & Sharp.

COX'S LANDING, Cabell Co. Pop. 27. Ry. 626. Banking town Huntington.
B.Coal—Cox & Hockenberry. Mine at Barboursville.

CRESCENT, Fayette Co. Pop. 150. Ry. 150. Banking town Charleston.
B.Coal—W. R. Johnson. (Local.)

CROWNHILL, Kanawha Co. M.O. Tel. Ry. 150 Banking town Charleston.
B.Coal—Ballard-Welch Coal & Coke Co.
B.Coal—Belmont Coal Co. Belmont mine. Tunnel. Steam.
B.Coal—G. W. Champ. Champion mine. Tunnel.
B.Coal—Crownhill Colliery Co.
B.Coal—Crownhill Splint Coal Co.

CUZZART, Preston Co. Pop. 27. Ry. Terra Alta, 49.
B.Coal—Daniel Myers. (Local.)

DECOTA, Kanawha Co. Pop. 27. Ry. Acme, 150.
B.Coal—L. Buzzard. (Local.)
B.Coal—A. Duncan. (Local.)
B.Coal—Thomas Duncan. (Local.)
B.Coal—J. W. Perry. (Local.)

DEEP VALLEY, Tyler Co. Ry. Greenwood, 49. Banking town West Union.
B.Coal—John Moore. (Local.)

DEEPWATER, Fayette Co. Pop. 175. Ry. 150. Banking town Charleston.
B.Coal—J. Riley. (Local.)

DINGESS, Mingo Co. Pop. 45. Tel. Ry. 608. Banking town Huntington.
B.Coal—Mount Hope Mining Co.
B.Coal—Pearl Mining Co.

DOUGLAS, Tucker Co. Pop. 400. P.O. Hendricks. Ry. 933.
B.Coal—Cumberland Coal Co., 213 E. German St., Baltimore, Md. Douglas mine. Slope, 4,500 ft.; 90,000 tons; 235 days; 150 employes; 60 coke ovens; 22,000 tons. Steam. Coke crushers. John B. Jenkins, mine supt.

DUNLOW, Wayne Co. Tel. Ry. 608. Banking town Ceredo.
B.Coal—Dunlow Coal Co. Open pit. Horse.
B.Coal—Guyandot Coal Land Association.
C.Coal—H. Pirrung, 205 Railroad St., Ironton, Ohio. Dunlow mine. Semi-cannel coal. Drift, 900 ft.; 30 employes. John S. Pirrung, mine supt.

EAGLE, Fayette Co. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—Eagle Coal Co.
B.Coal—Forest Hill Co.
B.Coal—St. Clair Coal Co.
B.Coal—Wyant Coal & Coke Co. Eagle and Diamond mines. Tunnel. Horse.

EASTBANK, Kanawha Co. M.O. Ry. 150. Banking town Charleston.
B.Coal—Eastbank Coal & Coke Co. Eastbank mine. Tunnel. Horse.

ECKMAN, McDowell Co. M.O. Tel. Ry. 608. Banking town Bramwell.
Iron—Pulaski Iron Co., Philadelphia, Pa.
B.Coal—Pulaski Coal & Coke Co. S. F. Morris, gen mgr.
B.Coal—Shawnee Coal & Coke Co. W. R. Graham, gen. mgr.

EDMOND, Fayette Co. Ry. Nuttalburg, 150.
B.Coal—P. L. Goode. (Local.)
B.Coal—R. H. Holliday. (Local.)
B.Coal—Louis Meadows. (Local.)
B.Coal—Frank Smalls. (Local.)
B.Coal—T. W. Withrow. (Local.)

EFFIE, Wayne Co. Pop. 43. Ry. Ferguson, 608.
B.Coal—James Balsh. (Local.)

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ELDORA, Marion Co. Ry. Watson, 540.
B.Coal—J. L. Bice. (Local.)

ELK GARDEN, Mineral Co. Pop. 720. M.O. Tel. Ry. 933. Banking town Piedmont.
B.Coal—Big Vein Coal & Coke Co.

ELKHORN, McDowell Co. M.O. Tel. Ry. 608. Banking ing town Bramwell.
B.Coal—Crozer Coal & Coke Co. W. J. Morgan, gen. mgr., Upland, Pa. Tunnel. Steam.
C.M.E.—Geo. W. Harris, B. S., Civil and Mining Engineer.
B.Coal—Houston Coal & Coke Co. T. E. Houston, gen. mgr.
B.Coal—Pocahontas Coal Co.
B.Coal—Upland Coal & Coke Co. E. B. Wilson, gen. mgr.

ELKINS, Randolph Co. Pop. 780. M.O. Tel. Ry. 933.
Stone—Readland Stone Co. (William J. Read, owner.) Readland quarry. Argillaceous sandstone.

ELMGROVE, Ohio Co. Pop. 560. M.O. Tel. Ry. 49; 935. Banking town Wheeling.
B.Coal—W. T. Chambers & Co.
B.Coal—Elm Grove Coal Co. J. A. Monroe, pres.; E. M. Atkinson, v. pres. and treas.; W. B. Gilmore, secy.; J. B. Chambers, gen. mgr. and buyer. Cap. stk. $32,000, $28,500 pd. up. Elm Grove mine. Shaft, 60 ft.; 37,500 tons; 300 days; 85 employes. Steam. David Evans, mine supt.

ELMIRA, Braxton Co. Pop. 30. Ry. Spencer, 626.
B.Coal—W. S. Parsons. (Local.)

EMORY, Mineral Co. Pop. 45. Ry. 933. Banking town Piedmont.
B.Coal—Elk Garden Big Vein Coal Co.

ENNIS, McDowell Co. M.O. Ry. 608. Banking town Bramwell.
B.Coal—Turkey Gap Coal & Coke Co. W. H. McQuail, gen. mgr.

FAIRFAX, Mingo Co. Ry. 608. Banking town Williamson.
B.Coal—Fairfax Coal & Coke Co.

FAIRFIELD, Kanawha Co. Pop. 25. Ry. 150. Banking town Charleston.
B.Coal—Oakdale Coal & Lime Co.
B.Coal—Stevens Coal & Coke Co.

FAIRMONT, Marion Co. Pop. 1,080. M.O. Tel. Ry. 49; 548.
B.Coal—Briar Hill Coal & Coke Co. Mine at Clarksburg.
B.Coal—Central Gas & Coke Co. Central mine. Open pit. 16 coke ovens; 7,000 tons capacity.
B.Coal—Clark Coal & Coke Co.
B.Coal—Gaston Gas Coal Co. Gaston mine. Drift; 200,000 tons; 275 days; 300 employes. Steam. 87 coke ovens; 20,000 tons. S. L. Watson, mine supt.
B.Coal—Koons Run Coal & Coke Co.
B.Coal—Montana Coal & Coke Co. James O. Watson, pres.; George De Bolt, secy.; J. E. Watson, treas. and gen. mgr.; J. E. Gaskill, buyer. Mine at Montana.
B.Coal—New England Coal & Coke Co. New England mine. Drift. 100,000 tons; 100 employes; 90 coke ovens; 20,000 tons. H. K. Brooks, mine supt.
B.Coal—Wellington Coal & Coke Co.
B. Coal—West Fairmont Coal & Coke Co. West Fairmont mine. Shaft, 105 ft.; 130,000 tons; 275 days; 160 employes. Steam. 36 coke ovens; 10,000 tons.
Gold—West Virginia Gold Mining & Milling Co. T. W. Fleming, pres.; C. B. Fleming, secy. Cap. stk., $1,000,000. Claims at Cripple Creek, Colo.

FAYETTE, Fayette Co. Pop. 85. Tel. Ry. 150. Banking town Charleston.
B.Coal—J. A. Boone.
B.Coal—Fayette Coal & Coke Co.

FAYETTEVILLE, Fayette Co. Pop. 500. M.O. Tel. Ry. Fayette, 150. Banking town Charleston.
B.Coal—W. A. Burke Coal Co., Staunton, Va. Tunnel, 2,000 ft.; 75 employes; 25 coke ovens building. D. E. Barker, mine supt. Shipping station, Elmo, 2½ miles.

FINLOW, Fayette Co. Pop. 200. Ry. Thurmond, 150.
B.Coal—Brooklyn Coal Co., Rush Run. Finlow mine. Drift; 75,000 tons.

FIRECREEK, Fayette Co. Pop. 200. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—Central Coal Co.

FIRECREEK—Continued.
B.Coal—Fire Creek Coal & Coke Co. M. E. Miller, pres.; G. H. Caperton, gen. mgr. and buyer. Fire Creek mine. Tunnel, 7,000 ft.; 90,000 tons; 250 days; 150 employes. Steam. Crusher. 50 double coke ovens. David Stoddart, mine supt. Operate 1⅛ miles ry., 1 locomotive, 100 cars.

FLATROCK, Mason Co. Pop. 15. Ry. Ambrosia, 407. Banking town Point Pleasant.
B.Coal—J. A. Boggess. (Local.)

FLEMINGTON, Taylor Co. Pop. 500. M.O. Tel. Ry. 49. Banking town Grafton.
B.Coal—Flemington Coal & Coke Co., 44 and 46 Broadway, New York. Flemington mines. Tunnel, 2,000 ft., and drifts; 300,000 tons; 300 days; 250 employes. Horse. 2 miles tramway; 100 cars. A. P. Goedecke, mine supt.

FLORA, Barbour Co. Pop. 27. Ry. Belington, 49; 933 Banking town Philippi.
B.Coal—Adam Coontz. (Local.)
B.Coal—John Sherman. (Local.)
B.Coal—George Vangilder. (Local.)

FOWLERS, Brooke Co. Pop. 40. Banking town and Ry. Wellsburg, 660.
B.Coal—John Bannam & Bro. (Local.)
B.Coal—Zadok Fowler. (Local.)
B.Coal—J. Ransom & Bros. (Local.)

FRAZIERS BOTTOM, Putnam Co. Ry. Midway, 407. Banking town Point Pleasant.
B.Coal—John Davis. (Local.)

FREED, Calhoun Co. Ry. Harrisville, 659a. Banking town Spencer.
B.Coal—Benjamin Dye. (Local.)

FREEMAN, Mercer Co. Pop. 180. Ry. Simmons, 608. Banking town Bramwell.
B.Coal—Buckeye Coal & Coke Co. J. E. Hewitt, gen. mgr.
B.Coal—Caswell Coal & Coke Co. Jenkin Jones, gen. mgr.
B.Coal—Booth-Bowen Coal & Coke Co. Jas. Booth, gen. mgr.
B.Coal—Caswell Creek Coal Co.

FUDGES CREEK, Cabell Co. Pop. 19. Ry. Ona, 150.
B.Coal—H. L. Beckett. (Local.)
B.Coal—J. H. Sanders. (Local.)

GARNET, Kanawha Co. Ry. Kanawha City, 150.
B.Coal—James Lane. (Local.)
B.Coal—Russell Lane. (Local.)
B.Coal—L. G. Martin. (Local.)

GASTON, Lewis Co. Pop. 60. Ry. 934. Banking town Weston.
B.Coal—N. Bush. (Local.)
B.Coal—Critis & Gaston. (Local.)
B.Coal—T. M. Gaston. (Local.)
B.Coal—S. C. Sutton. (Local.)

GENOA, Wayne Co. Ry. 608. Banking town Ceredo.
B.Coal—Ohio Lumber & Mining Co.

GILLIAM, McDowell Co. Ry. 608.
B.Coal—Gilliam Coal & Coke Co., Lynchburg, Va. Tunnel, 5,280 ft. 100,000 tons; 100 coke ovens; 50,000 tons; 200 days; 50 employes. Jas. Johnston, mine supt. Operate 1 locomotive, 100 cars.

GLADESVILLE, Preston Co. Pop. 103. Ry. Newburg, 49. Banking town Kingwood.
B.Coal—Thomas Pentong. (Local.)

GLENDALE, Marshall Co. Ry. 707.
Coal—Glendale Coal Co.

GLENJEAN, Fayette Co. Ry. 211. Bank town Charleston.
B.Coal—Collins Colliery Co. Justice Collins, pres.; Geo. M. Jones, v. pres. and treas.; John H. Lewis, secy.; Jairus Collins, gen. mgr. and buyer. Cap. stk. $120,000, pd. up. Collins mine. Slope; drift. 150,000 tons; 250 days; 300 employes. Steam. 100 coke ovens; 50,000 tons. James Kelso, mine supt.
B.Coal—Dunloop Coal & Coke Co.
B.Coal—McKell Coal & Coke Co.
C.M.E.—Thomas Nichol, Civil and Mining Engineer.
B.Coal—Star Coal & Coke Co.

GLENVILLE, Gilmer Co. M.O. Tel. Ry. Burnsville, 944. Banking town Weston.
B.Coal—West Virginia Coal & Coke Co.

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GOODWILL, Mercer Co. M.O. Ry. 608.
B.Coal—Goodwill Coal & Coke Co. Phillipp Goodwill, gen. mgr.
B.Coal—Louisville Coal & Coke Co. Justus Collins, gen. mgr.

GRAHAM MINES, Kanawha Co. Pop. 99. Ry. 141. Banking town Charleston.
B.Coal—T. J. Mason, Mason. Open pit; 25,000 tons; 175 days; 25 employes. Henry Green, mine supt.

GRIFFITHSVILLE, Lincoln Co. Pop. 75. Ry. St. Albans, 150. Banking town Charleston.
B.Coal—J. W. Roach. (Local.)

HANDLEY, Kanawha Co. Pop. 150. M.O. Ry. 150. Banking town Charleston.
B.Coal—Chesapeake Mining Co. J. Q. Dickinson, pres. and treas.; S. Montgomery, v. pres.; Malcolm Jackson, secy.; J. B. Lewis, gen. mgr. and buyer. Cap. stk. $100,000, $50,000 pd. up. Chesapeake mine. Open pit. 250,000 tons; 400 employes. Breaker. ½ mile ry., 1 locomotive, 200 cars. J. B. Lewis, mine supt.
B.Coal—Daniel Stone. (Local.)

HARDING, Randolph Co. Ry. 933.
B.Coal—United States Coal & Manufacturing Co.

HARPERS FERRY, Jefferson Co. Pop. 960. Ry. 49.
B.Coal—Ran Mining & Manufacturing Co.

HARPERS MILLS, Pendleton Co. Pop. 30. Ry. Harrisonburg, Va., 49.
C.E.—D. A. Lander, Civil Engineer and Surveyor.

HARTFORD, Mason Co. Pop. 500. M.O. Tel. Ry. 626. Banking town Pomeroy, Ohio.
Salt—Hartford City Salt Co.
B.Coal—Juhling Coal Co. California mine. Slope. Steam.
Sa.C.—Liverpool Salt & Coal Co. Bituminous coal and salt. Tunnel. Horse. Well.
Salt—Newton & Donnelly. Well.
B.Coal—Pierce Bros. Co.

HARTMONSVILLE, Mineral Co. Pop. 20. Ry. Emory, 933. Banking town Piedmont.
B.Coal—W. J. Stump. (Local.)

HAWKSNEST, Fayette Co. Pop. 215. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—Deitz & Masterson Coal & Coke Co.
B.Coal—M. T. Stevens. (Local.)
B.Coal—S. M. Taylor. (Local.)
B.Coal—Thomas & Lomax. (Local.)

HELENA, McDowell Co. P.O. Welch. Ry. 608.
B.Coal—Charleston Coal & Coke Co. T. L. Henritz, gen. mgr.

HENDERSON, Mason Co. Pop. 130. Ry. 626. Banking town Point Pleasant.
B.Coal—Tebner Bros. (Local.)

HINTON, Somers Co. Pop. 2,600. M.O. Tel. Ry. 150.
Stone—Scanlon & McDonald.

HUTCHINSON, Marion Co. Ry. 548.
B.Coal—Worthington Coal & Coke Co.

INDEPENDENCE, Preston Co. Pop. 275. M.O. Tel. Ry. 49. Banking town Grafton.
B.Fur.—F. Nemegyei. Irondale furnace. One stack, 60x 13½. Gordon-Whitwell-Cowper stoves. Coke. Pig iron. 16,000 gross tons. Brand "F. N."

INDIAN CAMP, Upshur Co. Ry. Alton, 934.
B.Coal—A. G. Snyder. (Local.)

JARVISVILLE, Harrison Co. Pop. 130. Ry. 49. Banking town Charleston.
B.Coal—Wm. Jarvis. (Local.)

JONES, McDowell Co. P.O. McDowell. Banking town and Ry. Bramwell, 608.
B.Coal—Rolfe Coal & Coke Co. G. H. Paddock, gen. mgr.
B.Coal—Indian Ridge Coal & Coke Co. C. Botsford, mgr.

KANAWHA CITY, Kanawha Co. M.O. Ry. 150.
Stone—John Collins.
B.Coal—Potts Valley Mining & Manufacturing Co.

KEARNEYSVILLE, Jefferson Co. M.O. Tel. Ry. Kerneysville, 49.
Stone—A. G. Morris.

KEENEYS CREEK, Fayette Co. Pop. 200. P.O. Caperton. Ry. 150.
B.Coal—Nuttallburg Coal & Coke Co., Nuttallburg. Keeneys Creek mine. 50,000 tons.

KENNA, Jackson Co. Banking town and Ry. Jackson, 738.
B.Coal—B. C. Lanhan. (Local.)

KESLERS CROSSLANES, Nicholas Co. Pop. 60. Ry. Belva, 150. Banking town Charleston.
B.Coal—Thos. Stead.

KINGSVILLE, Randolph Co. Pop. 40. Ry. Beverly, 933. Banking town Elkins.
B.Coal—P. F. Joyce. (Local.)

KYLE, McDowell Co. Ry. 608. Banking town Bramwell.
B.Coal—Elk Ridge Coal & Coke Co. L. E. Tierny, gen. mgr.
B.Coal—Lynchburg Coal & Coke Co. L. E. Tierny, gen. mgr.

LANDGRAFF, McDowell Co. Pop. 150. Ry. 608. Banking town Welch.
B.Coal—Empire Coal & Coke Co. Frank E. Randall, pres.; Russell Sturgis, secy. and treas.; Wm. D. Ord, gen. mgr.; H. D. Knecht, buyer. Cap. stk. $125,000. Empire mine. Semi-bituminous coal. Tunnel, 4,000 ft.; 50,000 tons; 200 days; 100 employes. Steam. 100 coke ovens; 12,000 tons. Wm. D. Ord, mine supt.

LEADING CREEK, Lewis Co. Pop. 25. Banking town and Ry. Weston, 934.
B.Coal—C. & W. Hefner.

LOCKWOOD, Nicholas Co. Ry. Belva, 150.
A.Coal—R. L. Dixon.
A.Coal—J. C. Dorsey.
A.Coal—L. H. Dorsey. Tunnel, 180 ft.
A.Coal—Austin Drennan.

LOOKOUT, Fayette Co. Pop. 100. Ry. 150. Banking town Charleston.
B.Coal—J. F. Cavendish. Drift.

LOUISVILLE, Monongalia Co. Pop. 60. Ry. Opekiska, 49.
B.Coal—Frank Fisher. (Local.)
B.Coal—John Fisher. (Local.)

LURD, Kanawha Co. Ry. Charleston, 141; 150; 407.
B.Coal—W. E. Parsons. (Local.)

McCLELLAN, Marion Co. Pop. 27. Ry. Farmington, 49. Banking town Fairmont.
B.Coal—Peter Walls. (Local.)

McDOWELL, McDowell Co. Ry. 608. Banking town Bramwell.
B.Coal—Arlington Coal & Coke Co., Lynchburg, Va. Tunnel, 5,280 ft. 100,000 tons coal; 100 coke ovens; 50,000 tons; 200 days; 50 employes Jas Johnston, mine supt.
C.M.E.—W. S. Cope, Civil and Mining Engineer.
B.Coal—Ashland Coal & Coke Co. Thos. Denning, gen. mgr.
B.Coal—Eureka Coal & Coke Co. L. E. Tierny, gen. mgr. Eureka mine. Tunnel. Steam.
B.Coal—Greenbriar Coal & Coke Co. Justus Collins, pres.; C. V. Winfree, v. pres.; J. B. Perry, secy. and treas.; Hugh Johnston, gen. mgr.; R. L. Carney, buyer. Cap. stk. $100,000. Greenbriar mine. Tunnel. 100 coke ovens.
B.Coal—McDowell Coal & Coke Co. John Cooper, pres.; Wm. Beury, v. pres.; B. F. Keller, secy. and treas.; T. T. Lineaweaver, gen. mgr.; W. A. Young, buyer. Cap. stk. $80,000. 70,000 tons; 150 employes. Horse. 100 coke ovens; 25,000 tons. T. T. Lineaweaver, mine supt.

McMECHEN, Marshall Co. Pop. 28. M.O. Ry. 49. Banking town Wheeling.
B.Coal—J. A. Ruckman. (Local.)
B.Coal—Samuel Villers. (Local.)

MAJORSVILLE, Marshall Co. Ry. 49. Banking town Moundsville.
B.Coal—David Majors. (Local.)
B.Coal—M. Patton. (Local.)
B.Coal—G. W. Richmond. (Local.)
B.Coal—Ward Satters. (Local.)

MALDEN, Kanawha Co. Pop. 1,000. M.O. Tel. Ry. 150; 407. Banking town Charleston.
B.Coal—Campbells Creek Coal Co., foot of Baymiller St., Cincinnati, Ohio. Open pit. 180,000 tons; 325 employes. Steam and electricity. Operate 3 miles ry. 1 locomotive, 300 cars, 3 steamers. J. E. Dana, mine supt.

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MALDEN—Continued.
B.Coal—J. Q. Dickinson & Co. J. Q. Dickinson, pres.; Wm. Dickinson, supt. and buyer. Dickinson mine. Open pit, 32,000 tons; 300 days; 40 employes. Steam. 2 miles ry, 10 cars. Use production in salt manufacturing.
B.Coal—Pioneer Coal Co., Cincinnati, Ohio. Slope. Steam.

MAMMOTH, Kanawha Co. Ry. 422a.
C.M.E.—Carl Scholz, Civil and Mining Engineer.
B.Coal—Thomas-Scholz Coal Co. J. R. Thomas, pres. and buyer; C. Scholz, secy. and gen. mgr. Cap. stk. $100,000. Anne mine. Drift. 100,000 tons; 50 employes. Max Scholz, mine supt.

MARQUESS, Preston Co. Pop. 30. Ry. Tunnelton, 49. Banking town Kingwood.
B.Coal—Wm. Bowman. (Local.)
B.Coal—Geo. Sloss. (Local.)

MARTINSBURG, Berkeley Co. Pop. 8,000. M.O. Tel. Ry. 49; 235.
Stone—A. W. Flagg Estate Mining & Investment Co.
B.Coal—Martinsburg Mining Co.

MASON, Mason Co. Pop. 1,000. M.O. Ry. Mason City, 626.
Salt—Hope Salt & Coal Co. Hope mine. Tunnel. Horse.
B.Coal—T. J. Mason. Mine at Graham Mines.
Salt—Southern Salt Co. Steam.

MATEWAN, Mingo Co. Tel. Ry. 608. Banking town Williamson.
B.Coal—Alma Coal & Coke Co.
B.Coal—Logan Consolidated Coal Co. Walter Graham, pres. and treas.; Herbert Hunter, gen. mgr.; Frank Wilson, buyer. Cap. stk. $100,000. Tunnel. (Developing.)
B.Coal—Lynn Coal & Coke Co., Sheppard. Lynn mine. Slope. 25 employes. Wm. Cook, mine supt.
C.M.E.—Audley H. Stow, Civil and Mining Engineer. Specialty—West Virginia and Kentucky coal properties.

MAYBEURY, McDowell Co. Pop. 1,000. Ry. 608. Banking town Bramwell.
B.Coal—Delta Coal & Coke Co. E. S. Hutchinson, gen. mgr.
B.Coal—Elkhorn Coal & Coke Co. W. H. Barlow, gen. mgr. Open pit. 100 coke ovens.
B.Coal—Dick Branch Colliery. E. S. Hutchinson, gen. mgr.
B.Coal—Norfolk Coal & Coke Co. Stuart M. Buck, pres. and gen. mgr. Norfolk mine. Tunnel. Steam. 170 coke ovens.
B.Coal—Shamokin Coal & Coke Co. J. Hunter, gen. mgr.

MAYTON, Webster Co. Ry. Selbyville, 934.
B.Coal—Arron Mining Co.

MIDDLEPORT, Webster Co. P.O. Removal. Ry. Hyer, 934.
B.Coal—Hysell & Edwards. (Local.)

MINOR, Monongalia Co. Ry. Randall, 49.
B.Coal—Edward Sayers. (Local.)
B.Coal—John Tukesperry. (Local.)

MONTANA, Marion Co. P.O. Montana Mines, 49. Banking town Fairmont.
B.Coal-C.—Montana Coal & Coke Co., Fairmont. Montana mine. Drift. 250,000 tons; 275 days; 300 employes. 158 coke ovens; 35,000 tons. Steam. J. E. Gaskill, mine supt.

MONTGOMERY, Fayette Co. M.O. Tel. Ry. 150 Banking town Charleston.
B.Coal—Carver Bros. Mine at Edgewater. Edgewater mine. Open pit.
B.Coal—Coal Valley Mining Co.
B.Coal—Consolidated Mining Co.
B.Coal—M. T. Davis & Co.
B.Coal—Mecca Coal & Coke Co.
B.Coal—Union Coal Co.

MONONGAH, Marion Co. M.O. Tel. Ry. 548. Banking town Fairmont.
B.Coal—Monongah Coal & Coke Co. Monongah mine. Slope. Washer. Breaker. Electricity.

MORGAN, Kanawha Co. P.O. Mink. Ry. Charleston, 141; 150; 407.
B.Coal—Edwin Archbald. (Local.)

MOUNDSVILLE, Marshall Co. Pop. 2,690. M.O. Tel. Ry. 49; 626.
C.E.—J. F. Burley, Civil Engineer. City, Road and Mine Surveying.
B.Coal—Moundsville Coal Co. Moundsville mine. Shaft. Steam.

MOUNT CARBON, Fayette Co. Pop. 440. M.O. Tel. Ry. 150; 707. Banking town Charleston.
B.Coal—Great Kanawha Colliery Co. Great Kanawha mine. Shaft, tunnel. 66 coke ovens; 25,000 tons capacity.

MOUNT CLARE, Harrison Co. Pop. 340. Tel. Ry. 934. Banking town Clarksburg.
B.Coal—H. F. Doppelheuer. Mine at Clarksburg.
B.Coal—M. L. Haselden. (Local.)
C.M.E.—John F. Healy, Civil and Mining Engineer.
B.Coal—J. Lynch & Co. (Local.)
B.Coal—Mount Clare Coal Co. J. H. Hanson, pres. and gen. mgr.; Claude Davisson, secy.; W. I. Davisson, treas. Mount Clare mine. Tunnel, 1,600 ft.; 24,000 tons; 250 days; 15 employes. J. F. Healy, mine supt.
B.Coal—M. L. Patterson & Co.

NEWHAVEN, Mason Co. Pop. 598. M.O. Tel. Ry. 626. Banking town Pomeroy, Ohio.
B.Coal—Consumers Coal & Mining Co. Camden mine. Open pit. Drift. Steam and electricity.
B.Coal—West Virginia Coal Works.

NUTTALLBURG, Fayette Co. Ry. 150.
B.Coal—Ballinger Coal & Coke Co.
B. Coal—Boone Coal & Coke Co.
B. Coal—Brown Coal Co.
B.Coal-C.—Nuttallburg Coal & Coke Co. John Nuttall, pres.; Jackson Taylor, secy. and treas.; W. H. Holland, M. E., gen. mgr.; H. H. Rothwell, buyer. Nuttleburg mine; 60,000 tons; 275 employes; 75 coke ovens. Also mine at Keeneys Creek.
B.Coal—Rothwell Coal Co. Fred Rothwell, pres., gen. mgr. and buyer; Harrison B. Smith, secy. and treas. Dubree Colliery. Tunnel, 5,280 ft.; 75,000 tons; 260 days; 120 employes. 50 cars.

NUZUMS, Marion Co. Pop. 37. Ry. name Nuzum, 49. Banking town Grafton.
B.Coal—S. R. Linn. (Local.)

OPEKISKA, Monongalia Co. Pop. 65. Tel. Ry. 49. Banking town Morgantown.
B.Coal—Acme Coal Co. Opekiska mine. Drift. 20 coke ovens; 10,000 tons capacity.
B.Coal—Opekiska Coal & Coke Co.

ORPHA, Barbour Co. Ry. 49.
B.Coal—John Brown. (Local.)

PARKERSBURG, Wood Co. Pop. 9,000. M.O. Tel. Ry. 49; 626.
C.E.Sur.—J. S. A. Farrow, Civil Engineer and Surveyor, 1206 Avery St.
Stone—C. M. Keenan.
Stone—J. J. McNerney.
Attys.—Merrick & Smith, Attorneys at Law. Commercial, Corporation and Real Estate Law. Collections throughout West Virginia and Southern Ohio. References: Parkersburg National Bank and First National Bank of Parkersburg. Compilers Laws of West Virginia for the RECORD.

PEABODY, Kanawha Co. P.O. and Ry. Monarch, 407.
B.Coal—Peabody Coal Co.

PEERLESS, Kanawha Co. Ry. 150. Banking town Charleston.
B.Coal—S. W. Bard. (Local.)
B.Coal—Peerless Coal Co., Cincinnati, Ohio. H. C. Zacharias, gen. mgr.

PIEDMONT, Mineral Co. Pop. 2,000. M.O. Tel. Ry. 49; 232.
B.Coal—Atlantic & George's Creek Consolidated Coal Co., Baltimore, Md.
B.Coal—H. G. Davis. (Local.)
C.P.—Piedmont Coal & Phosphate Co.

PLYMOUTH, Putnam Co. Tel. Ry. 407. Banking town Charleston.
B.Coal—Carver Coal Co. Plymouth mine. Drift. Horse.

POWELLTON, Fayette Co. Pop. 492. M.O. Tel. Ry. 707. Banking town Charleston.
B.Coal—Mount Carbon Co., Ltd. Powellton mine. Tunnel. Breaker. 202 coke ovens; 75,000 tons capacity.

POWHATAN, McDowell Co. Ry. 608. Banking town Bramwell.
B.Coal—Algoma Coal & Coke Co.
B.Coal—Powhatan Coal & Coke Co. L. E. Tierny, gen. mgr. Powhatan mine. Open pit, tunnel. 150 coke ovens; 36,000 tons capacity. Steam.

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PRESTON, Wayne Co. Ry. 49. Banking town Ceredo.
B.Coal—Well's Branch Coal Co.

QUEEN CITY, Putnam Co. Ry. 407. Banking town Charleston.
B.Coal—Queen City Coal & Coke Co.

QUINNIMONT, Fayette Co. Pop. 620. Tel. Ry. 150.
Coke—Quinnimont Coal & Iron Co. Quinnimont mine. Drift. 100 coke ovens; 20,000 tons capacity. Steam.

RAYMOND CITY, Putnam Co. Pop. 660. Tel. Ry. 407. Banking town Gallipolis, Ohio.
B.Coal—Marmet-Smith Coal & Mining Co.
B.Coal—Raymond City Coal Co.

REDHOUSE SHOALS, Putnam Co. Pop. 155. M.O. Ry. 407. Banking town Point Pleasant.
B.Coal—L. T. Bowyer. (Local.)

RIVERVIEW, Fayette Co. Pop. 30. Ry. 150. Banking town Charleston.
B.Coal—Dimmick Coal & Coke Co.

RUSH RUN, Fayette Co. Pop. 500. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—Brooklyn Coal Co. J. Fred Effinger, pres.; W. P. Tams, treas.; F. Howald, gen. mgr. Mine at Finlow.
B.Coal—Cunard Coal Co. J. Fred Effinger, pres.; F. Howald, treas. and gen. mgr. Mine at Sewell.
B.Coal—Red Ash Coal Co. J. Fred Effinger, pres.; Lucius G. Smith, secy.; W. P. Tams, treas.; F. Howald, gen. mgr. Red Ash mine. Drift, 90,000 tons.
B.Coal.—Royal Coal & Coke Co. Prince mine. Drift.
B.Coal—Rush Run Coal & Coke Co. J. Fred Effinger, pres.; W. P. Tams, treas.; F. Howald, gen. mgr. Rush Run mine. Drift. 125,000 tons.

SATTES, Kanawha Co. Pop. 24. Tel. Ry. 407. Banking town Charleston.
Gran.—I. Gencer. Granite.
Stone—F A. Sattes.
Stone—Smith & Munfee.

SCOTTDALE, Marion Co. P.O. and Ry. Catawba, 49. Banking town Fairmont.
B.Coal—Hutchinson Bros. & Hinrod.

SEWELL, Fayette Co. Pop. 500. M.O. Tel. Ry. 150.
B.Coal—Cunard Coal Co., Rush Run. Cunard mine. Drift. 75,000 tons.
C.M.E.—Horace D. Gast, Civil and Mining Engineer.

SHAW, Mineral Co. Pop. 65. M.O. Tel. Ry. 933. Banking town Keyser.
B.Coal—Patrick Grant, Jr. (Local.)
B.Coal—Manor Big Vein Coal Co., Baltimore, Md. Manor mine. Slope, 2,000 ft. 75,000 tons; 240 days; 65 employes. Horse.
B.Coal—West Virginia Central & Pittsburg Railroad Co. Elk Garden and other mines. Open pits. Steam.

SHEPPARD, Mingo Co. Ry. 608.
B.Coal—Lynn Coal & Coke Co. J. B. Kirk, pres.; J. S. Kirk, v. pres.; Chas. E. Stafford, secy., treas. and buyer; S. J. Trumon, gen. mgr. Cap. stk. $100,000, $15,000 pd. up. Mine at Matewan.

SHORTCREEK, Brooke Co. Pop. 18. Ry. 686. Banking town Wheeling.
B.Coal—Cooper Coal Co.

SHREWSBURY, Kanawha Co. Pop. 71. Ry. 407. Banking town Charleston.
B.Coal—M. Neylan. (Local.)
B.Coal—Peabody Coal Co.

SIMPSON, Taylor Co. Pop. 150. Tel. Ry. 49. Banking town Grafton.
B.Coal—R. Davisson. (Local.)
B.Coal—Simpson Gas Coal Co. Simpson mine. Tunnel.

SPILMAN, Mason Co. Ry. name Camden, 626. Banking town Pomeroy, Ohio.
B.Coal—Consumers' Coal & Mining Co. Camden mine. Open pit. Steam.

SPRINGFIELD, Hampshire Co. Pop. 170. M.O. Ry. 49. Banking town Romney.
B.Coal—Springfield & New River Development Co.

SPRINGHILL, Kanawha Co. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—Black Band Mining & Manufacturing Co. Black Band mine. Drift. Steam.
B.Coal—Coal River Coal Co.

STANDARD, Brooke Co. Ry. Colliers, 660.
B.Coal—Blanche Coal Co. W. E. Smith, pres.; L. O. Smith, secy. and treas. Mine at Colliers Station.

STONE CLIFF, Fayette Co. Pop. 120. M.O. Tel. Ry. 150. Banking town Hinton.
B.Coal—Beury Coal & Coke Co.

TACY, Barbour Co. Pop. 115. Ry. Nicklow, 49. Banking town Philippi.
B.Coal—Thos. Watkins. (Local.)

THACKER, Mingo Co. P.O. Beechcreek. Ry. 608.
B.Coal—Maritime Coal Co.
B.Coal—Thacker Coal & Coke Co.

THOMAS, Tucker Co. Pop. 230. M.O. Tel. Ry. 933. Banking town Davis.
B.Coal—Davis Coal & Coke Co. S. B. Elkins, pres.; H. G. Buxton, v. pres.; T. S. Landstreet, secy., gen. mgr. and buyer; F. B. Lott, treas. Cap. stk. $3,000,000, pd. up. Thomas mine. Drift. 150,000 tons; 300 days; 210 employes; 22 coke ovens; 9,000 tons.
Thomas' shaft mine. Shaft, 186 ft.; 80,000 tons; 270 days; 120 employes. Steam. Wm. Coulson, mine supt.
Coketon mine. Drift. 120,000 tons; 300 days; 325 employes. Steam. 329 coke ovens; 144,000 tons. J. C. Brydon, mine supt. Mines also at W. Va. Junction and Windom.

THURMOND, Fayette Co. M.O. Tel. Ry. 150. Banking town Charleston.
B.Coal—Thurmond Coal Co., Staunton.
B.Coal—Dimmock Coal Co. Dimmock mine. Tunnel and drift. 75,000 tons; 200 days. Geo. Moran, mine supt.

TUNNELTON, Preston Co. M.O. Tel. Pop. 180. Ry. 49; 934a.
B.Coal—Merchants' Coal Co., Baltimore, Md.
B.Coal—West End Coke Co. West End mine. Open pit. 10 coke ovens; 4,500 tons capacity.

TYRCONNELL MINES, Taylor Co. Pop. 160. Ry. 49. Banking town Grafton.
B.Coal—J. H. Henry. (Local.)
B.Coal—Newburg-Orrel Coal & Coke Co., Baltimore, Md. Tyrconnell mine. Tunnel. Steam.

UNION MINES, Kanawha Co. P.O. Montgomery. Banking town and Ry. Charleston, 141; 150; 407.
B.Coal—Consolidated Mining Co.
B.Coal—Mount Morris Coal Co. Mount Morris mine. Tunnel.
B.Coal—Union Coal Co.

VALLEY FALLS, Marion Co. Pop. 36. Tel. Ry. 49. Banking town Grafton.
B.Coal—J. F. Williamson. (Local.)

VIVIAN, McDowell Co. M.O. Ry. 608. Banking town Bramwell.
B.Coal—Bottom Creek Coal & Coke Co. W. Spencer, gen. mgr.
B.Coal—Peerless Coal & Coke Co. Peerless colliery. Tunnel. 400 coke ovens. Steam.
B.Coal—Tidewater Coal & Coke Co. Jos. Johnston, gen. mgr.

VOLCANO, Wood Co. Pop. 192. M.O. Ry. 458b. Banking town Parkersburg.
B.Coal—Chas. Beane. (Local.)
B.Coal—M. E. Jonas. (Local.)

WELLS BRANCH, Wayne Co. P.O. Dunlow. Ry. 608.
C.Coal—Graham Macfarlane, 508 Columbia Bldg., Louisville, Ky. Arroshar mine.

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WELLSBURG, Brooke Co. Pop. 3,000. M.O. Tel. Ry. 686.
B.Coal—Forbes, Carmichael & Co. Wellsburg mine. Tunnel. Open pit. Horse.
Iron—Hall & Knight.
Iron—C. H. Meyers.
Iron—G. M. Park.

WEST VIRGINIA AND PITTSBURG JUNCTION, Harrison Co. P.O. Clarksburg. Ry. 548; 934.
B.Coal—Davis Coal & Coke Co. Thomas Franklin mine. Drift. 120,000 tons; 300 days; 210 employes.
Hampshire mine. Drift. 100,000 tons; 300 days; 160 employes. O. Tibbetts, mine supt.

WHEELING, Ohio Co. Pop. 35,000. M.O. Tel. Ry. 49; 626; 686; 935; 937.
B.Coal—Boggs Run Mining Co.
B.Coal—W. T. Burt & Co.
B.Coal—Frank H. Crone.
B.Coal—Geo. Crumbacker.
B.Coal—P. E. Daugherty.
B.Coal—Jos. Hasemener.
B.Coal—Jochum & Co. (Local.)
R.M.Fur.—Junction Iron & Steel Co. Mingo Junction, Ohio. Rolling mill and blast furnace.
B.Coal—T. E. Kasley.
B.Coal—Koehlinge Bros.
Roll.M.—La Belle Iron Works. Rolling mill.
Roll.M.—Riverside Iron Works. Rolling mill.
B.Coal—Robt. Teasdale.
B.Coal—Wheeling Coal & Coke Co.
Roll.M.—Wheeling Iron & Nail Co. Rolling mill.
B.Coal—Wheeling Mining & Manufacturing Co.
R.M.Fur.—Wheeling Steel & Iron Co. Rolling mill and blast furnace. Belmont Works. 25 single puddling and regenerative gas heating furnaces, 4 forge fires; 2 trains rolls and 152 nail machines. Bituminous coal. Nails, 350,000 kegs. Brand "Belmont."
Top mill. 8 single puddling, 6 gas heating, 2 soft heating and 2 annealing furnaces; 130 nail machines; 3 trains rolls.
R.M.Fur.—Whitaker Iron Co. Rolling mill and blast furnace.

WILLIAMSON, Mingo Co. M.O. Tel. Ry. 608.
B.Coal—F. Williamson. (Local.)

WILSONBURG, Harrison Co. Pop. 160. M.O. Tel. Ry. 49. Banking town Clarksburg.
B.Coal—Howard Coal & Coke Co.

WILSONIA, Grant Co. Ry. 933. Banking town Piedmont.
B.Coal—L. Levering. (Local.)

WINDOM, Mineral Co. Ry. 933. Banking town Piedmont.
B.Coal—Davis Coal & Coke Co. Thomas Windom mine. Drift. 100,000 tons; 300 days; 150 employes. O. Tibbetts, mine supt.
B.Coal—Piedmont Big View Coal Co.

WINONA, Fayette Co. Ry. Nuttallburg, 150. Banking town Charleston.
B.Coal—Ballinger Coal & Coke Co., Nuttallburg.
B.Coal—Boone Coal & Coke Co., Nuttallburg.
B.Coal—J. D. Campbell Estate.
B.Coal—W. H. Holland & Sons.
B.Coal—Masters Coal & Coke Co.
B.Coal—Smokeless Coal Co.

WOMELSDORFF, Randolph Co. Ry. 740a.
B.Coal—Womelsdorff Coal Co.

WYATT, Harrison Co. Ry. Mannington, 49. Banking town Clarksburg.
B.Coal—L. F. May. (Local.)

WISCONSIN

ABLEMAN, Sauk Co. Pop. 335. M.O. Tel. Ry. 160. Banking town Reedsburg.
Stone—F. Fosdick.
Stone—Wm. Yall.

ALBANY, Green Co. Pop. 700. M.O. Tel. Ry. 174.
Stone—Thos. Price.

ALMA, Buffalo Co. Pop. 1,500. M.O. Tel. Ry. 166.
G.S.C.—Columbia Mining Co. Geo. Ritzinger, pres.; L. P. Hunner, secy.-treas.; R. W. Hunner, gen. mgr. Cap. stk. $1,000,000. Gold, silver and copper. Mine at Bonner's Ferry, Idaho.
Stone—Harry Bros.

ALMA CENTER, Jackson Co. Pop. 205. M.O. Tel. Ry. 349.
Stone—Alman Craig. Craig's Bluff quarry. 100 cords; 200 days; 1 employe.

ALTAMONT, Bayfield Co. P.O. Mason. Ry. 267.
B.Coal—S. H. Northcut.

AMBERG, Marinette Co. M.O. Tel. Ry. 174. Banking town Marinette.
Gran.—Amberg Granite Co., 1041 Marquette Bldg., Chicago. Aberdeen-Athelstane quarry. Steam. Stone mill.

ANTIGO, Langlade Co. Pop. 4,480. M.O. Tel. Ry. 160.
C.E.—B. F. Dorr, City Engineer and Surveyor.

APPLETON, Outagamie Co. Pop. 12,000. M.O. Tel. Ry. 160; 174.
Stone—Medina Stone Co., 708 Appleton St. (C. P. Riggs and R. S. Baird, proprs.) Cap. $4,500. Limestone quarry at Medina. (Idle.)
Stone—C. F. Smith, 889 Lawrence St. Cap. $8,000. Grand Chute quarry. Limestone. 300 days; 20 employes. Steam. Stone crusher, 80 yds. daily capacity.
Stone—M. Weyenberg.

ARCADIA, Trempealeau Co. Pop. 670. M.O. Tel. Ry. 349.
Stone—F. Blessner.

ASHLAND, Ashland Co. Pop. 10,000. M.O. Tel. Ry. 160; 180; 617; 957.
Stone—Ashland Brown Stone Co., 1006 Chicago Stock Exchange Bldg., Chicago. Ashland quarry. Brownstone. 180,000 cu. ft.; 180 days; 35 employes. Steam. Operate 1 tug; 1 scow. A. E. Dickinson, quarry supt.
B.Fur.—Ashland Iron & Steel Co., Minneapolis, Minn. Blast furnace.
Stone—Excelsior Brownstone Co., 200 Knight Blk. F. Prentice, New York, pres. and treas.; S. S. Fifield, v. pres.; L. C. Tobias, secy., asst. treas. and buyer. Cap. stk. $1,500,000, pd. up. Sandstone. Quarry on Wilson Island, Lake Superior, 28 miles from Ashland.
Iron—Paint River Iron Co.
Stone—Prentice Brown Stone Co. F. Prentice, pres., treas., gen. mgr. and buyer; Edwin Ellis, v. pres.; L. C. Tobias, secy. Cap. stk. $1,250,000, pd. up. Quarries at Houghton.
Iron—Shores Mining Co.
Stone—Superior Brown Stone Co. Bass Island quarry. Brown sandstone. Mill. Steam.

BARABOO, Sauk Co. Pop. 7,000. M.O. Tel. Ry. 160.
Stone—Chas. Burke.
Stone—Levi Crouch.
Gran.—Hammill Fire Escape Co., 43, 162 La Salle St., Chicago. Devils Lake quarry. Granite. 20,000 yards crushed granite; 200 days; 15 employes. Steam. Stone crusher, 100 yards daily capacity. A. S. Frain, quarry supt.
Stone—S. Jennings.
Gran.—Wisconsin Granite Co. Wm. J. Dunn, pres. and buyer; E. P. Richardson, v. pres. and gen mgr.; Chas. D. Ray, secy. and treas. Cap. stk. $60,000, $40,000 pd. up. 30,000 yds.; 172 days; 16 employes. Steam. Stone crusher, 50 yds. daily capacity. E. P. Richardson, quarry supt.

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BAYFIELD, Bayfield Co. Pop. 1,400. M.O. Tel. Ry. 180.
Stone—Bayfield Brownstone Development Co., Drake Block, St. Paul, Minn. (Idle.)
Iron—Pike Mining Co. R. D. Pike, pres.; J. H. Quayle, secy. Mine at Wakefield.
Stone—R. D. Pike.

BEETOWN, Grant Co. Pop. 225. M.O. Tel. Banking town and Ry. Lancaster, 160.
Lead—J. L. Bishop.
Lead—F. Bowham & Co.
Stone—W. Calloway & Co.
Lead—J. Gerard & Co.
Lead—M. Hendricks & Co.
Lead—James Hughes & Co.
Lead—Wm. Hutchcroft.
Lead—L. McConnell & Co.
Lead—A. M. McDonald.
Lead—T. Morrison & Co.
Lead—J. Smith & Co.
Lead—L. Stenmer.
Lead—Warden Bros.
Lead—John Wise & Co.

BELL CENTER, Crawford Co. Pop. 106. Ry. 428. Banking town Prairie du Chien.
Gold—O. P. Rounds & Co.

BELOIT, Rock Co. Pop. 6,500. M.O. Tel. Ry. 160; 174.
Stone—Wm. Samp, Euclid ave. Limestone. 600 cords.
Chem.—Erastus G. Smith. Analytical Chemist.

BENTON, La Fayette Co. Pop. 416. M.O. Tel. Ry. 160. Banking town Shullsburg.
L.Z.—Benton Lead & Zinc Mining Co. P. A. Orton, pres.; D. Schreiter, v. pres.; J. Buchan, secy., treas. and buyer; J. McLaughlin, gen. mgr. Cap. stk. $48,000, pd. up. Benide mine. Shafts, 28 to 130 ft. 2,000 tons; 300 days; 25 employes. Steam. J. McLaughlin, mine supt.
Lead—Calvert Bros. Well Strikes mine. Shaft. Horse.
L.Z.—Coltman Mining Co. Coltman mine. Lead and zinc. Tunnel.
Lead—Eureka Mining Co. Eureka mine. Tunnel.

BERLIN, Green Lake Co. Pop. 4,190. M.O. Tel. Ry. 174.
Gran.—Berlin Granite Co. (Wm. Bannerman, propr.) Sand Prairie quarry. Granite. Paving blocks, building and monumental stock. Pink granite. 80,000 squares paving blocks. 10 employes. Horse.
Stone—Archibald McCullom. McCullom's quarry. Blue granite.

BLACK RIVER FALLS, Jackson Co. Pop. 2,300. M.O. Tel. Ry. 180.
Stone—J. Popham. Popham's quarry. Building stone. Open pit.

CADOTT, Chippewa Co. Pop. 890. M.O. Tel. Ry. 957. Banking town Chippewa Falls.
Iron—Ontario Mining Co.

CEDARBURG, Ozaukee Co. Pop. 14,000. M.O. Tel. Ry. 174.
Stone—Anschuetz & Co.

CHIPPEWA FALLS, Chippewa Co. Pop. 8,900. M.O. Tel. Ry. 174; 180; 957.
C.E.—David Kirk, Civil Engineer.
Stone—P. Malarkey.
Stone—Phillip Plum.
C.E.—W. F. Siddell, Civil Engineer and Surveyor.

CLINTONVILLE, Waupaca Co. Pop. 1,500. M.O. Tel. Ry. 160.
Iron—M. L. Munsert.

COMMONWEALTH, Florence Co. Pop 99. M.O. Tel. Ry. 160. Banking town Florence.
Iron—Commonwealth Iron Co., 21 and 22 Wade Bldg., Cleveland, Ohio. 225,000 tons; 300 days; 250 employes. Steam. O. C. Davidson, mine supt.

CRANDON, Forest Co. M.O. Ry. North Crandon, 533. Banking town Antigo.
Sur.—F. W. Andrews, Surveyor and Land Examiner.

CUMBERLAND, Barron Co. Pop. 1,500. M.O. Tel. Ry. 180.
G.S.—Eastern Alaska Mining Co.
S.C.—W. Kellogg. Cap. $1,000. Cumberland mine. Silver and copper. Shaft, 73 ft. (Developing.)

DARLINGTON, Lafayette Co. Pop. 1,600. M.O. Tel. Ry. 174.
Iron—Champion Mining Co.

DODGEVILLE, Iowa Co. Pop. 1,800. M.O. Tel. Ry. 160; 381.
Lead—Bailey & Co.
L.Z.—Evans Bros. Kangaroo mine. Lead and zinc. Shaft. Horse.
Lead—Hugh Owens.
Lead—Parry Mining Co.
Stone—Chas. Paull. Limestone.
Lead—J. P. Smelker.
L.Z.—Joseph Sobey & Co. Dodgeville mine. Lead and zinc. Shafts. Horse.
Stone—James Wall. Limestone.
Lead—Whitford & Kelly. Calumet & Hecla mines. Shafts. Steam.
Lead—D. O. Williams.
Lead—E. W. Williams.
Lead—Henry Williams.
B.Coal—Jesse Williams. (Local.)
Lead—T. T. Williams.

DRYBONE, Iowa Co. Pop. 69. Banking town and Ry. Montford, 160.
L.Z.—Guthrie, Johnson & Freeman. Lead and zinc.
L.Z.—A. Haselhof & Co. Lead and zinc. Shaft, 65 ft. 50 tons; 50 days; 2 employes.
L.Z.—Kroll, Fecht & Co. Frank Kroll, gen. mgr. and buyer. Lead and zinc. Shaft, 90 ft. 700 tons; 275 days; 4 employes.
L.Z.—Kroll & Guthrie. Lead and zinc. Shaft, 40 ft. 100 tons; 150 days; 3 employes.

DUCK CREEK, Brown Co. Ry. 160; 349. Banking town Green Bay.
Stone—T. R. Bentley. Duck Creek quarry. Limestone. Steam.
Stone—Gillen Stone Co., Racine. Limestone. 500 cords; 100 days; 25 employes. Steam.
Stone—L. L. Rioux. Limestone.

DUNNVILLE, Dunn Co. Ry. 174. Banking town Durand.
Stone—W. H. Almer, 118 Douglas St., St. Paul, Minn. Dunnville quarry. Sandstone. 7,000 cords; 170 days; 8 employes.
Stone—Grant & Colleyham.
Stone—Henry Laycock.
Stone—Webster & Lester.

DURAND, Pepin Co. Pop. 1,200. M.O. Tel. Ry. 174.
Stone—P. E. Hardy.
Stone—John Poeschell.

EAU CLAIRE, Eauclaire Co. Pop. 18,000. M.O. Tel. Ry. 174; 180; 957.
C.E.—C. A. Alderman, Civil and Municipal Engineer.
G.S.—J. D. Moran Mfg. & Cons. Co., 817 W. 7th St., St. Paul, Minn. Molly Redvinger mine. Shaft, 30 ft. Gold and silver. Began development operations Nov., 1895.
Iron—James Patrick.

EDGERTON, Rock Co. Pop. 19,000. M.O. Tel. Ry. 174.
Stone—Geo. W. Coxhead. Lime and sandstone. (Local.)
Stone—John Horton. Limestone.

ETNA, Lafayette Co. Ry. Benton, 160. Banking town Shullsburg.
Stone—Joseph Coulthard.
Stone—P. H. Emerson.
L.Z.—Robt. E. Lee Mining Co. Lead and zinc.

EVANSVILLE, Rock Co. Pop. 1,800. M.O. Tel. Ry. 160.
Stone—Levi Spencer. Limestone.
Stone—William Taggart. Limestone.

FLORENCE, Florence Co. Pop. 445. M.O. Tel. Ry. 160.
Iron—Florence River Iron Co. Florence mine. Red hematite. Shaft. Steam.

FOND DU LAC, Fond du Lac Co. M.O. Tel. Ry. 160; 174; 957.
Stone—Duluth Brown Stone Co., 8 Exchange Bldg., Duluth, Minn. Brown sandstone. 200 days; 40 employes.
Stone—St. Louis River Blue Stone Co. Bluestone.

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FORT HOWARD, Brown Co. Pop. 4,860. M.O. Tel. Ry. 160; 174; 349. Banking town Green Bay.
Stone—Wm. Finnegan Brick Manufacturing Co. Blue limestone. Steam.

FOUNTAIN CITY, Buffalo Co. Pop. 980. M.O. Tel. Ry. 166.
Stone—J. B. Oenning.
St.Lm.—Richtman & Kerchner. Cap. $6,000. Limestone. Lime kilns. Steam. (Idle.)

FOXLAKE, Dodge Co. Pop. 819. M.O. Tel. Ry. 174.
Stone—A. Fanshaw. Cap. $1,000. Limestone. 4 cords per day; 200 days; 4 employes.
Stone—W. Smith. Limestone.

GENESEE, Waukesha Co. Pop. 219. M.O. Ry. 174. Banking town Waukesha.
Stone—Wisconsin Quarry Co.

GLENWOOD, Saint Croix Co. M.O. Tel. Ry. 957.
Stone—Adolph Buckle.

GRANITE HEIGHTS, Marathon Co. Ry. 174.
Gran.—Cohn & Robertson. Granite.

GRATIOT, Lafayette Co. Pop. 170. M.O. Tel. Ry. 174. Banking town Darlington.
Stone—Jas. Sinclair.

GREENBAY, Brown Co. Pop. 9,070. M.O. Tel. Ry. 160; 174; 349.
Stone—P. Degrandgagnage. Whitney Bluff quarry. Limestone. Mill. Kiln. Steam.
Stone—F. A. Hagen. Limestone. Quarry at Sturgeon Bay.

HAMILTON, Fond du Lac Co. Tel. Ry. 957. Banking town Berlin.
Stone—Hamilton Lime & Stone Co. Limestone.
Stone—Seth Sylvester. Limestone.

HIGHLAND, Iowa Co. Pop. 760. M.O. Banking town and Ry. Montfort, 160.
Lead—R. Kennedy.
L.Z.—Lewis Lynch & Co. Lead and zinc.
Lead—McGuire Bros.

HORTONVILLE, Outagamie Co. Pop. 460. M.O. Tel. Ry. 160.
Stone—David Hodgins. Limestone. Kiln.

HOUGHTON, Bayfield Co. Ry. 180. Banking town Washburn.
Stone—Babcock & Smith. Brownstone. Quarry at Washburn.
Stone—Hartley Bros., Minneapolis, Minn. Sandstone. Steam. Mill.
Stone—Prentice Brown Stone Co., Ashland. Brown stone. 750,000 ft.; 180 employes. Fred Goddard, quarry supt.

HUDSON, Saint Croix Co. Pop. 2,290. M.O. Tel. Ry. 180.
Iron—Orinoco Mining Co.

HURLEY, Iron Co. Pop. 2,760. M.O. Tel. Ry. 160; 957.
M.E.—George Howard Abeel, Mining Engineer. Specialty: Iron mines and blast furnaces.
Iron—Atlantic Mining Co.
Iron—Germania Iron Mining Co. Germania mine. Shafts. Brown hematite ore. Steam and compressed air.
Iron—Gogebic Developing Co. Shaft. Red hematite ore. Steam.
Iron—Montreal Mining Co. J. H. Wade, pres.; E. W. Oglebay, v. pres.; C. W. Merrell, secy.; G. A. Garretson, treas.; Geo. H. Abeel, M. E., gen. mgr. and buyer. Cap. stk. $500,000, $300,000 pd. up. Montreal mine. Shaft, 815 ft. Hematite ore. 150,000 tons; 300 days; 200 employes. Steam. Geo. H. Abeel, mine supt.
Iron—Pence & Snyder Developing Co.
Iron—Windsor Mining Co., Milwaukee.

INDEPENDENCE, Trempealeau Co. Pop. 390. M.O. Tel. Ry. 349. Banking town Whitehall.
Stone—Jesse Kidder.
Stone—A. T. Wickham. South Side quarry. Sandstone and clay.

IOLA, Waupaca Co. Pop. 278. M.O. Tel. Ry. 349.
Gran.—J. H. Leuthold. Granite. Wyoming quarry. Steam. (Idle.)
Stone—C. K. Miltemore.
Stone—E. Roesling.

IRONBELT, Iron Co. M.O. Tel. Ry. 957. Banking town Hurley.
Iron—Iron Belt Mining Co., Cleveland, Ohio. Iron Belt mine. Bessemer hematite ore. 150,000 tons; 300 days; 200 employes. Steam. D. McVichie, mine supt.
Iron—Ryan Mining Co.

IRON MOUNTAIN, Dodge Co. Pop. 4,100. Ry. 174. Banking town Mayville.
Iron—Northwestern Iron Co., New Insurance Bldg., Milwaukee. Iron Ridge mine. Open pit.
B.Fur.—Red hematite. 25,000 tons. Blast furnace, 100 tons daily capacity.

IRON RIDGE, Dodge Co. Pop. 190. M.O. Tel. Ry. 174. Banking town Mayville.
Iron—John Hayne.

IRONTON, Sauk Co. Pop. 260. Ry. Lavalle, 160. Banking town Reedsburg.
Stone—J. Horine.
Iron—Iron Mountain Ore & Furnace Co. Sauk mine. Red hematite ore.
B.Fur.—Sauk Furnace. One stack, 30x8½. 8,150 tons capacity.

JAMESTOWN, Grant Co. Pop. 150. Ry. East Dubuque, Ill., 166.
Lead—L. P. Ansden.
Lead—A. J. Brando.
Lead—May & Brant. Shafts. Horse. Furnace.
Lead—J. Williams.

JUNEAU, Dodge Co. Pop. 702. M.O. Tel. Ry. 160.
Stone—J. D. Finney. Limestone. Mill.

KAUKAUNA, Outagamie Co. Pop. 4,667. M.O. Tel. Ry. 160.
Stone—Hamilton & Phelps. Limestone.
Stone—Kaukauna Stone Quarry Co. Limestone. Steam.
Stone—L. Lendauer.

KEWAUNEE, Kewaunee Co. Pop. 1,218. M.O. Tel. Ry. 349.
Stone—Mark English.

KILBOURN, Columbia Co. Pop. 1,000. M.O. Tel. Ry. 174.
Stone—Andrew Mess, Oak St. Sandstone. 250 cords. 200 days; 3 employes.

L'ANSE, Baraga Co. Pop. 980. M.O. Tel. Ry. 267. Banking town Houghton.
Stone—L'Anse Brown Stone Co., 1046 Marquette Bldg., Chicago. Sandstone. Steam.

LA CROSSE, Lacrosse Co. Pop. 26,000. M.O. Tel. Ry. 160; 166; 349.
Stone—Saddle Mound Sandstone Co. Levi Wither, pres.; C. A. Goodyear, v. pres.; G. R. Vincent, secy.; T. G. Tiffany, treas. Sandstone. Quarry at Pray. (Idle.)
Stone—R. F. Weston.

LAKE MILLS, Jefferson Co. Pop. 1,054. M.O. Tel. Ry. 160.
Stone—Wm. Crump.

LA VALLE, Sauk Co. Pop. 339. M.O. Tel. Ry. 160. Banking town Meadsburg.
Stone—Edward Briggs.

LANCASTER, Grant Co. Pop. 1,600. M.O. Tel. Ry. 160.
Stone—Wm. Block.
Stone—John Ellis.
Lead—Harvey Nathan.

LANNON, Waukesha Co. Tel. Ry. 349. Banking town Waukesha.
Stone—Davis Bros.
Stone—Flanagan & Kiefer.
Stone—H. Harmon & Sons.
Stone—Lannon & Williams.
Stone—James Walsh.

LEADMINE, Lafayette Co. Ry. Benton, 160. Banking town Shullsburg.
L.Z.—Leadmine Mining Co. Lead and zinc.
Lead—W. Ross & Co., Mineral Point. Linden mine. Shafts.

LINDEN, Iowa Co. Pop. 465. M.O. Tel. Ry. Mineral, 174.
L.Z.—Anaconda Mining Co. S. Tregloan, v. pres. and buyer; James Wicks, treas.; T. Heathcock, gen. mgr. Cap. stk. $1,000, pd. up. Anaconda mine. Lead and zinc. Shaft, 93 ft. 1,200 tons; 300 days; 14 employes. Horse.
Lead—Fisher & Wicks.
Lead—Samuel Hartz.
Lead—William James.
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LINDEN—Continued.
Lead—A. Jewell & Co.
Lead—T. Kislebury & Co.
Lead—Samuel Launder & Co.
Lead—Linden Mine Co. Linden mine. Lead and zinc. Steam.
L.Z.—Pollard, Goldschwartz & Co. Lead and zinc.
Lead—Rule & Goldsworthy.
Lead—W. Stevens & Co.
L.Z.—Geo. B. Treglawn & Co. Lead and zinc.

LIVINGSTON, Grant Co. Pop. 200. M.O. Tel. Ry. 160. Banking town Montford.
L.Z.—Livingston & Mifflin. Coker mine. Lead and zinc. Shaft. Steam.

MADISON, Dane Co. Pop. 14,520. M.O. Tel. Ry. 160; 174; 381.
Stone—Andrew Canare.
Stone—Frank Larkin.
Iron—Mammoth Mining Co.
Stone—E. E. Pannack.
Stone—D. Stephens. Limestone and sandstone. Steam. Mill.

MARBLEHEAD, Fond du Lac Co. Ry. Eden, 160. Banking town Fond du Lac.
Stone—C. Geiger. Limestone.
Stone—Nast Bros. Cap. $20,000. Limestone. 300 days; 35 employes. Steam. Stone mill, 1,000 ft. daily capacity.

MAYVILLE, Dodge Co. Pop. 1,170. M.O. Tel. Ry. 174.
Lime—Mayville White Lime Works. Chas. Ruedebusch, pres.; Emil F. Ruedebusch, secy. and treas.; H. H. Ruedebusch, gen. mgr. and buyer. Cap. stk. $34,000, pd. up. 100,000 bu.; 260 days; 26 employes. Steam. Operate ½ mile ry.; 1 locomotive; 2 cars.

MAZO MANIE, Dane Co. M.O. Tel. Ry. 174.
Stone—John Zeller.

MEDINA, Outagamie Co. Pop. 219. M.O. Tel. Ry. 160; 957. Banking town Appleton.
Stone—Medina Stone Co., 708 Appleton St., Appleton. Medina quarry. Limestone. (Idle.)

MEEKERS GROVE, Lafayette Co. Pop. 65. Ry. Benton, 160. Banking town Shullsburg.
Lead—William Baisleck.
Lead—Donnely & Hines.
Lead—J. Kains & Co.
Lead—T. Walton.

MENASHA, Winnebago Co. Pop. 4,600. M.O. Tel. Ry. 160; 174; 957.
Stone—J. Jengenson. Limestone.

MENOMINEE FALLS, Waukesha Co. Pop. 422. M.O. Tel. Ry. 528. Banking town Milwaukee.
Stone—Menominee Falls Quarry Co., Milwaukee. Menominee Falls quarry. Limestone. Mill. Steam.

MERRILLAN, Jackson Co. M.O. Tel. Ry. 349.
Stone—T. Fultz.

MIFFLIN, Iowa Co. Pop. 260. Banking town and Ry. Rewey, 160.
Lead—D. Aneer.
Lead—W. Grundy.
Lead—J. Hird.
Lead—H. Jinkins.
Lead—T. Liddell.
Stone—P. Noolan.
Iron—Odanah Iron Co., Milwaukee.
Iron—J. G. Ogden.
Iron—Parfield Bros.
Lead—J. Slack.
Zinc—Union Mining Co., Mineral Point. Shaft.
Iron—Vickuman & Young.
Lead—C. Wonag.
Lead—R. Young.

MILWAUKEE, Milwaukee Co. Pop. 206,470. M.O. Tel. Ry. 160; 174; 529; 957.
Marb.—American Verde Antique Marble Co., 95 Wisconsin St.
G.S.—Animas River Mining Co., 4 Metropolitan Blk. Gold and silver.
Iron—Anoid Mining Co.
Iron—Aragon Mining Co., 71 New Insurance Bldg.
Iron—Armenia Mining Co.
Iron—Ashland Iron Mining Co., 34 Colby & Abbott Bldg.
Iron—Aurora Iron Mining Co., 34 Colby & Abbott Bldg.
Silv.—Badger Silver Mining Co., Cor. E. Water & Mason Sts.
Iron—Birch Lake Iron Mining Co.
Iron—Brotherton Iron Mining Co., 388 E. Water St.

MILWAUKEE—Continued.
Iron—Buffalo Mining Co., New Insurance Bldg. Mine at Wakefield, Mich.
Iron—Claire Mining Co.
Iron—Clingstone Iron Mg. Co., 204 Grand Ave. M. J. Luther, pres.; Edw. Niedecker, v. pres.; G. A. West, secy. and treas. Mine at Vermillion Range, Minn.
G.S.—Conquest Mining Co., Wisconsin and East Water Sts. C. B. Manville, pres.; J. G. Flint, v. pres.; T. E. Camp, secy. and treas.; H. E. Manville, gen. mgr. and buyer. Cap. stk. $15,000, pd. up. Gold and silver. Mine at Yoquivo, Mexico.
Stone—Cook & Hyde Stone Co.
Gold—Denbigh Gold Mining Co., 260 S. Water St.
Iron—Dunn Iron Mining Co., 22 University Bldg.
Gold—Eschweiler Mining Properties. W. F. Goodhue, C. E., gen. mgr., Room 45, Loan and Trust Bldg. Lands at Rat Portage, Ontario.
Iron—Gogebic Extracting, Mining and Manufacturing Co., 29 Merrill Bldg. Geo. M. Wakefield, pres.; V. T. Wakefield, secy.-treas. Cap. stk. $500,000, pd. up. Iron lands in Gogebic Co., Michigan.
Gold—Hardin Baker Gold Mining Co.
Silv.—Hidalgo Smelting Co., 408 Milwaukee st. John E. Burton, pres. and treas.; Wm. H. Cook, v. pres.; Stoddard H. Martin, secy.; Geo. Cawthorne, gen. mgr. and buyer. Cap. stk. $5,000,000, pd. up. Cap. inv. $142,000. Smelters at Sultepec, Estado de Mexico, Mexico.
Onyx—Imperial Onyx Co.
Iron—Inter Ocean Iron Mining Co., 47 Loan and Trust Bldg. M. J. Luther, pres.; Chas. Ray, v. pres.; G. A. West, secy. and treas.; M. A. Delano, gen. mgr. Cap. stk. $1,000,000, pd. up. Mine at Vermillion Range, Minn.
Lead—Livingston Iron Mining Co.
Marb.—Lohr & Weifenbach. Marble.
rG.S.—Loretta Gold & Silver Mining Co., 462 Broadway.
Iron—Marquette Iron Syndicate, 605 Pabst Blk.
Stone—Menominee Falls Quarry Co. Limestone. Quarry at Menominee Falls.
Iron—Metropolitan Iron & Land Co., 148 New Insurance Bldg. S. S. Curry, pres. and gen. mgr.; H. S. Haselton, secy.; L. J. Petit, treas.; F. G. Barrows, buyer. Mines at Ironwood, Mich.
G.S.—Milwaukee Mining Co., 660 Marshall St. Gold and silver.
G.S.—Milwaukee-Pacific Exploration & Mining Co., 107 Wisconsin St. Gold and silver.
G.S.—Milwaukee & Hillsborough Mining Co., 321-325 4th St. L. Maschauer, pres.; D. Thormeier, secy. and treas.; McDonald, M. E., gen. mgr. and buyer. Gold and silver. Mine at Hillsboro, N. Mex.
I.Fur.—Minerva Iron Co. Iron mine and blast furnace.
Iron—Minnesota & Northwestern Iron Co., 47 Loan & Trust Bldg.
Stone—Monarch Stone Quarry Co. Dimension and rubble stone. Quarry at Wauwatosa.
S.L.—Morning Mining & Milling Co. Silver and lead.
G.S.—National Mexican Mining & Developing Co.
Iron—Northwestern Iron Co., New Insurance Bldg. Irving M. Bean, pres. and gen. mgr.; Jas. C. Spencer, v. pres.; W. K. Packman, secy. and buyer; Chas. F. Ilsley, treas. Cap. stk. $500,000, $494,900 pd. up. Works at Iron Mountain, Mich.
Iron—North Western Iron Co., 47 Loan and Trust Bldg. M. J. Luther, pres.; M. A. Delano, v. pres. and gen. mgr.; Geo. A. West, secy. and treas. Cap. stk. $1,000,000, pd. up. Mine at Ely, Minn.
Gold—Oregon Gulch Placer Co., 27 University Bldg. C. T. Kennan, secy. and treas. Cap. stk. $50,000, pd. up. Mine at Iron Mountain, Montana.
Iron—Pewabic Co., 116 New Insurance Bldg. Geo. D. Van Dyke, pres.; J. H. Van Dyke, v. pres.; W. D. Van Dyke, secy. and treas.; Nelson P. Hulst, gen. mgr. Mine at Iron Mountain, Mich.
Chem.—George N, Prentiss, Analytical Chemist, 226 Grand Ave.
Iron—Prince of Wales Mining Co.
Iron—Queen Mining Co.
S.C.—Ramos Mining Co. C. A. Read, pres.; F. S. Kirkland, v. pres.; J. C. Iversen, secy.; D. E. Murphy, treas.; H. Parry, gen. mgr. Cap. stk. $300,000, $130,000 pd. up. Silver and copper. Mine at Ramos, San Luis Potosi, Mex.
Chem.—Harry E. Smith, Chemist, with Chicago, Minneapolis & St. Paul Ry., 133 26th St.
Gold—Snowden Tunnel & Mining Co., 408 Milwaukee St.
L.Z.—South Buffalo Mining Co. Lead and zinc.
C.E.—Gustav Steinhagen, Civil Engineer and Surveyor, Wauwatosa.
Stone—Story Bros. Quarry at Wauwatosa.
Iron—Sunday Lake & Gogebic Co.
Iron—Tobin Exploring, Mining & Manufacturing Co., 29 Merrill Bldg. Geo. M. Wakefield, pres.; Vernon T. Wakefield, secy. and treas. Mining lands in Iron County, Mich.
G.S.—Treasure Vault Gold & Silver Mining Co., 408 Milwaukee St.
Gold—Union Investment Co. of Milwaukee, 102 Wisconsin St. Geo. H. Noyes, pres.; H. A. J. Upham, secy. Cap. stk. $100,000. Mine at Sanger, Oregon.

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MILWAUKEE—Continued.
Iron—Valencia Mining Co.
Iron—Vermillion Iron Mining Co., 47 Loan and Trust Bldg. M. J. Luther, pres.; M. A. Delano, v. pres.; G. A. West, secy. and treas. Cap. stk. $2,000,000, pd. up. Mine at Tower, Minn.
Silv.—Waterloo Silver Mining and Milling Co., 102 Wisconsin St. Geo. H. Noyes, pres.; H. A. J. Upham, secy. and treas. Cap. stk. $150,000, pd up. Mines at Calico, Cal.
L.Z.—Byron N. White, 71 New Insurance Bldg. Lead and zinc.
L.Z.—Wisconsin & Arizona Mining Co., 82 Michigan St. Lead and zinc.
Iron—York Iron Co.

MINERALPOINT, Iowa Co. Pop. 3,000. M.O. Tel. Ry. 174.
Lead—Arthur & Rink.
L.Z.—Wm. & Jas. A. Hoare. Hoare mine. Lead and zinc. Shaft. Horse.
Lead—L. L. Jackson & Bros.
Zinc—Jones & Snow. Shafts. Horse.
Zinc—Mineral Point Zinc Co.
Lead—Wm. Perry.
Lead—W. Ross & Co. Mine at Linden.
Zinc—Spensley, Jones & McIchon. Bonanza mine. Shaft. Horse.
L.Z.—Tyack & Oates. Lead and zinc. Shaft.
Lead—Union Mining Co. Mine at Mifflin.

MONTELLO, Marquette Co. Pop. 780. M.O. Tel. Ry. 957.
Gran.—Berlin & Montello Granite Co., Chicago. Montello quarry. Granite. Mill. Water.
Stone—W. A. Stebbins.

MONTFORT, Grant Co. Pop. 500. M.O. Tel. Ry. 160.
Lead—John De Laney.

NEILLSVILLE, Clark Co. Pop. 2,000. M.O. Tel. Ry. 180.
Stone—D. B. Manes.

NEW DIGGINGS, Lafayette Co. Pop. 130. Ry. Benton, 160. Banking town Shullsburg.
L.Z.—T. Choulthwa & Co. Lead and zinc.
Zinc—Clegg, Newman & Co.
Zinc—Empress Mining Co. Empress mine. Shaft. Tunnel.
L.Z.—Ida Mining Co. Ida mine. Lead and zinc. Shaft. Steam.
Lead—Leary & Co.
L.Z.—Newman, Peacock & Co. Lead and zinc.
L.Z.—Occidental Mining Co. C. T. Craig, secy. and buyer; Jos. Blackstone, treas. Cap. $5,000. Occidental mine. Lead and zinc. Tunnel, 1,000 ft. 200 tons; 290 days; 4 employes. (Developing.)
Lead—Raisbeck & Co.
Lead—W. Redbrane & Co.
L.Z.—Zinc Carbonate Co., Shullsburg. Lead and zinc. Tunnel. Steam.
L.Z.—Sallie Waters Mining Co. Sallie Waters mine. Lead and zinc. Shaft. Steam.

NEW LISBON, Juneau Co. Pop. 1,000. M.O. Tel. Ry. 174.
C.E.—Edward Sargent, Civil and Consulting Engineer.

NEW LONDON, Waupaca Co. Pop. 2,060. M.O. Tel. Ry. 160; 349.
Gold—Champion Gold Mining and Milling Co., Dorr and Beacon Sts. Jefferson D. Day, pres., gen. mgr. and buyer; Ira Millerd, v. pres.; Arthur W. Millerd, secy.; S. E. Wright, treas. Cap. stk. $25,000, pd. up. Mine at Bohemia, Oregon.
Sur.—Arthur W. Millerd, Surveyor.

NEW RICHMOND, St. Croix Co. Pop. 1,500. M.O. Tel. Ry. 180; 957.
Stone—Wm. McDonald. Sandstone.
Stone—Levi Oakes. Limestone, soapstone and sandstone.
Stone—Russell Bros. Sandstone.

OCONOMOWOC, Waukesha Co. Pop. 2,800. M.O. Tel. Ry. 174.
L.Z.—Wilmington Star Mining Co. Lead and zinc.

OCONTO, Oconto Co. Pop. 5,300. M.O. Tel. Ry. 160; 174.
C.E.—Edwin R. Parks, Civil Engineer.

OMRO, Winnebago Co. Pop. 2,000. M.O. Tel. Ry. 174.
Stone—S. T. Barnard.

ONALASKA, Lacrosse Co. Pop. 16,000. M.O. Tel. Ry. 160; 166; 349. Banking town La Crosse.
Stone—Geo. Pierce.

ORIENTA, Bayfield Co. Ry. 452. Banking town Iron River.
Stone—Iron River Red Sandstone Co., 541 Lake Ave., Duluth, Minn. Iron River quarry. Sandstone. 50,000 ft. 200 days; 20 employes. Steam. Operate 1½ miles ry.; 2 cars.

OSHKOSH, Winnebago Co. Pop. 25,890. M.O. Tel. Ry. 160; 174; 957.
Stone—Frank Last. Limestone.
Stone—Lutz Bros. Limestone.
Iron—Northern Chief Iron Co.
Stone—Oshkosh Quarry Co. Blue limestone. Steam.
Stone—William Reick. Limestone.
Iron—San Domingo & Hay Tunnel Mining Co.
L.Z.—San Francisco De Bonea Mining Co. Lead and zinc.
Lead—San Mateo Mining Co.

PEPIN, Pepin Co. Pop. 370. M.O. Tel. Ry. 166. Banking town Durand.
Stone—Milton Fleming.
Stone—John Parkinson.

PLATTEVILLE, Grant Co. Pop. 3,000. M.O. Tel. Ry. 160; 174.
Lead—W. P. Bailey.
Lead—Dugdale & Bass.
Lead—Graham & Holzer. Graham's mine. Shaft.
Stone—Helker Bros. Limestone.
Zinc—Hillary & Ricter.
Lead—Murphy & Stephens. Shaft.
Stone—William Place. Limestone.
Stone—Place & Gerdts. Bride quarry. Limestone.
Lead—Schweder Bros. & Wolf. Shaft.
L.Z.—Stephens & Stephens. Lead and zinc. Shaft. Tunnel.

PRAY, Jackson Co. Tel. Ry. 349.
Stone—Saddle Mound Sandstone Co., La Crosse. Sandstone. (Idle.)

PRESQUE ISLE, Ashland Co. Ry. 452.
Stone—Ashland Brown Stone Co., 1006 Stock Exchange Bldg., Chicago. Sandstone. 150,000 ft.; 144 days; 35 employes. A. M. Brown, quarry supt. Address all communications to Chicago.

RACINE, Racine Co. Pop. 21,014. M.O. Tel. Ry. 160; 174.
Attys.—Cooper & Nelson, Attorneys. Special and prompt attention given to Corporation, Mining and general Commercial litigation in all State and Federal Courts. References: Any bank or reputable business house in Racine. Compilers Laws of Wisconsin for the RECORD.
Stone—Gillen Stone Co. E. Gillen, pres., gen. mgr. and buyer; C. R. Bartlett, v. pres.; E. C. Deane, secy. and treas. Cap. stk. 50,000. Limestone. Quarry at Duck Creek.
Stone—Horlick Lime & Stone Co. Lime and Building stone.
C.E.—Sayes G. Knight, Civil Engineer, 518 16th St. County Surveyor of Racine Co.

RICHLAND CENTER, Richland Co. Pop. 19,000. Ry. 174.
Stone—J. B. Jones.
Stone—John Winn.

RIVER FALLS, Pierce Co. Pop. 1,800. M.O. Tel. Ry. 180.
Stone—Thos. Walker.

SAUK CITY, Sauk Co. Pop. 880. M.O. Tel. Ry. 174.
Stone—Pings Bros.

SEVASTOPOL, Door Co. Pop. 113. Ry. 853a. Banking town Sturgeon Bay.
Stone—Laurie Stone Co. J. L. Drumb, pres.; C. A. Laurie, secy.; L. D. Laurie, treas.; A. M. Laurie, gen. mgr. Limestone. Operate tug and scows.

SHEBOYGAN, Sheboygan Co. Pop. 17,200. M.O. Tel. Ry. 160.
Stone—Sheboygan Lime Works. Limestone. Steam.

SHEBOYGAN FALLS, Sheboygan Co. Pop. 12,000. M.O. Tel. Ry. 160.
Stone—Kohlhogen Bros.

SHERWOOD, Calumet Co. M.O. Tel. Ry. 174. Banking town Chilton.
Stone—S. Kasper.

SHULLSBURG, Lafayette Co. Pop. 14,000. M.O. Tel. Ry. 174.
B.Fur.—Blake Furnace Co. Blast furnace.
M.E.—W. P. Blake, Mining Engineer.
L.Z.—Lucky Hit Mining Co. Lucky Hit mine. Lead and zinc. Steam.

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SHULLSBURG—Continued.
L.Z.—Pick & Gad Mining Co. Lead and zinc.
L.Z.—Wisconsin Lead & Zinc Co. W. G. Ratch, Boston, Mass., pres.; Frederick Swift, 41 Cedar St., New York, secy. and treas.; Wm. P. Blake, M. E., gen. mgr. and buyer. Furnace, 1 stack. (Idle.)
Lead—Zinc Carbonate Co. Mine at New Diggings.

SOUTH GERMANTOWN, Washington Co. Pop. 180. Tel. Ry. name Germantown, 174. Banking town Westbend.
Stone—Wisconsin Lime & Stone Co. Limestone.

SPARTA, Monroe Co. Pop. 2,790. M.O. Tel. Ry. 160; 174.
Stone—Simon Bunce. Freestone.
Stone—John Crowley.
Stone—Peter Herring.
Iron—Sparta Iron Mining Co.

SPRINGGREEN, Sauk Co. Pop. 670. M.O. Tel. Ry. 174.
Stone—P. Beaver & Son.

SPRING VALLEY, Pierce Co. Pop. 65. M.O. Tel. Ry. 534.
R.M.Fur.—Eagle Iron Co. Rolling mill and blast furnace.
Stone—Peake Bros.
I.L.—Wisconsin Iron & Lead Co.

STAR PRAIRIE, St. Croix Co. Pop. 270. M.O. Ry. New Richmond, 160.
C.E.—John McClure, Civil Engineer and Surveyor.

STEVENS POINT, Portage Co. Pop. 8,000. M.O. Tel. Ry. 349; 957.
Stone—P. O'Connor, 175 Central Ave. Stevens Point quarry. Sandstone. 2,000 cords; 5 employes.
Gold—Security Gold Mining Co.

STURGEON BAY, Door Co. Pop. 3,000. M.O. Tel. Ry. 853a.
Stone—F. A. Hagen, Green Bay. Sturgeon Bay stone quarry. Limestone. 5,000 cords; 200 days; 20 employes. Steam. Louis P. Nebel, quarry supt.
Stone—John M. Laurie. Limestone. Horse.

TREMPEALEAU, Trempealeau Co. M.O. Tel. Ry. 160; 166; 349.
Stone—John Johnson. Limestone.
Stone—B. McGrant. Limestone.

VELP, Brown Co. Ry. Greenbay, 160; 174.
Stone—Manuel Brunett.

VIROQUA, Vernon Co. Pop. 1,300. M.O. Tel. Ry. 174.
Stone—Fred Eckhart.

WASHBURN, Bayfield Co. Pop. 3,040. M.O. Tel. Ry. 180.
Stone—Babcock & Smith, Houghton. Brownstone. 500 car loads. Steam.

WAUKESHA, Waukesha Co. Pop. 6,000. M.O. Tel. Ry. 160; 174.
Stone—Hadfield & Co. Limestone.
Stone—Waukesha Stone Co. O. Knie, pres., gen. mgr. and buyer; Dan. Mayer, secy.; Fred Kraus, treas. Cap. stk. $100,000. Limestone. Steam.

WAUPACA, Waupaca Co. Pop. 3,000. M.O. Tel. Ry. 957.
Gran.—Waupaca Granite & Quarry Co. A. Ripley, pres.; R. N. Roberts, treas. Cap. stk. $65,000, pd. up. Granite. Water.

WAUSAU, Marathon Co. Pop. 10,000. M.O. Tel. Ry. 160; 174.
Stone—Peter Berg.
G.S.—Mammoth Mining Co. Theodore Koch, pres.; Wm. Hattendorf, 4601 Dearborn St., Chicago, v. pres.; Gustave Kaufman, Pontiac Bldg., Chicago, secy.; Fred Schaer, treas.; Peter Berg, gen. mgr. and buyer. Cap. stk. $1,000,000, $750,000 pd. up. Gold and silver. Mine at Loomis, Wash.

WAUWATOSA, Milwaukee Co. Pop. 600. M.O. Tel. Ry. 174. Banking town Milwaukee.
Stone—A. F. & L. Manegold. Limestone.
Stone—Monarch Stone Quarry Co., Milwaukee. Monarch quarry. Dimension and rubble stone. Steam.
Stone—Rapher Co. Limestone.
Stone—J. W. Schoonmacher. Limestone.
Stone—Schweickhart & Manegold. Limestone.
Stone—Story Bros., Milwaukee. Story Bros. quarry. Limestone. Compressed air.

WEST SUPERIOR, Douglas Co. M.O. Tel. Ry. 180; 267; 346; 779.
Bary.—Duluth Barytes Co.
L.Z.—Excelsior Land, Mining & Development Co. Lead and zinc.
Nick.—Imperial Nickel Mining Co.
Iron—Superior Sunset Mining Co.
R.M.Fur.—West Superior Iron & Steel Co. Rolling mill and blast furnace.

WILSON ISLAND, in Lake Superior, 28 miles from Ashland.

WILSON ISLAND—Continued.
Stone—Excelsior Brownstone Co., 200 Knight Blk., Ashland. Excelsior quarry. Brown sandstone. Steam. Address all communications to Ashland.

WONEWOC, Juneau Co. Pop. 620. M.O. Tel. Ry. 160.
Stone—W. H. Mayo. Silver Hill quarry. Rubble, sandstone. 1,000 cords; 160 days; 6 employes.
Stone—Mayo & Tarney. A. Tarney, gen. mgr.; W. H. Mayo, buyer. Cap. $3,000. Tomline quarry. Sandstone. 4 employes. Steam.

WYOMING

ALMY, Uinta Co. Pop. 1,500 M.O. Tel. Ry. 899.
B.Coal—Union Pacific Coal Co., Omaha, Neb. No. 7 mine. Slope. Steam.

ATLANTIC CITY, Fremont Co. Pop. 156. M.O. Ry. Rawlins, 899. Banking town Lander.
Gold—Emil Granier. Christina Lake mine. Placer.
G.S.—Robt. McAuley. Mary Ellen mine. Gold and silver. Shaft.

BLACKBUTTES, Sweetwater Co. Pop. 60. Ry. 899. Banking town Rock Springs
B.Coal—Black Butte Coal Mining Co., Rock Springs. Black Butte mine. Slope. 10,000 tons; 40 employes. Horse.

BONANZA, Bighorn Co. Ry. Red Lodge, Mont., 617.
B.Coal—L. Hollywood.

BUFFALO, Johnson Co. Pop. 1,090. M.O. Tel. Ry. Clearmont, 99.
B.Coal—Buffalo Fuel Co.
B.Coal—Diamond Coal Co.
B.Coal—Robert Foote. Diamond mine. Slope. 1,000 tons; 3 employes. Horse. Wm. McLeod, mine supt.
B.Coal—W. H. Holland.
B.Coal—Munkres & Mather. Slope. Horse.
Gold—White Star Mining Co.

CARBON, Carbon Co. Pop. 1,140. M.O. Tel. Ry. 899.
Copp.—Axis Mining Co. M. Hanley, gen. mgr. Copper. Mine at Swan.
Mica—Firth & Hanley. Mine at Swan.
B.Coal—Union Pacific Coal Co., Omaha, Neb. Carbon No. 2 mine. Slope. Steam.
Gold—Gold Hill Mining & Milling Co. Occidental mine. Gold and silver. Shaft. Free ore. Steam.

CHEYENNE, Laramie Co. Pop. 11,690. M.O. Tel. Ry. 99; 898; 899.
Gold—Cheyenne Mining Co.
Gold—Diamond Development Co.
Atty.—Edgar W. Mann, Attorney at Law. Specialty Land and Mining Law. Ex-Register U. S. Land Office. Graduate Law Dept., University of Wisconsin, 1873. Compiler Laws of Wyoming for the RECORD.
US.Sur.—Henry B. Patten, Civil Engineer, 208 W. 22nd St. United States Deputy Mineral Surveyor.
Stone—John Peterson.
U.S.Sur.—Hiram Sapp, U. S. Deputy Mineral Surveyor.

CLARK, Bighorn Co. Ry. Red Lodge, Mont., 617.
Gold—William E. Walsh.

COKEVILLE, Uinta Co. Pop. 90. M.O. Tel. Ry. 899. Banking town Montpelier, Idaho.
B.Coal—D. C. Hickman.

DANA, Carbon Co. Ry. 899.
B.Coal—Union Pacific Coal Co., Omaha, Neb. Dana mine. Slope. Steam.

DOUGLAS, Converse Co. Pop. 491. M.O. Tel. Ry. 322.
Gold—Douglas Consolidated Placer Mining Co.
Gold—Douglas Creek Mining & Milling Co.
Gold—Golden Bar Steam Dredging Co.

ELK MOUNTAIN, Carbon Co. M.O. Ry. Carbon, 899.
Copp.—T. A. Hadsell & Co. Copper.
Gold—Herman, Kidd & Francier.
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EVANSTON, Uinta Co. Pop. 2,000. M.O. Tel. Ry. 899.
Lig.—Lezeart Bros. Lignite. Tunnel, 400 ft.; 3,000 tons; 20 employes. Steam.

FAIRBANK, Laramie Co. Ry. Badger, 898.
Mica—Chas. Frederick, Fairbanks.

GLENROCK, Converse Co. Pop. 492. M.O. Tel. Ry. 322. Banking town Casper.
B.Coal—Deer Creek Coal Co.

GRANITE CANON, Laramie Co. Tel. Ry. 899.
Pyrl.—Horace E. Adams, Hecla. Bismuth and Bismuth No. 2 mines. Pyrites.

HAILEY, Fremont Co. Ry. Rawlins, 899.
Gold—Geo. Jackson.
Gold—Peter McKay.
Gold—J. McTurk.
Gold—E. H. Peck.

HAMS FORK, Uinta Co. Pop. 30. Tel. Ry. 899. Banking town Evanston.
B.Coal—Consolidated Coal Co. of Wyoming.
B.Coal—Diamondville Coal Co.
B.Coal—Hams Fork Coal & Mining Co.

HARTVILLE, Laramie Co. Ry. Badger, 898.
G.S.—Good Fortune Mining Co. Gold and silver.

HECLA, Laramie Co. Ry. Granite Canon, 899.
G.S.C.—Horace E. Adams. "Dan Joe" and "Otego" mines. Gold, silver and copper. Shafts and tunnel, 100 ft. Free and refractory ore. Concentrator, 5 tons daily capacity. 5 stamp-mill, 5 tons daily capacity. Also pyrites mine at Granite Canon.
G.S.C.—Antigo Mining & Milling Co. Horace E. Adams, pres. and gen. mgr.; F. L. La Pash, v. pres. and secy.; James R. Grimes, treas. Cap. stk. $300,000, $120,000 pd. up. Antigo Group of 4 claims. Gold, silver and copper. Shafts, 40 ft. Refractory ore. Assessment work only.
G.S.C.—Fairview Mining Co. Gold, silver and copper.

INEZ, Converse Co. Pop. 49. Tel. Ry. 322.
B.Coal—Inez Coal Co.

INYANKARA, Crook Co. Ry. Moorcraft, 99.
Gold—Black Butte Mining Co.
B.Coal—Briar Hill Coal Co.
Gold—E. B. Buckley.
B.Coal—Wm. Holwell.
Gold—J. D. Russell.

JOHNSTOWN, Natrona Co. Ry. Rawlins, 899.
G.S.—Wyoming Syndicate Co. Gold and silver.

KEARNEY, Johnson Co. Ry. Sheridan, 99. Banking town Buffalo.
Stone—Kearney Stone Works. Graystone.

LANDER, Fremont Co. Pop. 525. M.O. Tel. Ry. Rawlins, 899.
B.Coal—Crowley & Pope.
B.Coal—Lander Coal Mining Co.

LARAMIE, Albany Co. Pop. 6,338. M.O. Tel. Ry. 899.
Gold—Albany Placer Mining Co. Chas. E. Denig, pres.; Chas. Culross, v. pres.; A. S. Harmon, secy.; A. C. Jones, treas. Cap. stk. $500,000, $190,000 pd. up. Albany mine. Placer. 200 days; 6 employes. Water. J. E. Porter, mine supt.
Stone—S. W. Burkhart.
Me.E.—L. C. Colburn, Professor of Mechanical Engineering and Mathematics, Wyoming School of Mines.
Prof.Ph.—J. A. Conley, Prof. of Physics and Allied Sciences, Wyoming School of Mines.
Gold—Douglas Consolidated Mining & Milling Co. C. W. Bramel, pres.; H. D. Beemer, v. pres.; C. S. Dawson, secy.; M. A. Hance, treas.; M. H. Grant, gen. mgr. Cap. stk. $3,000,000.
Stone—S. W. Downie.
G.S.C.—Geo. W. Fox. Little Ella mine. Shaft, 60 ft. Gold, silver and copper. Refractory ore. (Developing.)
Roll.M.—Hon. Otto Gramme. Rolling mill.
G.S.—Gray Eagle Mining Co. Gold and silver.
G.S.—Chas. Hegewald. Gold and silver.
M.E.—Wilbur C. Knight, Mining Engineer. Principal and professor of mining and geology, Wyoming School of Mines.
Gold—Laramie River Mining & Milling Co.
Roll.M.—Laramie Rolling Mills. Rolling mill.
Gold—Otras Mining Co. Keystone and Blue Jay mines. Shafts. Free and refractory ore. Steam.
Chem.—Edward E. Slosson, Chemist. Professor of chemistry Wyoming School of Mines.

LEAH, Albany Co. Ry. Redbuttes, 899. Banking town Laramie.
Gyp.—Rocky Mountain Plaster Manufacturing Co. Gypsum.

MINERS DELIGHT, Fremont Co. Pop. 29. M.O. Ry. Rawlins, 899. Banking town Lander.
Gold—George Bishop. Coming Day mine. Tunnel. Free ore.
Gold—Harry Burke.
Gold—John Disner. Placer.
Gold—Benj. Evans.
Gold—James Kime.
Gold—Frank Lenne.
Gold—Macy & Ross.
Gold—Frank Neff.
Gold—D. D. Wolf.

NEWCASTLE, Weston Co. Pop. 1,715. M.O. Tel. Ry. 99.
Copp.—Kilpatrick Bros. & Collins, Beatrice, Neb. Copper.

PIEDMONT, Uinta Co. Pop. 77. M.O. Tel. Ry. 899. Banking town Evanston.
Asph.—Chas. Guild & Sons. Katie quarry. Asphalt. Open pit.

POWDER RIVER, Johnson Co. Pop. 78. Ry. Clearmont, 99. Banking town Buffalo.
C.E.—G. S. Edmondstone, Civil Engineer. Hydraulics.

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RAWLINS, Carbon Co. Pop. 2,235. M.O. Tel. Ry. 899.
C.S.—Consolidated Copper & Silver Mining Co.
B.Coal—M. W. Dillon.
Iron—R. C. Mager.
B.Coal—I. C. Miller. Shaft and tunnel.

ROCKSPRINGS, Sweetwater Co. Pop. 3,406. M.O. Tel. Ry. 899.
Copp.—Samuel Fletcher. Copper.
Copp.—J. Ludington. Copper.
Copp.—Matthew Muir. Copper.
B.Coal—Rock Springs Coal Co. Nos. 1 and 2 mines. Slope. Steam.
B.Coal—Sweetwater Coal Mining Co. Sweetwater mine.
B.Coal—Union Pacific Coal Co., Omaha, Neb. Rock Springs Nos. 1 and 3 mines. Slope. Rock Springs No. 4 mine. Shafts, tunnels. Rock Springs No. 5 mine. Shafts. Rock Springs No. 7 mine. Tunnel. Rock Springs No. 8 mine. Shaft. Steam.
B.Coal—Van Dyke Coal & Mining Co. Slope, tunnel.
Copp.—Geo. L. Young. Copper.

SHERIDAN, Sheridan Co. Pop. 281. M.O. Tel. Ry. 99.
B.Coal—Geo. Brundage & Son. Black Diamond mine. Tunnel, 200 ft.; 2,000 tons; 3 employes.
B.Coal—Sheridan Fuel Co. C. N. Dietz, Omaha, Neb., pres.; R. R. Woods, v. pres. and buyer; Gould Dietz, secy.; H. F. Cady, Omaha, treas. Cap. stk. $500,000, $200,000 pd. up. Semi-bituminous coal. Mine at West Sheridan. No. 1 mine. Slope. 60,000 tons; 314 days; 150 employes. Horse. R. R. Woods, mine supt.

SILVER CROWN, Laramie Co. P.O. Fort Russell. Ry. 898.
G.S.—Silver Brick Mining Co. Gold and silver.
M.E.—C. F. Wray, Mining Engineer.

SUNDANCE, Crook Co. Pop. 515. M.O. Ry. Moorcraft, 99.
B.Coal—Sundance Railway & Mining Co.

SWAN, Carbon Co. Ry. Rawlins, 899.
Copp.—Axis Mining Co. (Milliken & Hanley.) Carbon. Axis mine. Copper. Shaft, 50 ft. (Developing.)
Mica—Firth & Hanley, Carbon. Mica mine. Shaft, 40 ft. Michael Hanley, mine supt. (Developing.)

WELCOME, Crook Co. Ry. Spearfish, S. Dak., 99.
Gold—Inter Ocean Mining Co. Inter Ocean mine. Open pit. Steam. Mill.
G.S.—Rinehard, Finch & Co. Goldfinch, Gold Bank and Gold Coin mines. Gold and silver. Shafts and tunnels.

WEST SHERIDAN, Sheridan Co. Pop. 500. Ry. 99.
B.Coal—Sheridan Fuel Co., Sheridan. No. 1 mine. Slope. 60,000 tons; 314 days; 150 employes. Horse. R. R. Woods, mine supt.

DETAIL LIST BY PROVINCES AND TOWNS

—OF—

Mining, Quarrying, Kindred and Dependent Industries

—OF THE—

DOMINION OF CANADA.

BRITISH COLUMBIA

AINSWORTH, West Kootenay Dist. Banking and Ry. Kaslo, 421; Nelson, 575. Water, 347; 438.
Gold—L. Alexander & Co
Gold—H. Anderson.
Lead—Ashworth & Jevons.
S.L.—Canadian Pacific Mining & Milling Co., 322 New York Life Bldg., Minneapolis, Minn. Silver and lead. Woodbury mine. Tunnels. Refractory ore. 10 employes. (Developing.) A. D. Westby, mine supt. Shipped 75 tons in 1895.
Gold—D. Clark & Co.
Lead—D. W. Clark.
Gold—R. F. Green.
Gold—W. H. Hendryx & Co.
G.S.—Kootenay Mining & Development Co. Willis Baker, pres.; S. H. Wood, Cedar Falls, Iowa, v. pres., secy. and buyer; R. V. Noble, treas. Cap. stk. $1,000,000, $600,000 pd. up. Gold and silver. Mine on Kootenay Lake.
Gold—I. J. Lendrino & Co.
Gold—McCune & Co.
Gold—Neosho Mining Co., 210-211 Jesler Bldg., Seattle, Wash. Neosho mine. Shaft. Free ore.
Gold—C. Olson & Co.
Silv.—Pacific Bullion Mining Co., Spokane, Wash. Silver. Spokane and Trinket mines. Shaft, 91 feet; tunnel, 200 ft.; 3 drifts. Refractory galena ore, 40 oz. silver, 76 per cent lead. 1,000 tons; 180 days; 15 employes. Steam.
Gold—J. L. Retallack & Co.
Gold—Revelstoke Mining Co.
Gold—Geo. Whitten.
G.S.—J. A. Wolgamot. Gold and silver.

ALBERNI, Alberni Dist. Banking and Ry. town Nanaimo, 292; 357. Water, 645.
Gold—Constance Mining Co.
Gold—F. McMillan & Co.
Gold—Nanaimo-Alberni Gold Mining Co., Ltd., P.O. Box 270, Nanaimo. Constance mine. Shaft, 35 ft.; 300 days; 13 employes. Hydraulic.
Qsr.—Seachart Quicksilver Mining Co.

ASHCROFT, West Kootenay Dist. Pop. 1,000. Ry. 114. Banking town Kamloops.
Gold—Dragon Creek Mining Co.
Gold—Pittsburg & Cariboo Gold Dredging Co.
Gold—Slough Creek Mining Co.

BARKERVILLE, Cariboo District. Pop. 800. Ry. Ashcroft, 114. Banking town Kamloops.
Gold—Black Jack Quartz Mining Co., Ltd.
Gold—Cariboo Gold Fields Ltd., London, England. A. D. Whittier, local manager; J. Champion, M.E., engineer. Cap. stk. $500,000. Placer ground on Williams Creek. Ditches, 14 miles; flume, 2,200 ft.; tunnel, 2,600 ft.; steel pipe lines, 15,097 ft. 2 hoisting engines erected last winter. (Expected have development work completed August, 1896.)
Gold—Cariboo Reefs Development Co., Limited, London, England. Cap. stk. $100,000. Princess Maria lode. Quartz. Contract let for extension tunnel. (Developing.)
Gold—Flynn Bros.
Gold—Forest Rose & St. George Hydraulic Gold Mining Co. (James Innes, W. P. Smith and Wm. Manson, owners.) 114 acres. Placer ground. Hydraulic.
Gold—James Innes.

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BARKERVILLE—Continued.
Gold—Island Mountain Company. Free ore. 10-stamp mill. (Expected resume operations this spring.)
Gold—Little Giant Quartz Mining Co.
Gold—Slough Creek Mining Co., Ltd. W. H. Fife, pres.; W. F. Sargent, sec. Placer. Shafts and tunnels. 25 employes. Hydraulic. (Developing.)
Gold—Toronto Mining Co. of Sugar Creek.
Gold—Victoria Hydraulic Mining Co., New Westminster.
Gold—Van Winkle Consolidated Hydraulic Mining Co., Ltd., Vancouver. Placer ground. Van Winkle Bar.
Gold—Whittier Mining Co.

BIG BAR, Cariboo Dist. Ry. Ashcroft, 114. Banking town Kamloops.
Gold—Big Bar Mining & Dredging Co. J. Gallagher, v. pres. and buyer. Placer. 180 days. Water.

BOUNDARY CREEK, West Kootenay Dist. P.O. Bedlington. Ry. Fort Sheppard, 575. Banking town Nelson.
Gold—Atwood, Lefren & Co.
Gold—Atwood, Smith & Co.
Gold—Atwood & Co.
Gold—Atwood & Lemon.
Gold—Atwood & Schofield.
Gold—Wm. Austin.
Gold—Campbell & Creston.
Gold—Chaplin & Co.
Gold—Chaplin & Ruenberger.
Gold—R. Denzler.
Gold—Denzler & Douglass.
Gold—Denzler & Gibbs.
Gold—John Douglass.
Gold—John H. East.
Gold—Ewing, Knightly & Co.
Gold—Frank George.
Gold—Frank Gome.
Gold—Matt. Hatter.
Gold—J. F. Keene.
Gold—Lamby & Nicholson.
Gold—E. Lefron.
Gold—James Lynch.
Gold—L. M. McCarren.
Gold—W. McCormick & Co.
Gold—Donald McLaren.
Gold—McLeeman & Ray.
Gold—Collin McRae.
Gold—Donald McRae.
Gold—Mangatt & Taylor.
Gold—Clarence Mitchell.
Gold—Moran & Hammer.
Gold—A. C. Overton.
Gold—Geo. Riter.
Gold—Ruenberger & Taylor.
Gold—James Schofield.
Gold—Ben Shaw.
Gold—W. T. Smith.
Gold—Smith & Mitchell.
Gold—John Sullivan.
Gold—Thos. Wake.
Gold—Henry White.

BOUNDARY FALLS, Cariboo Dist. Ry. Okanagon, 114.
Gold—Crescent Mining Co.
Gold—Gold Drop Mining Co.
Gold—Iron Sides Mining Co.

BOUNDARY FALLS—Continued.
Silv.—Last Chance Mining Co. Silver.
Gold—Monarch Mining Co.
G.S.—Rawhide Mining Co. Gold and silver.
Gold—Snowshoe Mining Co.
Gold—Stem Winder Mining Co.

BRIDGE CREEK, Lillooet Dist.
Gold—Mina Placer Mining Co.

CAMP M'KINNEY (P.O. Sidley), Yale Dist. Ry. Penticton, 114.
Gold—Cariboo Mining & Milling Co. Spokane, Wash.
G.S.—R. G. Sidley. Cap. $1,500. Gold and silver. Anarchist mine. Shaft, 35 and open cut 10 ft. Free and refractory ores. (Developing.)

CAMP CREEK, West Kootenay Dist. P.O. and Ry. Revelstoke, 114.
Gold—Caley & Hyatt. Spallumcheen claim. Placer. Creek Diggings. Flume, 400 ft., and pumping wheel.
Gold—White & Haley. Imperial claim. Placer. Creek diggings. Flume, 200 feet.

COMOX, Comox Dist. (Vancouver Island). Pop. 1,000. Ry. Vancouver, 114; 357. Banking town Nanaimo.
Gold—Enterprise Mining Co.
B.Coal—Union Colliery Co. of B. C., Ltd., Victoria. Comox mine. Shafts and slopes. 265,000 tons; 300 days; 813 employes. Steam and electricity. 12 miles Ry.; 4 locomotives; 150 cars; 4 stationary engines; 4 steam, 5 electric pumps. Coal washer and coke ovens. Wharfage for loading vessels.

DONALD, East Kootenay Dist. Pop. 800. Ry. 114. Banking town Golden.
Gold—Cariboo Creek Mining Co., Ltd.
Gold—Donald Gold Mining Co.

FAIRVIEW, Yale Dist.
Gold—Boeing Coryell & Sheehan.
Gold—John Buchan.
Gold—Geo. H. Cahill.
G.S.—D. A. Carmichael. Gold and silver. Western Hill mine. Shaft, 10 ft. Victoria mine. Shaft. Free ore. (Developing.)
Gold—M. Dalrymple.
Gold—Oliver Davis & Co.
Gold—Thos. Elliot. Smuggler mine. Shaft, 108 ft. Free and refractory ore. (Developing.)
Gold—James Grant.
Gold—Grant & Dalrymple.
Gold—Guess & White. Susie mine. Shaft, 16 ft. Open pit. Free ore. (Developing.)
Gold—McBride & Powers.
Gold—D. M. McDougall.
Gold—Manson McMillan.
Gold—Mead & Carmichael.
Gold—Moll & Boeing.
G.S.—Morning Star Mining Co. (Mangott & McEachem, owners.) Gold and silver. Morning Star mine. Two shafts, 110 ft. each. Free ore. 1,500 tons; 300 days; 6 employes. Stamp mill, 10 tons daily capacity. (Developing.)
Gold—Henry Nickolson.
Gold—W. J. Porter.
Gold—H. Rase.
Gold—O. D. Sanford.
Gold—Sanford & Co.
Gold—Geo. Sheehan & Co.
Gold—Sheehan & Gwatkins.
Gold—John Stevens.
Gold—Stevens & Gwatkins.
G.S.—Strathyre Mining Co. Gold and silver. Stamp mill. (Idle. Mill leased.)
G.S.—W. T. Thompson. Gold and silver.
Gold—N. Throll.
Gold—Mrs. B. Timble.
Gold—Traviss & Dalrymple.
Gold—Wide West Mining Co.

FORT STEELE, East Kootenay Dist.
G.S.—Fort Steele Mining Co., Spokane. Gold and silver. Lily May claim. (Developing.)
Gold—International Placer Co., Bozeman, Mont. Twenty-one placer claims. Tunnel, 375 ft. Ancient river gravel beds. 300 days; 4 employes. J. J. Welch, mine supt.

GOLDEN, East Kootenay Dist. Pop. 500. Ry. 114; 213.
Copp.—C. J. Law. Copper.

GRANITE CREEK, Yale Dist. P.O. Princeton.
G.P.—British Platinum Co. Gold and platinum.
G.P.—Eagle Creek Platinum Co. Gold and platinum.
Gold—Golden Gate Gold Mining Co.
Gold—Granite Creek Gold Mining Co. (R. C. Campbell-Johnston, et al.) Vancouver. Placer. Drift, 650 ft.
G.P.—Hines Creek Platinum Co. Gold and platinum.

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GRANITE CREEK—Continued.
Gold—Murphy, Kyle & Newton (partnership). Pogue claim. Hill placer. Tunnel, 1,300 ft.
G.P.—New York Platinum Co. Gold and platinum.
Gold—Stevenson Gold & Platinum Hydraulic Mining Co. Flume, 3,000 ft. Hydraulic plant. Expected start piping May, 1896.
Gold—Swan Hydraulic Claim.
Gold—Tulameen Hydraulic Mining & Improvement Co., New Westminster. Claims on Tulameen River. Placer. 420 ft. pipe; 1 No. 1 monitor; 150 ft. pressure. Larger plant to be put in.

ON HADDINGTON ISLAND, New Westminster Dist. Ry. Vancouver 114; 357.
Stone—McGregor & Jeeves, Victoria. Haddington Island quarry. Sandstone. Steam.

HOPE, Yale Dist. Pop. 500. Ry. 114. Banking town New Westminster.
Silv.—New Eureka Silver Mining Co., Ltd., 48 Langley St., Victoria. Eureka mine.

HORSE FLY, Cariboo Dist. P.O. Quesnelle Forks. Ry. Ashcroft, 114. Banking town Kamloops.
Gold—Horse Fly Hydraulic Mining Co., Ltd., Vancouver. Cap. stk. $200,000, $150,000 pd. up. Horse Fly mine. Placer. 180 days; 75 employes. Hydraulic. J. B. Hobson, M.E., superintendent.
Gold—Horsefly Gold Mining Co., 610 Clay St., San Francisco, Cal. Horsefly mine. Placer. Shafts, 30 to 135 ft.; tunnels, 3,000 ft. Hydraulic. 2,000 cubic yards; 200 days; 30 employes. Steam and water. R. T. Ward, mine supt.; J. J. Stuart, asst. (Hydraulic elevating plant under construction, Jan., 1896.)

ILLECILLEWAET, West Kootenay Dist. Pop. 500. Ry. 114. Banking town Golden.
Lead—Gus Anderson.
L.S.—Bain & Boyd Mining Co. Lead and silver.
Lead—J. B. Banfield.
Lead—Boyd & Bain Co.
L.S.—Corbin, Kennedy & Co. Lead and silver.
G.S.L.—Lanark Consolidated Mining & Smelting Co., Victoria, Lanark and Isabella mines. Gold, silver and lead. Smelting ore. 12 employes.
Lead—A. C. McArthur.
Lead—Alex. McRae.
Lead—Walter Scott.
L.Z.—Selkirk Mining Co. Lead and zinc.
Lead—Chas. Stramberg.

KAMLOOPS, Yale Dist. Pop. 1,500. Ry. 114.
Gold—Hidden Treasure Mining Co.
Gold—Kamloops Mining & Development Co. Cap. stk. $30,000.
C.M.E.—R. H. Lee, Civil and Mining Engineer. Provincial Land surveyor.
Gold—M. I. Morrison.
Mica—J. F. Smith.
Gold—Thompson River Hydraulic Mining Co. Placer ground on Tranquille River. James Cummings, supt. (Developing.)
Gold—J. A. Russell. Cosmopolitan placer claim; bench digging; Tranquille River.

KASLO, West Kootenay Dist. Pop. 2,000. Ry. 421; 437.
Silv.—Blue Bird Mining Co. Silver.

KEREMEOS, Yale Dist. Ry. Okanagon, 114.
Gold—A. C. Burchard.
Gold—Chilson & Judd.
Gold—C. W. Gardner.
Gold—John Grigley.

KEITHLEY CREEK, Cariboo Dist. Ry. Ashcroft, 114. Banking town Kamloops.
Gold—Hayward Mining Co.
Gold—Heywood Hydraulic Gold Mining Co.

KETTLE RIVER, Yale Dist. Ry. Okanagon, 114.
Gold—Laura Hydraulic Co.

KOOTENAY LAKE, Kootenay Dist. P.O. Ainsworth. Banking town and Ry. Kaslo, 421.
G.S.—Kootenay Mining & Development Co., Ainsworth. Gold and silver. Turn O' Luck mine. Tunnel and shaft. Refractory ore. R. V. Noble, mine supt.

LILLOOET, Lillooet Dist. Ry. Ashcroft via Clinton, 114. Banking town New Westminster.
Gold—Bonanza Mining Company. Bonanza quartz claim on Cayoosh Creek. Leased to Lillooet, Fraser River and Cariboo Gold Fields Mining Company.
Gold—Irving & Co.
Gold—Lillooet, Fraser River and Cariboo Gold Fields Mining Company, lessees Bonanza and Vancouver Enterprise mines on Cayoosh Creek; and Irving-Jensen, Lillooet Hydraulic, Hurley-McDonald and Ezra Markley properties. Quartz. (Developing.)

LILLOOET—Continued.
Gold—John Marshall.
Gold—Ming Placer Mining Co.
Gold—North American Placer Co.
Gold—Peters & Ward.
Gold—Sawmill Flat Co.
Gold—Scum Scum Mining Co. Placer ground. Bridge River.
Gold—Vancouver Enterprise Mining Co., Vancouver. Vancouver Enterprise claim on Cayoosh Creek. Leased to Lillooet, Fraser River and Cariboo Gold Fields Mining Co., Ltd.
Gold—Victor Hydraulic Mining Co. Placer ground.

M'CULLOCH CREEK, West Kootenay Dist. P.O. and Ry. Revelstoke, 114.
Gold—Gus Lund. Ole Bull mine. Free milling. Stamp mill.
Gold—McCulloch Creek Tunnel Co. Placer; creek diggings. Pumps and pumping wheel.
Gold—Ophir Bedrock Flume Co. Placer; creek diggings.

MIDWAY, West Kootenay Dist. Ry. Three Forks 114; 421.
Silv.—Peto Co., Silver.

MINERAL CREEK, Alberni Dist. P.O. China Creek. Ry. and banking town Nanaimo, 292.
Gold—Consolidated Gold Mining Co., Victoria. (Developing.)

MOSQUITO CREEK, West Kootenay Dist. Ry. Nakusp, 114.
Gold—Alabama Hydraulic Co.

NANAIMO, Nanaimo Dist. (Vancouver Island). Pop. 4,000. Ry. (Mainland) Vancouver, 114.
Gold—Alberni-Nanaimo Gold Mining Co.
B.Coal—Gabriola Coal Co., Ltd. Properties on Gabriola Island. (Prospecting and developing.)
Gran.—Malaspina Red Granite Quarry Co. Quarry on Malaspina Straits.
Gold—Mineral Creek Gold Mining Co. Cap. stk. $500,000. Mines at Mineral Creek, Alberni.
G.S.C.—Minerva Mining & Marble Co. B. Raper, pres.; A. Raper, secy. and treas. Victoria mine. Gold, silver and copper. Free ore. Water.
Minerva mine. Shaft, 40 ft. tunnel, 80 ft.
Island Queen mine. Shaft, 25 ft. Tunnel, 80 ft.
Gold—Nanaimo-Alberni Gold Mining Co., Ltd., P.O. Box 270. A. Haslam, M.P., pres.; W. E. Norris, secy.; W. K. Leighton, treas. Cap. stk, $300,000. Mine at Alberni.
Gold—Nanaimo-Rossland Gold Mining Co. Cap. stk. $500,000. Mines at Rossland, Kootenay Dist.
B.Coal—New Extension Coal Co.
B.Coal—New Vancouver Coal Mining & Land Co., Ltd. of London, England. Southfield No. 2 mine, Slope. Southfield No. 5. Shaft. No. 1 Northfield. Shaft. Protection Island, Shaft. No. 1 Esplanade, Shaft. 338,198 tons; 300 days; 1887 employes. Steam and electricity. 11½ miles Ry.; 5 locomotives; 237 cars; 8 hauling and pumping engines; 150 horse power electric plant; 4 30-horse power and 115-horse power electric locomotives; 2,000 ft. wharf frontage. S. M. Robins, mine superintendent.
Stone—R. Nightingale. Newcastle Island quarry. Sandstone. 10,000 ft. Steam.
Slate—R. Nightingale & Co.
B.Coal—North Gabriola Coal Co. Properties on Gabriola Island.
Copp.—J. H. Pleace. Copper. Gem mine. Texada Island. Two shafts. (Developing.)
Iron—Preston Iron Co., California St., San Francisco, Cal. Prescott Iron mine. Texada Island. Tunnel, 80 ft. and open pit. Magnetite ore. One mile Ry.; 18 cars. (Idle.)
Paxton Iron mine. Magnetite ore. (Idle.)
C.E.—Elijah Priest, C.E., P.L.S., Civil Engineer.
Gold—J. W. Stirtan. Nutcracker No. 2 mine. Texada Island. Robt. Evans, secy. Shaft, 15 ft. Free ore. 3 employes.
G.S.C.—Texada Gold & Silver Mining Co. J. W. Stirtan, pres.; Alfred D. Raper, secy.; T. D. Jones, treas. Cleo mine. Own 800 acres, containing gold, silver, iron, copper and other minerals. (Developing.)
G.S.—Victoria Mining Co. (private owner), P.O. Drawer 2. Gold and silver. Victoria mine. Shaft and tunnel. Water. A. Raper, mine supt. (Developing.)
B.Coal—West Wellington Coal Co. (Dennis Jordan, Esq., San Francisco.)

NELSON, West Kootenay Dist. Pop, 2,000. Ry. 575; 210; 438.
G.S.—Bonanza King Mining Co. Gold and silver.
Gold—Cottonwood Gold Mining Co., Ltd.
Gold—Dandy Mining Co. Dandy mine. (Developing. Expect ship 1896.)
Gold—Eureka Consolidated Mining Co., Spokane, Wash. Fern and Eureka mines.
G.S.C.—Hall Mines, Limited. Gold, silver and copper. Silver King mine. 5 tunnels. Wings, 135 ft. in No. 4.

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NELSON—Continued.
Shafts, 65 to 850 feet. Refractory; heavy yellow and gray copper; traces peacock. Aerial ropeway 4½ miles to smelter; 875 buckets; combined cap. 10 tons per hour; 100 employes. Steam. Sampling mill, 100 tons daily cap.
Kootenay Bonanza, American Flag, Kohinoor, J. M. B., Jessie, Daylight and Bid claims. (Developing.)
Smelter. One stack water jacket smelter, 100 tons daily cap. (Roaster to be built this spring.)
Gold—Kootenay Bonanza Mining Co. Kootenay Bonanza mine. Sold to Hall Mines, Ltd.
Gold—Kootenai Hydraulic Mining Co., Rochester, N. Y. Leases over 7 claims on Pen d'Oreille River. 20 employes. Water. Hydraulic.
Gold—Nelson Hydraulic Mining Co. 1¼ miles on 49 Creek. Lease from Crown. 1 monitor. Clean up 1895, $4,000, approx.
Silv.—Silver Queen Mining Co., Ltd., Victoria. Silver Queen mine.
Silv.—Toad Mountain Mining Co. Silver.

NEW DENVER, Yale Dist. Ry. Silverton, 114.
S.L.—J. L. Drumheller, Spokane, Wash. Silver and lead. Grover and Stevenson mine. Shaft, 75 ft. (Developing.)
M.E.—J. C. Gwillim, Mining Engineer. Reports upon ore bodies.
Gold—LeRoi Mining & Smelting Co., Spokane. Mines at Three Forks.
Silv.—Minnesota Silver Co., Ltd. Cap. stk. $1,000,000.
Silv.—Silver Key Mining Co., Ltd.
Silv.—Slocan Milling Co. Cap. stk. $100,000.
Silv.—Byron N. White Co., Ltd. Silver.

NEW WESTMINSTER, New Westminster Dist. Pop. 6,000. Ry. 114; 321; 346.
Stone—Jas. Hadden, 1029 3d Ave. Cap. $5,000. Steam.
C.M.E.—Albert J. Hill, M.A. Civil and Mining Engineer. Provincial land surveyor and draughtsman. Dupont block.
C.E.—Arthur Hill, B.Sc., Associate Member Institute Civil Engineers (England). Civil Engineer, 420 Fifth St.
Slate—Jervis Inlet Slate Quarry Co. Quarry on Jervis Inlet. (Idle.)
Gold—Lillooet Hydraulic Mining Co. Placer ground at Lillooet.
Gold—Quesnelle River Hydraulic Gold Mining Co. Cap. stk. $600,000. Placer ground on Quesnelle River.
C.H.M.E.—W. Thibaudeau, Civil, Hydraulic and Mining Engineer. Expert on hydraulic mines.
Gold—Thompson River Hydraulic Mining Co.
Gold—Tulameen Hydraulic & Improvement Co. W. J. Walker, sec. Placers. Tulameen River. Granite Creek Camp. Yale Dist.
Gold—Victoria Hydraulic Mining Co. Placer ground, near Barkerville, Cariboo Dist.

OSOYOOS, Yale Dist. Ry. Penticton, 114. Banking town Vernon.
Gold—A. J. Baxter.
Gold—Cariboo Mining & Milling Co. Cariboo and Amelia claims. Shafts and tunnels. Free and concentrating ores. $104,800 an. output; 300 days; 25 employes; 10-stamp mill.
Gold—Cariboo & Horsefly Mining Co.
Gold—Davies & Hammond. Joe Dandy mine. Shaft, 55 ft. Tunnel, 60 ft. Free ore.
Gold—Thomas Elliot. Smuggler mine. Shaft, 100 feet. Free ore. Crawford mill about being erected Jan. 1896.
Gold—Fred Johnson.
Gold-Cop.—Keller & Engel. Gold Dust and Peacock mines. Refractory ore.
Gold—Lambly & Edwards.
Gold—Jack McNeil.
G.S.—Rattler Mining Co. Gold and silver.
Gold—Frank Richter.
Gold—Frank Strewo.
Gold—Taylor & Seeley.

PENTICTON, Yale Dist. Pop. 200. Ry. 114. Banking town Vernon.
Gold—Okanagon Mining Co.

PILOT BAY, West Kootenay Dist. P.O. Ainsworth. Banking and Ry. town Nelson, 575; 210; 421; 437.
G.S.—Kootenay Mining & Smelting Co., Ltd. Gold and silver. Blue Bell, Silver King, Golconda, Arcade, Calcium, Hendryx and Hendoyx Nos. 1, 2, 3 and 4 claims. Own claims also at Ainsworth. 52,000 tons ore from Pilot Bay claims 1895.
Smltr.—Kootenay Mining & Smelting Co. Edwin W. Herrick, Minneapolis, Minn., pres.; A. B. Hendryx, gen. mgr. Pilot Bay Smelter. 100-ton water jacket furnace; 5 roasting furnaces; sampling works, cap. 300 tons ore per day. 3,220 tons silver lead bullion in 1895.

PLUMPER'S PASS, Island Dist. Ry. and Banking town Vancouver, 114; 357.
Stone—Hooson & Son.

PRINCETON, Yale Dist. Ry. Hope, 114. Banking town Vancouver.
Gold—Allison, McDougal & Co. Placer.
G.P.—Anglo-American Gold & Platinum Company, Vancouver. Claims on Similkameen River, 640 acres. Placer. Gold and platinum. Ditch, 8,910 ft.; flume, 4,026 ft.; cap. both, 2,600 inches; 266 ft. head. Main pipe line, 848 ft., 30-in diam. lessening to 24-in; 2 monitors, 4 and 9 in. nozzles. Bedrock flumes, 324 ft. Captain S. F. Scott, gen. mgr.; W. Wills, engineer.
Gold—W. J. Waterman, M.E. Gold Point claim. Placer. Gold and platinum. Water. Ditch, 4¾ miles; flumes, 1,000 ft. Hydraulics.

QUESNELLE, Cariboo Dist. Pop. 200. Ry. Ashcroft, 114. Banking town Kamloops.
Gold—Blue Lead Hydraulic Co., Ltd.
Gold—Champion Hydraulic Mining Co.
Gold—Main Quesnelle Gold Dredge & Mining Co., Spokane, Wash.
Gold—Pittsburg & Cariboo Gold Dredging Co. Lease on Fraser River. Suction dredge.
Gold—Quesnelle Forks Mining Co.
Gold—Underwood & Co. Lease (W. A. Johnston) on Quesnelle River. Suction dredge.
G.S.—Quesnelle Quartz Co., Ltd. Gold and silver. Hon. Jas. Reid, pres.; W. A. Johnston, secy. and treas. Cap. stk., $600,000, $120,000 pd. up. Washburn mine. Shaft, 212 ft. and tunnel. Free and refractory ore. Steam. 5-stamp mill, 10 tons daily capacity.

QUESNELLE FORKS, Cariboo Dist. Ry. Ashcroft, 114. Banking town Kamloops.
Gold—Cariboo Hydraulic Mining Co., Ltd., Vancouver. Cariboo Hydraulic mine. Placer.
Gold—Hepburn Hydraulic Mining Co.
Gold—Maud Hydraulic Mining Co., Ltd., Granville St., Vancouver. Placer. Tunnels, 200 ft.; 175 days; 11 employes. Water.
Gold—South Fork Hydraulic Mining Co.

REVELSTOKE, West Kootenay Dist. Pop. 1,000. Ry. 114. Bank, Golden.
Gold—Bellingham Bay Hydraulic Mining Co., Fairhaven, Wash. Bellingham Bay and Fairhaven placer claims. Bench diggings. Wing dam, 700 ft; ditch, 254 ft.; 150 days; 5 employes. Water.
Gold—Columbia Hydraulic Co., 1206 New York Life Bldg., Chicago. Placer. Shaft, 90 feet. Flume and ditch to be repaired. Hydraulic. Developing. $420 last season. Frank L. Nason, mine supt.
Gold—Columbia & Kootenay Smelting Co.
Gold—Thomas Downs.
Gold—J. W. Haskins.
Gold—Smith Creek Mining Co. Placer. Creek diggings. (Developing.)
Gold—John Stauber.
Silv.—P. M. Walker. Silver.
Gold—R. Whitmore. Prospect placer claim on Carnes Creek. Flume. (Developing.)

ROCK CREEK, Yale Dist. P.O. Penticton. Ry. Okanagon, 114.
Gold—Hugh Cameron.
Gold—Chas. Dietz.
Gold—Wm. Edwards.
Gold—Eureka Mining Co.
Gold—First Chance Placer Mining Co. Placer. Shaft, 34 ft. Flume, 1,100. Water. Water wheel.
Gold—Moran, Hotter & Co.
Gold—John Moran.
Gold—Stionash & Mass.

ROSSLAND, West Kootenay Dist. Pop. 3,000. Ry. Robson, 210; 437; 421; 114.
G.C.—J. L. Drumheller, Spokane, Wash. Gold and copper. Alberta mine. Shaft and tunnel. (Developing.)
G.C.—Evening Star Mining Co., Spokane, Wash. Gold and copper. Evening Star mine. Shaft and tunnel. (Developing.)
G.C.—Great Western Mining Co., Traders Blk., Spokane, Wash. Golden Chariot and Great Western mines. Shaft 50 ft. Gold and copper. Refractory ore. Steam.
Gold—Hattie Mining Co.
G.C.—High Ore Gold Mining & Smelting Co., 201 Mohawk Bldg., Spokane, Wash. Gold and copper. High Ore mine. Shaft, 33 ft. Refractory ore. 4 employes.
Gold—Homestake Gold Mining Co.
G.S.—Josie Gold Mining Co., Spokane, Wash. Josie mine. Gold and silver.
Gold—Robert E. Lee Mining Co., Spokane, Wash. Robert E. Lee mine. 35 tons; 13 men. Tramway building. (Developing.)
Gold—Le Roi Mining & Smelting Co., Spokane, Wash. Gold, silver and copper.
G.S.C.—Poorman Gold Mining Co., 39 Ziegler Block, Spokane, Wash. Poorman mine. Shaft, 40 ft.; and tunnel. Gold, silver and copper. Refractory ore. J. Clark, mine supt.

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ROSSLAND—Continued.
G.S.C.—Silverine Gold Mining Co., Spokane, Wash. Silverine mine. Gold, silver and copper. Smelting ore.
G.C.I.—St. Elmo Gold Mining Co., Spokane, Wash. St. Elmo mine. Gold, copper and iron. Smelting ore. (Developing.)
G.C.—Trail Mining Co., 1206 New York Life Bldg., Chicago. Columbia mine. Gold and copper. Tunnel, 260 ft. Refractory ore. 27 employes. John Meyhan, mine supt.
G.S.—War Eagle Mining Co., Spokane, Wash. Gold and silver.

SAVONAS, Yale Dist. Pop. 300. Ry. 114. Banking town Kamloops.
Qsr.—Cinnabar Mining Co. of British Columbia, Ltd., Vancouver. Quicksilver. Rosebush, Yellow Jacket, Bluebird and Lakeview mines. Shafts, 72 ft. Tunnels, 216 ft.; 300 days; 20 employes. Two retorts, 3 tons daily capacity. H. L. Lightner, M. E., mine supt.

SLOCAN CITY, West Kootenay Dist. Ry. New Denver, 114. Banking town Nelson.
Silver—Alpha Silver Mines.

STANLEY, Cariboo Dist. Ry. Ashcroft, 114. Banking town Kamloops.
Gold—Albion Mining Co.
Gold—Chisholm Creek Co.
Gold—Clark Mining Co.
Gold—Danbar Flat Hydraulic Co.
Gold—E. Perkins.
Gold—Sunny Point Mg. Co.
Gold—F. J. Tregillus.

THREE FORKS, West Kootenay Dist. Ry. 421; 114. Banking town Nelson.
Silver—Alamo Mining Co., Ltd., New Denver. Alamo mine. Tunnels, 1,400 ft. Concentrating ore. 46 employes. Concentrator 20 tons daily cap.; 4 miles tramway.
Gold—Cumberland Mining Co.
G.S.—Idaho Gold Mining & Smelting Co., Butte, Idaho. Idaho mine. Tunnels and shafts. Refractory and concentrating ore. 850 tons; 11 employes. (Developing.)
Silv.—Slocan Surprise Mining Co., Chicago. Slocan Surprise mine. Silver. Shaft and tunnels. 10 employes.
Gold—Sunshine Mining Co. Sunshine mine. Tunnels, 165, 115 and 123 ft.
S.L.—E. H. Tomlinson. Last Chance mine. Tunnel, 200 ft. Silver and lead. Smelting ore, 500 tons; 300 days; 4 employes.
Silv.—Estate of W. D. Yawkey. Silver.

TRAIL CREEK, West Kootenay Dist. Banking town and Ry. Nelson 114; 575.
Smlt.—British Columbia Smelting & Refining Co., Vancouver. 4 reverberatory, 1 blast, 2 roasting furnaces; dust chambers; sampling mill. Capacity works, est. 300 tons day. (Expected to be completed March 1st, '96.)
Gold—War Eagle Gold Mining Co., Spokane, Wash.

VANCOUVER, New Westminster Dist. Pop. 25,000. Ry. 114; 357.
Gold—Alexandra Mining & Dredging Co. Cap. stk., $3,000,000.
G.P.—Anglo-American Gold & Platinum Hydraulic Mining Co. Cap. stk., $250,000. Claims on Similkameen River. Princeton.
Gold—Antler Creek Mining Co., Ltd. Cap. stk., $1,000,000. Placer claims on Cunningham Creek, Cunningham Pass, Antler Creek, Little Valley Creek, French Creek and Canadian Creek.
Gold—Argonaut Gold Mining Co. of Kootenay. Cap. stk., $500,000.
Gold—Black Creek Hydraulic Mining Co. of Cariboo. Cap. stk., $300,000.
Gold—Bootanie Creek Gold Mining Co. Placer ground on Bootanie Creek.
Gold—Boston Bar Gold Mining Co. Placer ground at Boston Bar on Fraser River. Lytton P.O.
Gold—Bridge River Gold Mining Co. Placer ground at Bridge River. Lillooet P.O.
Gold—British Columbia Gold Dredging Co. Cap. stk., $1,500,000. Lease of river bed at Yale.
Gold—British Columbia Gold Fields Exploration and Concessions Co. Cap. stk., $500,000.
Smlt.—British Columbia Smelting and Refining Co. Smelter at Trail Creek.
Silver—Carbonate Mountain Mining Co.
Gold—Cariboo Hydraulic Mining Co., Ltd. J. M. Browning, pres.; Pierce Lloyd, secy.; J. B. Hobson, gen. mgr. Cap. stk., $300,000, pd. up. Mine at Quesnelle Forks.
Gold—Cariboo & Kootenay Prospecting & Mining Co. Cap. stk., $300,000; $16,000 pd. up.
Gold Ext.—Cassel Gold Extraction Co., Ltd., 179 Pender St.

VANCOUVER—Continued.
Principal office, 108a Hope St., Glasgow, Scotland. James Clark, pres.; H. A. Jones, treas. and gen. mgr. Cap. stk., $1,500,000; $1,000,000 pd. up. Own mines in various portions of the world.
Qsr.—Cinnabar Mining Co. of British Columbia, Ltd. A. G. Ferguson, pres.; R. G. Tatlow, v. pres.; C. C. Bennett, secy.; F. C. Innes, man'g dir. Cap. stk., $100,000; $60,000 pd. up. Quicksilver. Mine at Savonas.
Gold—Dominion Developing & Mining Co., Ltd., 411 Cordova St. Jonathan Miller, pres.; Jno. Hendry, New Westminster, v. pres.; J. J. Banfield, secy. Cap. stk., $500,000; $20,000 pd. up. Object, securing options on and prospecting mineral claims.
Gold—Fraser River Mining & Dredging Co. Cap. stk., $2,500,000. Lease from Crown of bed of Fraser River at Lytton. Dredges. Trial made last November. Operations suspended.
Gold—Golden Era Mining Co. Cap. stk., $8,000.
Gold—Granite Creek Gold Mining Co. (R. C. Campbell-Johnston et al.) Mines at Granite Creek.
M.E.Met.C.—W. Pellew Harvey, Mining Engineer and Metallurgical Chemist.
Gold—Homestead Gold Mining Co.
Gold—Horse Fly Hydraulic Mining Co., Lfd. J. M. Browning, pres.; Pierce Lloyd, secy.; J. B. Hobson, gen. mgr. Cap. stk., $200,000, pd. up. Mine at Horse Fly, Cariboo Dist.
Gold—Islander Gold Quartz Mining & Milling Co. Cap. stk., $100,000.
Gold—Kanaka Bar Gold Dredging Co. Lease of Fraser River at Kanaka Bar.
Gold—H. Keefer.
G.S.C.—Kootenay Gold, Silver & Copper Mining Co. Cap. stk., $100,000.
Gold—Lightning Creek Gold Gravels and Drainage Co, Ltd. Cap. stk., $1,000,000.
Gold—Maud Hydraulic Mining Co., Ltd. Granville St. J. M. Buxton, pres. and gen. mgr.; Chas. Wilson, Q. C., v. pres.; A. E. Kealy, secy. and treas. Cap. stk., $25,000; $22,500 pd. up. Mine at Quesnelle Forks.
Gold—Montreal & British Columbia Prospecting & Promoting Co. Cap. stk., $20,000, pd. up.
Gold—Montreal Hydraulic Gold Mining Co. of Cariboo. Cap. stk., $250,000, $150,000 pd. up.
Silv.—North Star Mining Co. Cap. stk., $100,000. Silver.
Gold—Prince Albert Flat Hydraulic Mining Co.
Gold—Similkameen Gold & Platinum Mining Co.
Gold—Siwash Creek Bed Rock Flume Co.
Gold—Siwash Creek Gold Mg. Co.
Gold—Stevenson Gold & Platinum Hydraulic Mining Co. Placer claim at Granite Creek.
Gold—Styne Creek Consolidated Gold Gravels Co. Cap. stk., $200,000.
Lime—Texada Lime Co.
Lime—Vancouver San Juan Lime Co. Lime-kilns. Steam.
Gold—Similkameen Gold Gravels Exploration and Mining Co. Cap. stk., $100,000; $33,375 pd. up. Placer ground on Similkameen River. (Granite Creek.)
Gold—Van Winkle Consolidated Hydraulic Mining Co. Claims at Van Winkle Bar, via Barkerville, Cariboo Dist.
Gold—Vancouver Enterprise Mining Co. Claims at Lillooet. (Idle.)
Gold—Vancouver Gold and Silver Exploration and Concessions Co. Cap. stk., $500,000.
Stone—Vancouver Stone Quarrying, Mining & Transportation Co. Sandstone.
Gold—Wycott Hydraulic Mining Co.

VAN WINKLE, Cariboo Dist. Ry. Ashcroft, 114. Banking town Kamloops.
Gold—Wm. Beattie.
Gold—Big Bonanza Co.
Gold—Coyne Mining Co. (Placer ground; leased.)
Gold—Jos. Donavan.
Gold—David Edwards.
Gold—Harry Jones.
Gold—Justice Mining Co.
Gold—A. Montgomery.
Gold—Robt. Poutchard.
Gold—John Reed.
Gold—Snowden Mg. Co.
Gold—South Wales Lease Co. W. C. Price, secy.; H. Jones, gen. mgr. and supt. Cap. stk., $18,000. South Wales mine. Gravel placer. Shaft, 81 ft.; slope, 150 ft.; 275 days; 10 employes. Water.
Gold—W. L. White.
Gold—John A. Yeates.

VERNON, Yale Dist. Ry. 114.
Gold—Swan Lake Mining Co.

VICTORIA, Victoria District. (Vancouver Island.) Pop. 20,000. Ry. Vancouver, 114; 357.
Gold—Alice & Emma Mining Co.
G.S.—American Development Co., Ltd., 171 La Salle St., Chicago.
Gold—Bear Lake Consolidated Mining Co. Cap. stk., $500,000.

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VICTORIA—Continued.
M.E.—James Brady, Mining Engineer. Dominion and Provincial Land Surveyor.
A.B.C.Coal—British Columbia Coal, Petroleum & Mineral Co., Ltd., 45 Fort St. Col. Jas. Baker, M. P. P., pres.; Col. E. G. Prior, M. P., v. pres.; F. B. Pemberton, secy. Cap. stk., $4,000,000. 11,169 acres of coal lands in Crows Nest Pass, East Kootenay Dist.
Prov.Min.—W. A. Carlyle, M. E., Provincial Mineralogist. (Late professor in mining and metallurgy at McGill University, Montreal.)
Gold—Consolidated Gold Mining Co. Jas. Dunsmuir, pres.; Thomas Dunn, Vancouver; B. H. Johns, David Oppenheimer, Vancouver, and Henry Saunders, directors. Cap. stk., $500,000. Mines at Mineral Creek via China Creek, Alberni.
Barr.—Crease & Crease, Barristers at Law. Temple Bldg. Compilers of the Laws of British Columbia for the RECORD.
B.Coal—Crow's Nest Coal Co.
B.Coal—Robert Dunsmuir & Sons. James Dunsmuir, pres. Mines at Wellington.
Stone—Haddington Island Stone Quarry Co. Quarry at Haddington Island.
Stone—Koksilah Quarry Co. Quarry at Koksilah.
G.S.L.—Lanark Consolidated Mining & Smelting Co. Gold, silver and lead. Mines at Illicillewaet.
Stone—McGregor & Jeeves. Sandstone quarry at Haddington Island.
Gran.—Nelson Island Granite Co. Quarry on Nelson Island.
Silver—New Eureka Silver Mining Co., Ltd., 48 Langley St. Geo. A. Sargison, secy. Cap. stk., $150,000; $80,000 pd. up. Mine at Hope.
B.Coal—North Saanich Coal Co., 28 Broad St. T. W. Paterson, pres. and gen. mgr.; E. B. Marvin, v. pres.; Beaumont Boggs, secy., treas. and buyer. Bank of Montreal, bankers. Cap. stk., $25,000. Saanich mine. Shaft, 20 ft. Tunnel.
Barr.—C. C. Pemberton, Barrister at Law, 52 Langley St. Solicitor and notary public.
Gold—Quesnelle Forks Canal & Hydraulic Mining Co.
Lime—Saanich Lime Co. Lime pits and kilns at Saanich.
Silver—Silver Queen Mining Co., Ltd., 64 Yates St. Geo. W. Stephens, pres.; Wm. Dalby, v. pres.; Fred J. Claxton, secy.; Geo. W. Stephens, Jr., treas.; Jos. E. Boss, gen. mgr. Mine at Nelson.
Silver—Thunder Hill Mining Co.
B.Coal—Union Colliery Co. of British Columbia, Limited. James Dunsmuir, president. Mines at Comose.
Gold—Wolf Hill Mines Co., Ltd. Cap. stk., $100,000.

WANETA, West Kootenay Dist. Ry. 210; 575. Banking town Nelson.
Gold—Kootenay Hydraulic Mining Co., 714 Wilder Bldg., Rochester, N. Y. Placer mine. Water.

WELLINGTON, Nanaimo Dist. Pop. 1,000. Ry. 292. Banking town Nanaimo.
B.Coal—Robert Dunsmuir & Sons, Victoria. Wellington Nos. 1, 3, 4, 5 and 6, and East Wellington Nos. 1 and 2 mines. Shafts, 350,000 tons; 300 days; 1,024 employes. 5 miles Ry.; 6 locomotives; 250 coal cars; 13 stationary engines; 9 steam pumps. Wharfage for loading vessels at Departure Bay, Nanaimo.
M.E.—Joseph Hardy, Mining Engineer. Specialty: Coal Mining.
B.Coal—Wellington Coal Co.

WILLIAMS CREEK, Cariboo Dist. P.O. Barkersville. Ry. Ashcroft, 114.
Gold—Boyce & Taylor.

WILLOW RIVER, Cariboo Dist. P.O. Barkersville. Ry. Ashcroft, 114.
Gold—Willow River Hydraulic Co.

YALE, Yale Dist. Ry. 114. Banking town New Westminster.
Gold—Anglo-American Mining Co. Placer. Hydraulic.
Gold—British Columbia Gold Dredging Co., Vancouver. Dredger, 3,500 cub. yds. daily cap.; 12 employes. Lease of bed Fraser River.
Gold—Columbia Mining Co. Hill's Bar Flat. Placer. Hydraulic.
Gold—Fraser River Gold Gravel Syndicate
Gold—Gold Bar Mining Co.
Gold—Hager & Gardner. Placer. Eight Mile Hill. Flumes and ditches. (Developing.)
Gold—Ottawa Hydraulic Mining and Milling Co., North Bend. Cap. stk., $250,000. (Captain Gardner.) Placer claims at Boston Bar, Fraser River. Bench diggings; 3 miles flume; 1,800 ft. 22 in. and 1,000 ft. 15 in. pipe; water pressure, 256 ft.
Gold—Queen Mining Co.
Gold—Scott Hydraulic Mining Co.
Gold—Lewis Stenger.
Gold—Whatcom Gold Mining Co.
Gold—Yale Gold Mining Co.

MANITOBA

BRANDON, Selkirk Dist. Pop. 3,778. M.O. Tel. Ry. 114; 617.
C.E.Sur.—H. G. Dickson, D.L.S., Civil Engineer and Surveyor. Association of Dominion Land Surveyors, Ottawa; Association of Provincial Land Surveyors, Winnipeg.
Marb.—Henry Wheeldon. Marble.

KILLARNEY, Selkirk Dist. Pop. 200. M.O. Tel. Ry. 114.
B.Coal—D. Hyslop.

NEEPAWA, Macdonald Dist. Ry. 114.
Lead—John Wemyss.

PORTAGE LA PRAIRIE, Marquette Dist. Pop. 3,363. M.O. Tel. Ry. 114; 498.
Marb.—Samuel Raymer. Marble.

STONEWALL, Lisgar Dist. M.O. Tel. Ry. 114.
Stone—Enoch Williams.

WINNIPEG. Pop. 25,277. M.O. Tel. Ry. 114; 617.
C.E.Sur.—Robert Bourne, Civil Engineer and Dominion Land Surveyor.
Stone—Bowles, Gunn & Co., 416 Main St. Cap. $42,000. Stonewall quarry. Limestone; 2,000 cords; 210 days; 30 employes.
WINNIPEG—Continued.
Stony Mountain quarry. Limestone; 1,800 cords; 210 days; 30 employes.
Barr.—Isaac Campbell, Q.C. Hough & Campbell, Barristers-at-Law, etc.
G.S.—Canada North West Land Co., Ltd. Gold and silver.
B.Coal—Dominion Coal, Coke & Transportation Co.
C.E.Sur.—W. A. Ducker, Dominion and Provincial Land Surveyor and Civil Engineer, 334 Pacific Ave.
C.E.Sur.—J. W. Harris, Civil Engineer and Surveyor. Dominion and Provincial Land Surveyor, City Surveyor, and Assessment Commissioner.
Marb.—Samuel Hoops. Marble.
Barr.—J. Stanley Hough, Q.C., Hough & Campbell, Barristers, etc.
Barr.—Hough & Campbell (J. Stanley Hough, Q.C., Isaac Campbell, Q.C.), Barristers, Solicitors, etc., McIntyre Block. Solicitors for the corporation of the City of Winnipeg and the Bradstreet Company. Compilers Laws of Manitoba for the RECORD.
Gold—Hudson Bay Land Dept.
Stone—Kelly Bros.
Smlt—Kootenay Smelting & Trading Syndicate.
Gold—Ontario Mining Co.
G.S.—Ontario & Qu'Appelle Land Co. Gold and silver.
B.Coal—Qu' Appelle, Long Lake & Saskatchewan Railway Co.
B.Coal—Scottish Manitoba & North-West Real Estate Co.
B.Coal—Scottish Ontario & Manitoba Loan Co.

NEW BRUNSWICK

BATHURST, Gloucester Co. Pop. 1,500. M.O. Tel. Ry. 118.
Iron—Ellis, Payne & Co.
Iron—W. R. Payne.

CAPE BALD, Westmoreland Co. Pop. 400. Ry. Shediac, 387.
Stone—Northumberland Stone Co., Shediac. Cape Bald quarry. Sandstone.

CHATHAM, Northumberland Co. Pop. 5,000. M.O. Tel. Ry. 112.
B.Coal—Gillespie & Sader.

COAL CREEK, Queens Co. Ry. Pennlyn, 132.
B.Coal—Grand Lake Coal Co.

DALHOUSIE, Restigouche Co. Pop. 800. M.O. Tel. Ry. 387.
B.Coal—Charles Powell.

FAIRVILLE, St. John Co. Pop. 1,500. M.O. Tel. Ry. 114.
Lime—Randolph & Baker.

FLOWERS COVE, Queens Co. Pop. 25. Ry. 758.
B.Coal—S. J. Green.

FREDERICTON, York Co. Pop. 6,502. M.O. Tel. Ry. 112; 114.
B.Coal—New Brunswick Coal Co.
B.Coal—New Brunswick & Nova Scotia Land Co.

GREEN HILL, York Co. Ry. Cross Creek, 112.
Stone—Henry Walton.

HILLSBOROUGH, Albert Co. Pop. 300. M.O. Tel. Ry. 786.
Gyp.—Albert Manufacturing Co. Hon. Jas. G. Lindsay, pres.; C. J. Osman, secy., treas. and gen. mgr. Cap. stk. $350,000. Open quarries. Gypsum. 55,000 tons; 275 days; 200 employes. Steam. Seven miles of tramway. 75 horse cars.
C.Coal—Baltimore Coal Mining & Ry. Co., Salisbury, N.B. Baltimore mine. Slopes. Carmalite shale.

HOPEWELL, Albert Co. Ry. Hopewell Hill, 786.
Stone—New Brunswick Freestone Co.

LOWER WAKEFIELD, Carleton Co. Pop. 50. Ry. 114.
Silv.—Brilton Mining So. Silver.
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MONCTON, Westmoreland Co. Pop. 8,763. M.O. Tel. Ry. 387; 546.
G.S.—Mild Brook Mining & Reduction Co., Ltd. Gold and silver.
Stone—Moncton Freestone Co.
Stone—G. P. Sherwood & Co., New York. Moncton quarry. Sandstone. 150 days; 5 employes. Horse. Thos. C. Dobson, quarry supt.

MUSQUASH, St. John Co. Pop. 783. M.O. Tel. Ry. 818.
B.Coal—G. G. Carman. (Local.)
B.Coal—F. S. Clinch. (Local.)

NEWCASTLE, Northumberland Co. Pop. 3,000. M.O. Tel. Ry. 387.
Stone—Charles Fish. French Fort quarry. Olive sandstone. Steam.
B.Coal—Conklings Coal Mines.
B.Coal—Fullerton Coal Mines.
B.Coal—Green & Co.
B.Coal—O'Leary Coal Mines.

NEW ZION, Sunbury Co. Ry. Chipman, 132.
B.Coal—Wellington Green.

PLUMWESEEP, Kings Co. Pop. 50. Ry. 387.
Salt—G. W. & C. Hendricks.

PROSSER BROOK, Albert Co. Pop. 25. Ry. Elgin, 281.
B.Coal—Hiram Wilson. (Local.)

ST. ANDREWS, Charlotte Co. Pop. 7,078. M.O. Tel. Ry. 114.
B.Coal—St. Andrews Land Co.
Gran.—R. A. Stuart. Steen Lake quarry. Black agate granite. 5 employes.

ST. GEORGE, Charlotte Co. Pop. 2,757. M.O. Tel. Ry. 818.
Gran.—Epps, Dodds & Co. Goss Red Granite quarry. 300 tons; 200 days; 7 employes. Steam and horse. Stone mill. Henry Meating, quarry supt.
Gran.—Milne, Coutts & Co. Granite.
Gran.—New Brunswick Red Granite Co.
Gran.—Taylor Bros. Granite.
Gran.—Tayte, Meating & Co. Jos. Meating, v. pres.; N. Meating, secy., treas., gen. mgr. and buyer. Cap. stk. $12,000. Lilly Lake quarry; 25,000 ft.; 260 days; 40 employes. Water. Granite mill. A. R. Taylor, quarry supt.

ST. JOHN, St. John Co. Pop. 39,179. M.O. Tel. Ry. 114; 387; 818.
St.Lime—Armstrong Lime Co., Ltd. Wm. Murdoch, pres.; Francis Armstrong, v. pres. and gen. mgr.; Andrew D. Armstrong, secy. and treas. Cap. stk. $30,000, pd. up. Limestone. Lime kilns. 30,000 bbls.; 230 days; 12 employes. F. W. Armstrong, quarry supt.
Roll.M.—I. & E. R. Burpee. Rolling mill.
B.Coal—Canada Coal Co.
B.Coal—Joggins Coal Mining Association. Mines at Joggins, N. S.
B.Coal—R. P. McGovern.
B.Coal—Musquash Anthracite Coal Mining Co.
Roll.M.—Portland Rolling Mills Co.
St.Lm.—Purdy & Green, Main St. D. J. Purdy, gen. mgr. and buyer. Cap. stk. $10,000, pd. up. Limestone. Lime kilns. 50,000 bbls.; 270 days; 12 employes. Steam.
B.Coal—E. Riley.

ST. MARTINS, St. John Co. Pop. 400. M.O. Ry. 132.
Mang.—Brunswick Manganese Co., 81 Devonshire St., Boston, Mass. Open pit; 1,100 tons; 10 employes. Steam. Stone-crusher, 125 tons daily capacity.

SACKVILLE, Westmoreland Co. Pop. 1,500. M.O. Tel. Ry. 387; 580.
B.Coal—J. T. Allison Co.

SALISBURY, Westmoreland Co. Pop. 200. M.O. Tel. Ry. 111; 387; 786.
C.Coal—Baltimore Coal Mining & Ry. Co. Chas. Archibald, pres.; Warren Taylor, v. pres.; W. F. Wortman, secy. and treas. Cap. stk. $300,000, $75,000 pd. up. Carmalite shale. Mine at Hillsborough, N. S.

SHEDIAC, Westmoreland Co. Pop. 500. M.O. Tel. Ry. 387.
Stone—Northumberland Stone Co. Wm. B. Deacon, pres.; Jas. Frier, v. pres.; W. A. Russell, secy. and treas.; Foster Pickard, mgr. Cap. stk. $10,000, $6,000 pd. up. Sandstone quarry at Cape Bald.

SOUTH BAY, St. John Co. Ry. 114.
Lime—A. D. Bonnell.
Lime—F. Burnhill.
Lime—Wm. Lowery.
Lime—I. & F. Stevens.

STONEHAVEN, Gloucester Co. Tel. Ry. 118.
Stone—Joseph Reed & Co. Stonehaven quarries. Grindstones.

THREE BROOKS, Victoria Co. Pop. 25. Ry. Andover, 114.
Lime—J. W. Arbuckle.
Cemt.—I. & T. Edgar. Cement.

WATERVILLE, Carleton Co. Ry. Upper Woodstock, 114.
Cemt.—E. A. Whitney. Cement.

WELSFORD, Queens Co. Pop. 150. M.O. Tel. Ry. 114.
Gran.—Welsford Red Granite Co.

WEST QUACO, St. John Co. Pop. 100. Ry. St. Martins, 132.
Mang.—West Quaco Manganese Mines.

WOOD POINT, Westmoreland Co. Pop. 150. Ry. Sackville, 387.
Stone—Atlantic Stone Co.

WOODSTOCK, Carleton Co. Pop. 3,288. M.O. Tel. Ry. 114.
G.S.—Eureka Mining Co., Ltd. Gold and silver.

NEWFOUNDLAND

GRAVELS PORT-AU-PORT, West Coast.
Asb.C.—Newfoundland Mineral Syndicate, Ltd., Blenheim House, London, Eng. Robert Belben, pres.; Edgar Eavy, secy.; W. Bradbeer, treas.; P. F. Holden, M.E., gen. mgr. and buyer. Cap. stk. $80,000 pd. up. Asbestos, 20 tons, and Chromite. Mine opened 1895.

LITTLE BAY.
B.Coal—Newfoundland Coal Mining Co.

NIPPERS HARBOUR.
Copp.—Newfoundland Copper Mining Co.

PILLEYS ISLAND.
Iron—Pyrites Co., Ltd., 63 Cornhill, London, Eng. T. H. C. Levick, secy.; Fred Levick, treas., mgr. and buyer. Cap. stk. $675,000. Shafts, 300, 500 and 700 ft.; 40,000 tons. Steam.
Iron—Standard Pyrites Co.

PORT AU PORT.
Asbs.—Asbestos Co. of Newfoundland.

ST. JOHN'S. M.O. Tel.
Asbs.—Cleary's Asbestos Co.

TILT COVE.
Copp.—Tilt Cove Copper Co., Ltd.

NORTH-WEST TERRITORIES

ANTHRACITE, Alberta Ter. Pop. 300. Tel. Ry. 114. Banking town Calgary.
A.Coal—Canadian Anthracite Coal Co. Stewart mine. Tunnel. Steam.
A.Coal—H. W. McNeill Co., Ltd. Slopes. Steam. Breaker.

CALGARY, Alberta Ter. Pop. 3,876. M.O. Tel. Ry. 114.
Barr.—W. L. Bernard, Barrister at Law, Stephen Ave. Advocate and Notary Public in and for the North-West Territories. Collections and Loans a specialty. Compiler of the Laws of North-West Territories for the RECORD.
B.Coal—Canadian Agricultural, Coal & Colonization Co.
B.Coal—Canadian North-West Coal Syndicate.
Stone—W. H. Cushing.
Stone—J. G. McCallum. Elbow River quarry. Sandstone; 40,000 cords; 160 days; 20 employes. Steam.
Stone—J. McIntosh.
Stone—S. A. Ramsay. Sandstone; 500 cords.

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CLOVER BAR, Alberta Ter. Ry. Edmonton, 114. Banking town Calgary.
Gold—H. N. Gibson.
B.Coal—Owen Osburn. (Local.)
B.Coal—Phil. Ottowell. (Local.)
Gold—Alex. Robertson. Placer.

FORT SASKATCHEWAN, Alberta Ter. Pop. 200. M.O. Tel. Ry. Edmonton, 114.
Gold—Israel Adam.
Gold—John B. Beaupre.
Gold—Geo. Bourk. Placer. Water.
Gold—Thomas Burleigh.
Gold—James Dandy.
Gold—Israel Lamoreaux.
Gold—R. H. Mennis.
Gold—Baptiste Pilion.

GULL LAKE, Assiniboia Ter. Pop. 50. Tel. Ry. 114.
B.Coal—Sir John Lister Kaye, Bart.

KNEE HILL VALLEY, Alberta Ter. Ry. Innisfail, 114.
B.Coal—Barclay Bruce. (Local.)

LETHBRIDGE, Alberta Ter. Pop. 1,200. M.O. Tel. Ry. 12; 114. Banking town Medicine Hat.
B.Coal—Alberta Railway & Coal Co. Shafts. Tunnels. Steam.
Stone—Colpman Bros.
B.Coal—Cowdery Bros. Shawn mine. Open pit.
B.Coal—Galt Coal Co.
Stone—Howard Bros.
B.Coal—Shearan Mining Co.
B.Coal—Stone & Wilson.

MOOSEJAW, Assiniboia Ter. Pop. 900. M.O. Tel. Ry. 114. Banking town Regina.
B.Coal—I. G. Gordon.
B.Coal—North-West Land Co.

PINCHER CREEK, Alberta Ter. Pop. 100. M.O. Ry. and Banking town Fort Macleod, 114.
B.Coal—Andrew Christie. Christies mine. Tunnel.
B.Coal—W. E. Stone.
B.Coal—Francis Willock. Standby mine. Tunnel. (Local.)

NOVA SCOTIA

ACADIA MINES, Colchester Co. M.O. Tel. Ry. Londonderry Station, 387.
Stone—Lanark Limestone Quarry.
Iron—Londonderry Iron Co., Ltd., Montreal. East and West mines. Hematite and limonite ore. Shaft. Steam.

AMHERST, Cumberland Co. Pop. 3,731. M.O. Tel. Ry. 387.
Marb.—S. B. Andres & Co. Marble.
B.Coal—Consolidated Scotia Coal Co., Ltd., Lawrence St. T. J. Copp, pres.; C. R. Smith, secy.; J. T. Smith, treas. and gen. mgr. Mine at Maccan.
Stone—F. Freeman & Co.
Marb.—McGrath & Dixon. Marble.

ANTIGONISHE, Antigonishe Co. M.O. Tel. Ry. 387.
Gold—Antigonishe Gold Mining Co.
Marb.—J. A. Walker. Marble.

BADDECK, Victoria Co. Pop. 500. M.O. Tel. Ry. Iona, 387.
Marb.—D. Hutchison. Marble.
Gyp.—Victoria Gypsum Mining & Manufacturing Co., Ltd. Wm. Gibson, Williamsport, Pa., pres.; J. C. Fender, Chester, Pa., treas.; W. F. McCurdy, M. E., resident mgr. Cap. stk. $100,000. Eagle, Alabaster and McKinzie quarries. 15,000 tons. Steam. Operate 2 miles ry.; 1 locomotive; 30 cars. Also quarry at St. Anns.

BEAR RIVER, Digby Co. M.O. Tel. Ry. 259.
Marb.—D. Rice. Marble.

BEAVER BROOK, Colchester Co. Pop. 100. Ry. Truro, 387.
Lime—John Marshall.

BELLEVILLE, Yarmouth Co. Ry. 259.
Stone—Belleville Freestone Quarry.

BIG HARBOUR, Victoria Co. Ry. Iona, 387.
Lime—T. W. McCurily.

BRIDGETOWN, Annapolis Co. Pop. 800. M.O. Tel. Ry. 259.
Marb.—T. Dearness. Marble.

BRIDGEWATER, Lunenburg Co. M.O. Tel. Ry. 622.
Marb.—A. J. Drysdale. Marble.
Gold—Malaga Gold Mining Co.

BROAD COVE, Inverness Co. Pop. 300. Ry. 358a.
B.Coal—Broad Cove Coal Co., Ltd., Boston, Mass. Broad Cove mine. Tunnels, 280, 700 and 100 ft. Operate steamers and sailing vessels.

BROOKFIELD, Colchester Co. M.O. Tel. Ry. 387.
B.Coal—R. McGraham.

CALEDONIA MINES, Cape Breton Co. Pop. 500. Ry. Little Glace Bay, 845.
B.Coal—Caledonia Coal & Railway Co. Caledonia mine. Shaft. Steam and compressed air.

CARIBOO GOLD MINES, Halifax Co.
Gold—Cariboo Gold Mining Co., Halifax.
Gold—Dixon Gold Mine.
Gold—Lake Lode Gold Mining Co.
Gold—Robt. Wright.
Gold—Caffrey Gold Mining Co.

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CARIBOO GOLD MINES—Continued.
Gold—W. A. Sanders, M. E. Cap. $30,000. Lake Lode mine. Shaft, 700 ft.; tunnel, 600 ft. Free ore. 9,000 tons; 312 days; 30 employes. Steam. Stamp mill, 10 tons daily capacity.
G.S.—L. L. Wadsworth. Gold and silver.

CENTRE RAWDON, Hants Co. P.O., banking town and Ry. Windsor, 259.
Gold—Central Rawdon Mining Co., Ltd., Windsor. Central Rawdon mine. Shaft, 85 ft. Tunnel, 100 ft. Free ore. (Idle.)

CHEVERIE, Hants Co. Pop. 150. M.O. Ry. Newport Station, 259.
Lime—Burgess Bros.

EAST BAY, Cape Breton Co. Pop. 125. Ry. Sydney, 387.
B.Coal—East Bay Coal Co.

ELMSDALE, Hants Co. Pop. 200. Tel. Ry. 387.
Gold—Elmsdale Gold Mining Co.

FERRONA JUNCTION, Pictou Co. Tel. Ry. 387.
Iron—New Glasgow Iron, Coal & Railway Co. East River mine. Brown and red hematite ore. Slope, shafts, open pit. Steam.
B.Fur.—Nova Scotia Steel Co. Blast furnace.

FIFTEEN MILE STREAM, Halifax Co. Ry. Lorne, 387.
Gold—L. McLean.
Gold—New Edgerton Gold Mining Co., New Glasgow. New Edgerton mine. Shaft. Free ore. Steam.
Gold—Jos. Sonea.

GLACE BAY, Cape Breton Co. P.O. Little Glace Bay, 845.
M.E.—William Blakemore, Stirling House. Mining Engineer. Practical Geologist.

GOLDENVILLE, Guysborough Co. Pop. 300. Ry. Sherbrooke, 40.
Gold—Aberdeen Gold Mining Co.
Gold—Malcolm Cameron. Wellington, Palmerston and Grape Vine mines. Shafts, tunnels. Free ore. Steam, water.
Gold—Canada Gold Mining Co.
Gold—Goldenville Gold Mining Co.
Gold—Hirschfeld & McQuarrie. Geo. A. Hirschfeld, gen. mgr. and buyer. McRay mine. Shaft, 70 ft. Tunnel, 18 ft. Free ore. 4 employes. Horse.
Gold—Pactolus Gold Co.
Gold—Sherbrooke Gold Mining Co.
Gold—Stanley Co. South mine. Free ore. Geo. A. Hirschfeld, mine supt. (Developing.)
Gold—Stellarton Gold Mining Co., New Glasgow. Wentworth and Canada mines. Shaft, 130 ft. Free ore. Steam and water. Stamp mill, 15 tons daily capacity. Geo. A. Hirschfeld, mine supt.
Gold—Sutherland Mining Co.

HALIFAX, Halifax Co. Pop. 38,556. M.O. Tel. Ry. 259; 387.
Gold—Anderson Gold Mine.
Marb.—Wm. Bishop. Marble.
Gold—J. H. Anderson.
Attys.—Borden, Ritchie, Parker & Chisholm, Barristers at Law, Hesslein's building, 119 Hollis street. Compilers Laws of Nova Scotia for the RECORD.
St.Lm.—Bras D'Or Lime Co., Ltd., 161 Hollis St. Dr. H. H. Read, pres.; A. Frazer, secy., treas. and buyer; D.

HALIFAX—Continued.
MacLachlan, mgr. Cap. stk. $50,000, pd. up. Quarry at Marble Mountain.
Gold—Cariboo Gold Mining Co. Mines at Cariboo Gold Mines.
Gold—Cochrane Hill Gold Mining Co.
Gold—Consolidated Gold Mining Co.
M.E.—Alexander Dick. Civil and Mining Engineer. P.O. Box 96. Lecturer on Mines and Mining for the Government of Nova Scotia. Expert on the Coal and Metalliferous Industries of the Maritime Provinces. Examines and reports on Mineral lands.
B.Coal—Dominion Coal Co., 50 Bedford Row.
B.Coal—Glace Bay Mining Co. Mine at Little Glace Bay.
Gold—Gue & Wilson, 129 Hollis St. Mine at Waverly.
Gold—Golden Lode Mining Co.
Asbs.—Halifax Asbestos Co.
Phos.—Jack & Bell. Phosphate.
As.Met.—F. H. Mason, Assayer, Analytical Chemist and Metallurgist, Queen Bldg.
Gold—Mooseland Gold Mining Co., Ltd., 94 Granville St. Thos. Brown, pres.; W. C. Northup, v. pres.; M. Brown, secy. and treas.; H. G. Stemshorn, gen. mgr. Cap. stk. $100,000, pd. up. Mine at Mooseland.
M.E.—Joseph A. Pushie, Mining Engineer.

HANTSPORT, Hants Co. M.O. Tel. Ry. 259.
Iron—E. Churchill & Son.

HENNIGAR, Hants Co. Pop. 150. Ry. 387.
Lime—T. Fox.

ISAAC'S HARBOUR, Guysborough Co. Pop. 500. M.O. Ry. Antigonishe, 387.
Gold—Dolliver Mountain Mining Co. Dolliver Mountain mine. Shaft, 60 ft. Free ore. 20 employes. Electricity and steam. (Developing.)
Gold—Palgrave Gold Mining Co., Portland, Me. Palgrave mine. Shafts, tunnel. Free ore. Stamp mill. Steam.
Gold—Richardson Gold Mining Co., Ltd. Geo. A. Pyke, pres.; J. W. Crichton, secy.; C. F. Andrews, M. E., gen. mgr. and buyer. Cap. stk. $50,000, pd. up. Richardson mine. Shaft 160 ft.; tunnel 520 ft. Free ore 10,000 tons; 300 days; 40 employes. Twenty-stamp mill; 30 tons daily capacity. Steam. Gardner McKenzie, mine supt.
Gold—Rockland Gold Mining & Milling Co.

JOGGINS MINES, Cumberland Co. Pop. 250. Ry. 387.
B.Coal—Phoenix Coal Co.
Stone—A. Seaman & Co.
B.Coal—Canada Coals & Ry. Co., Ltd. Sam. Finley, pres.; A. F. Gault, v. pres.; A. G. Watson, secy. and treas.; A. Dick, gen. mgr. and buyer. Joggins mine. Slope 2,300 ft.; 120,000 tons; 300 days; 350 employes. Steam. Operate 12 miles Ry.; 2 locomotives; 8 cars.

KEMPTVILLE, Yarmouth Co. Pop. 25. Ry. 259.
Gold—Kempt Gold Mining Co., Yarmouth. Kempt mine. Shafts. Tunnel 150 ft. Free ore; 900 tons; 300 days; 10 employes. Ten-stamp mill, 5 tons daily capacity. Steam. W. H. Nass, M. E., supt.
Gold—G. Randall.

KENTVILLE, Kings Co. Pop. 1,686. M.O. Tel. Ry. 259.
C.E.—P. L. A. Price, Civil Engineer.
Marb.—Walker & Hanson. Marble.
Gold—B. C. Wilson. Mine at Waverly.

LAWSON MINE, Cumberland Co. Ry. 387.
Gold—J. T. Smith.

LITTLE GLACE BAY, Cape Breton Co. Pop. 1,600. M.O. Tel. Ry. 845.
B.Coal—Glace Bay Mining Co., Ltd., Halifax. Little Glace Bay mine. Shaft.

LITTLE HARBOUR, Pictou Co. Pop. 200. Ry. New Glasgow 387.
Stone—Robt. McNeil. Grindstone.

LIVERPOOL, Queens Co. Pop. 2,465. M.O. Tel. Ry. Bridgewater, 622.
Marb.—Thomas Judge. Marble.

LORWAY MINES, Cape Breton Co. Pop. 500. Ry. Bridgeport 845.
B.Coal—Sydney & Louisburg Coal Co.

LOWER COVE, Cumberland Co. Ry. Joggin Mines 387.
Stone—Atlantic Stone Co., Boston, Mass. Lower Cove quarry. Sandstone. Mill. Steam.

LOWER MEAGHER'S GRANT, Halifax Co. Ry. Shubenacadie 387.
G.S.—Dunbrack & Kerr. Gold and silver. Mine at Musquodoboit Harbour.

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LOWER SACKVILLE, Halifax Co. Ry. Beaver Bank 259.
Gold—Calkins, Kerr & Ellis.

M'PHERSON, Antigonishe Co. Pop. 154. R. South River 387.
Marb.—James Mills. Marble.

MABOU HARBOUR, Inverness Co. Pop. 150. Ry. Mabou 358a.
Gyp.—Mabou Coal & Gypsum Co., Ltd. Mabou mine. Slope. Water.

MACCAN, Cumberland Co. Pop. 400. M.O. Tel. Ry. 387.
B.Coal—Amherst Coal Mining Co.
B.Coal—Consolidated Scotia Coal Co., Ltd., Lawrence St., Amherst. Maccan mine. Slope 135 ft. 8 employes. Steam. J. T. Smith, mine supt.
B.Coal—Lawson Mining Co.

MAITLAND, Hants Co. Pop. 270. Tel. Ry. 58b.
B.Coal—Douglass Coal Mining Co.

MALAGA GOLD MINES, Queens Co. Ry. Barss Corners 622.
Gold—Boston Gold Mining Co. Boston mine. Tunnel. Slope. Free ore. 10-stamp mill. Steam.
Gold—R. McLeod.
G.S.—Malaga Mining Co. Gold and silver.
G.S.—Minneapolis Mining Co. Gold and silver.
Gold—C. A. Wade.

MARBLE MOUNTAIN, Iverness Co. Pop. 25. Ry. River Dennis 387.
Stone—Bras d'Or Lime Co., Ltd., 161 Hollis St., Halifax. Marble Mtn. quarry. Limestone. Lime kilns; 60,000 barrels annual output.

MIDDLE STEWIACKE, Colchester Co. M.O. Ry. Brookfield 387.
Gold—J. J. Brenton.
Stone—R. Fisher.
Stone—Wm. Putman.
Stone—Samuel Pyke.
Gold—Henry Smith.
Stone—John Taylor.

MILFORD HAVEN BRIDGE, Guysborough Co. Pop. 150. Ry. Guysborough 40.
G.S.—Thos. McDonald. Gold and silver.

MINUDIE, Cumberland Co. Ry. 387.
Gold—Wm. Hall.

MONTAGUE GOLD MINES, Halifax Co. Pop. 400. Ry. Halifax 259; 387.
Gold—Nova Scotia Gold Mines.
Gold—Salisbury Gold Mining Co., Windsor. Salisbury mine. Shaft 110 ft. Free ore. Five stamp mill; 7 tons daily capacity. Steam.

MOOSELAND, Halifax Co. Pop. 105. Ry. Halifax, 259; 387.
Gold—Mooseland Gold Mining Co., Ltd., 94 Granville St., Halifax. Mooseland mine. Shaft 100 ft.; 7,200 tons; 218 days; 30 employes. Ten-stamp mill, 30 tons daily capacity. Steam.

MOOSE RIVER, Pictou Co. Ry. New Glasgow 387.
Gold—Moose River Gold Mining Co.

MOOSE RIVER GOLD MINES, Halifax Co. Ry. Shubenacadie 387.
Gold—Damas Tonquoy. Cap. $20,000. Tonquoy mine. Shaft 82 ft. Free ore; 5,000 tons; 265 days; 15 employes. Water and horse. Stamp mill 20 tons daily capacity.

MOUNT UNIACKE, Hants Co. Pop. 100. Tel. Ry. 259.
Gold—C. P. F. Mining Assn. C. P. F. mine. Open pit. 120 ft. Free ore; 5,000 tons; 260 days; 18 employes. Ten stamp mill 20 tons daily capacity. Steam. T. R. Prince, mine supt.
Gold—Phoenix Land & Development Co.

MUSQUODOBOIT HARBOUR, Halifax Co. Pop. 1,151. Tel. Ry. Halifax 259; 387.
G.S.—Dunbrack & Kerr. Gold and silver. Lower Meaghers Grant. Dunbrack silver mine. Surface tunnel 40 ft.
Gold—Oxford Gold Mining Co.
Gold—Tonquoy Gold Mines.

NEW CAMPBELLTON, Victoria Co. Tel. Ry. North Sydney 387.
B.Coal—Cape Breton Colliery.

NEW GLASGOW, Pictou Co. Pop. 3,776. M.O. Tel. Ry. 387.
Iron—Robert Chambers.
Coal—East River Coal Co.
Gold—New Edgerton Mining Co. Mine at Fifteen Mile Stream.
Gold—New Glasgow Gold Mining Co.
Gold—Stellarton Gold Mining Co. Mine at Goldenville.

NEWPORT LANDING, Hants Co. Pop. 500. M.O. Ry. Newport Station 259.
Lime—A. McDonald.

NOEL ROAD, Hants Co. Ry. Shubenacadie 387.
Lime—Joel Scott.

NORTH BROOKFIELD, Queens Co. Pop. 200. Ry. Barss Corners 259.
Gold—Brookfield Mining Associates. W. L. Libbey, treas. and gen. mgr. Brookfield mine. Incline and vertical shafts 490 ft. Refractory ore. 6,000 tons. 45 employes. Ten-stamp mill 20 tons daily capacity. Steam.

NORTH SYDNEY, Cape Breton Co. Pop. 2,513. M.O. Tel. Ry. 387.
B.Coal—General Mining Association, Ltd., Bloomfield House, London Wall, E. C., London, Eng. Directors, James Duke Hill, chairman; Sir Charles Tupper, Bart.; William Samuel Cunard and Lieut. Col. William Charles Western; E. E. Bigge, secy. Canadian agents, Carbray, Routh & Co., Montreal and Quebec. R. H. Brown, gen. mgr. and supt. Old Sydney mine. 300,000 tons.
B.Coal—Gowrie Coal Mining Co.
M.E.—John Greener, Mining Engineer. P.O. Box 103. Certificated Colliery Manager.
B.Coal—North Sydney Mining & Transportation Co., Ltd., 45 Kilby St., Boston, Mass. No. 3 and Greener mines. Level, pit and slope; 50,000 tons; 300 days. Steam. John Greener, mine supt.

OLD BRIDGEPORT MINES, Cape Breton Co. Ry. Bridgeport 845.
B.Coal—Henry Mitchell.

OLDHAM, Halifax Co. Pop. 1,200. Ry. Enfield 387.
Gold—Jacob Dowell.
Gold—Grenough Bros.
Gold—John Morrison.
Gold—Napier Mining Co. J. E. Hardman, M. E., gen. mgr. Shaft 134 ft.
Gold—P. O'Shaughnessy.
Gold—Oldham Gold Mg. Co. J. E. Hardman, M. E., gen. mgr. Baker mine. Shaft 420 ft. Free ore. Concentrator. Ten-stamp mill 30 tons daily capacity. Steam and water.
Gold—J. W. N. Reeves.
Gold—Standard Gold Mg. Co. J. E. Hardman, M. E., gen. mgr. Dunbrack mine. Shafts 470 ft. Free ore. Steam.
Gold—J. E. Vandegrift.
Gold—Ed. Whidden.

OXFORD, Cumberland Co. Pop. 150. M.O. Tel. Ry. 387.
Copp.—Spring Hill Prospecting & Mg. Co. Copper.

PARRSBORO, Cumberland Co. Pop. 1,909. M.O. Tel. Ry. 230.
Stone—T. Kirkpatrick.
Gyp.—Nova Scotia Gypsum Co.

PICTOU, Pictou Co. Pop. 2,998. M.O. Tel. Ry. 387.
B.Coal—Intercolonial Coal Mining Co., 199 Commissioners St., Montreal, Que. Drummond Colliery. Slope 4,500 ft.; 250,000 tons; 289 days; 493 employes; 20 coke ovens; 6,000 tons annual output. Operate 8 miles Ry., 2 locomotives, 120 cars. Steam. Charles Fergie, M. E., mine supt.
Stone—Adam McKean & Sons, George St. Cap. $12,000. Gray freestone.
Gold—Pictou Development & Mining Co., Ltd. Wm. McKenzie, pres.; A. I. Craig, secy. and treas.; D. A. McDonald, gen. mgr. Cap. stk. $300,000; $100,000 pd. up. Mine at Renfrew.

RAWDON, Hants Co. Pop. 250. Ry. Windsor 259.
Gold—Northup Gold Co., Windsor. Northup mine. Shaft 300 ft. Free and sulphuret ores; 3,000 tons. Steam. Stamp-mill, 20 tons daily capacity. H. F. Puttner, mine supt.

RENFREW, Hants Co. Pop. 100. Ry. Enfield 387.
Gold—Alonzo Hayward.
Gold—McDonnell & Andrews.
Gold—Pictou Development & Mining Co., Ltd., Pictou. Four shafts, 240 to 400 ft. Free ore; 2,000 tons; 35 employes. Ten-stamp mill 20 tons daily capacity. Water. D. A. McDonald, mine supt.

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ST. ANDREWS, Antigonishe Co. Pop. 1,800. M.O. Ry. Lower Settlement South River 387.
Marb.—Morrison Bros. Marble.

ST. ANNS, Victoria Co. Pop. 25. Ry. Iona 387.
Gyp.—Victoria Gypsum Mining & Manufacturing Co., Ltd., Baddeck. Matheson and McLeod quarries.

SALMON RIVER, Halifax Co. Pop. 200. Tel. Ry. 40.
Gold—Dufferin Gold Mining Co., Truro. Dufferin mine. Shafts 300 ft. Free ore. Twenty-stamp mill, 50 tons daily capacity. Water. Robt. S. Irwin, mine supt.

SHELBURNE, Shelburne Co. Pop. 1,209. M.O. Tel. Ry. 259.
Marb.—Wm. Bruce. Marble.
Marb.—Ross Wier. Marble.

SOUTH RAWDON, Hants Co. Ry. Mount Uniacke 259.
Gold—T. B. Blois.

SOUTH UNIACKE, Hants Co. Ry. 259.
Gold—Thomson & Quirk.
Gold—Withrow Gold Mining Co. Withrow mine. Slope. Free ore. 10-stamp mill. Steam.

SPRINGHILL, Cumberland Co. Pop. 1,100. M.O. Tel. Ry. 230.
B.Coal—Cumberland Ry. & Coal Co., Montreal, Que. Springhill Collieries. Slope. Operate 32 miles Ry., 8 locomotives, 244 cars, 5 barges, 1 steamer.
Lime—E. A. Potter.

SPRINGVILLE, Pictou Co. Pop. 300. Ry. Hopewell 387.
I.St.—New Glasgow Iron & Charcoal Co. McLeans quarry. Iron and limestone. Kiln.

STELLARTON, Pictou Co. Pop. 2,410. M.O. Tel. Ry. 387.
B.Coal—Acadia Coal Co., Ltd. Slope. Open pit. Seventy-five coke ovens; 26,000 tons. Also mines at Thorburn and Westville.

STILLMAN, Pictou Co. Ry. West River Station 387.
Stone—Robt. Elliott. Six Mile Brook quarry. Freestone. 50 yds. 234 days. 3 employes. Steam.
Stone—John McPherson.

STORMONT, Guysborough Co. Pop. 500. Ry. 40.
Gold—Country Harbour Gold Mines.
Gold—Mason & Co.
Gold—North Star Co.

SYDNEY, Cape Breton Co. Pop. 2,446. M.O. Tel. Ry. 387; 845.
Marb.—C. E. Crook. Marble.
B.Coal—Gardener Coal Co. Gardener mine. Shaft. Steam and electricity.
M.E.—R. H. Brown. Mining Engineer, mgr. Sydney Mines Colliery.

TENECAPE, Hants Co. Pop. 400. Ry. Newport Station 259.
Iron—Shaw & Churchill Co. Tenecape mine. Shaft. Tunnel. Steam.
Iron—J. W. Stephens.
Iron—Wm. Stephens.
Man.—Tenecape Manganese Co., Ltd., Walton. Shafts 100 and 160 ft.; tunnel 450 ft. Free ore; 1,000 tons; 250 days; 50 employes. Steam.

TORBROOK MINES, Annapolis Co. Ry. Torbrook 259.
Iron—Torbrook Iron Co., Ltd. Hon. Alexander Macfarlane, Wallace, pres.; J. P. Edwards, secy. and treas.; J. E. Leckie, M. E., gen. mgr. and buyer. Cap stk. $100,000. Torbrook mine. Shaft 375 ft. 35,000 tons. 50 employes. Steam. Three miles Ry.

TRURO, Colchester Co. Pop. 5,102. M.O. Tel. Ry. 387.
B.Coal—Colchester Coal Mining Co.
Gold—Dufferin Gold Mining Co. N. K. Archibald, pres., gen. mgr. and buyer; S. R. Tupper, secy. and treas. Cap. stk. $500,000, pd. up. Mine at Salmon River.
Marb.—A. Miller. Marble.
B.Coal—Nova Scotia Coal Mining Co.
Gold—G. W. Stuart.
Marb.—Walker & Page. Marble.
Gold—Wine Harbour Gold Mining Co., Ltd., Inglis St. Thos. G. McMullan, pres.; T. P. Putnam, v. pres.; H. T. Harding, secy. and treas.; Geo. W. Stuart, M. E., gen. mgr. Cap. stk. $160,000; $84,000 pd. up. Mine at Wine Harbour.

VICTORIA, Cumberland Co. Pop. 100. Ry. Thompson Station 387.
B.Coal—Victoria Coal Mines.

WALLACE, Cumberland Co. Pop. 1,000. M.O. Tel. Ry. 387.
Stone—Battye Freestone Co.
Marb.—A. C. Charman. Marble.
Stone—G. P. Sherwood & Co., Nassau and Spruce Sts., New York. Wallace quarry. Sandstone; 2,000 tons; 150 days; 14 employes. Steam. Thos. C. Dobson, quarry supt.
Stone—Wallace Grey Stone Co.

WALTON, Hants Co. Pop. 300. M.O. Ry. Newport Station 259.
Man.—Tenecape Manganese Co., Ltd. D. C. Fraser, M.P., pres.; Geo. E. Boak, v. pres.; J. L. Jennison, secy. and treas.; W. F. Jennison, M. E., gen. mgr. Cap. stk. $300,000, pd. up. Mine at Tenecape.

WAVERLEY, Halifax Co. Pop. 600. M.O. Tel. Ry. 387.
Gold—Gue & Wilson, 129 Hollis St., Halifax. East Waverley mine. Tunnel 735 ft. Free ore. Electricity. B. C. Wilson, mine supt.
Gold—Lake View Mining Co., Ltd., Newark, N. J. Lake View mines. Free ore. 30-stamp mill. Steam.
Gold—Nova Scotia Syndicate.
Gold—John Stephens.
Gold—Tudor Gold Mining Co.
Gold—West Waverly Gold Co. West Waverly mine. Free ore; 10-stamp mill. Steam.
Gold—B. C. Wilson, Halifax. East Waverly mine. Tunnel and incline. Free ore. Steam.

WESTVILLE, Pictou Co. Pop. 3,152. M.O. Tel. Ry. 387.
B.Coal—Black Diamond Coal Co.

WINDSOR, Hants Co. Pop. 2,837. M.O. Tel. Ry. 259.
Gold—Central Rawdon Mining Co., Ltd. J. H. Smith, pres.; Wm. O'Brien, v. pres.; J. C. Geldert, secy.; Clarence H. Dimock, treas. Mine at Centre Rawdon.
Gold—Northup Gold Co. Mine at Rawdon.
Gold—Salisbury Gold Mining Co. Barclay Webster, Q.C., pres.; P. L. A. Price, secy.; F. W. Borden, M.D., M.P., treas. Mine at Montague.
Atty.—W. D. Sutherland, Barrister-at-Law.
Gyp.—Wentworth Gypsum Co., Ltd. Wentworth quarry. Steam.

WINE HARBOUR, Guysborough Co. Pop. 200. Ry. 40.
Gold—Barachios Gold Mining Co.
Gold—Eureka Gold Mining Co.
Gold—H. T. Harding, Truro. Napier and Eldorado mines. Shaft. Tunnel. 27-stamp mill. Steam.
Gold—Thomas Ralph.
Gold—Wine Harbour Gold Mining Co., Ltd., Inglis St., Truro. Plough Lode mine. Shaft and open pit. Free ore. Fifteen-stamp mill, 45 tons daily capacity. Steam. (Developing.)

YARMOUTH, Yarmouth Co. Pop. 6,089. M.O. Tel. Ry. 259; 387.
Gold—Kempt Gold Mining Co. Mine at Kemptville.
Marb.—Yarmouth Marble Works.

ONTARIO

ALMONTE, Lanark Co. Pop. 3,072. M.O. Tel. Ry. 114.
Marb.—Geo. Williams. Marble.

AMHERSTBURG, Essex Co. Pop. 2,279. M.O. Tel. Ry. 540.
Stone—T. B. White.

ANCASTER, Wentworth Co. Pop. 800. M.O. Tel. Ry. 889.
Stone—P. Middleton.

ARNPRIOR, Renfrew Co. Pop. 3,341. M.O. Tel. Ry. 111; 114.
I.Ph.—James Bell. Iron and phosphate.
Marb.—J. L. Fraser. Marble.
Marb.—R. McDonald & Son. Marble.
Stone—H. F. McLaughlin.
Stone—Wm. Spence.
Copp.—Robert Tough. Copper.
Stone—John G. Watson. Ottawa Grand quarry. Limestone. Mill. Steam.
Marb.—Watson & Devlin. Marble.

ATHENS, Leeds Co. Pop. 905 M.O. Tel. Ry. 92.
Marb.—A. E. McLean. Marble.

BANNOCKBURN, Hastings Co. Pop. 100. Tel. Ry. 129.
Stone—Grace Keith.

BARRIE, Simcoe Co. Pop. 5,550. M.O. Tel. Ry. 344.
Marb.—A. M. Borrowman. Marble.
Gran.—P. Hilts. Granite.
Marb.—Wm. Holmes. Marble.

BATHURST, Gloucester Co. Tel. Ry. 114.
Lime—Bowman & Co.

BEACHVILLE, Oxford Co. Pop. 356. M.O. Tel. Ry. 114; 344.
Stone—Archibald Bros.

BEAMSVILLE, Lincoln Co. Pop. 911. M.O. Tel. Ry. 344.
Stone—Wm. Gibson. Cap. $40,000. Gibson quarry. Limestone. 15,000 yds. 300 days; 100 employes. Steam. Three and one-half miles of Ry., 13 cars. John Ritchie, quarry supt.

BEAVER MINE, Algoma Dist. Ry. Murilla, 114.
Silv.—Beaver Mining & Milling Co. Silver.
Silv.—Oscar P. Lewis. Cap., $250,000. Silver. Shaft, 22 ft.; tunnel, 100 ft. Free ore; 275 days; 11 employes. Water and electricity.
Silv.—Rabbit Mountain Mining Co. Silver.

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BELLEVILLE, Hastings Co. Pop. 9,914. M.O. Tel. Ry. 344.
Stone—G. L. T. Bull.
Iron—D. B. Burdette.
Gran.—S. A. Moore & Son. Granite.
Gold—South African General Exploration & Mining Co.
Gran.—Weese & Bro. Granite.

BELMONT, Middlesex Co. Pop. 600. M.O. Tel. Ry. 114.
Gold—F. R. Lengham, Marmora. Belmont mine. Shaft. Free ore. Steam.

BENMILLER, Huron Co. Pop. 150. Ry. 344.
Marb.—Wm. M. Mohring. Marble.

BERLIN, Waterloo Co. Pop. 7,425. M.O. Tel. Ry. 344.
G.S.—Bonanza Nickel Mining Co. Gold and silver. Ferd. Walter, pres.; Dr. Wm Morton, v. pres.; Chas. Ahrens, secy.; Henry Downing, gen. mgr. and buyer. Mine at Sudbury.
Marb.—Frank Bros. Marble.

BLENHEIM, Kent Co. Pop. 1,708. M.O. Tel. Ry. 288; 444.
Gran.—A. Robertson. Granite.

BLEZARD'S, Peterborough Co. Ry. 344.
Nick.—St. Nicolas Nickel Mining Co. Toronto, Blezard and Salter mines. Shafts. Smelter. Steam.

BOSTON MILLS, Peel Co. Pop. 25. Ry. Cheltenham, 114; 344.
Stone—Henry Chessar.

BOTHWELL, Bothwell Co. Pop. 897. M.O. Tel. Ry. 344.
Gran.—D. C. Campbell. Granite.
Marb.—H. H. Castler. Marble.

BOWMANVILLE, Durham Co. Pop. 3,377. M.O. Tel. Ry. 344.
Marb.—E. R. Bounsall. Marble.

BRACEBRIDGE, Ontario Co. Pop. 1,419. M.O. Tel. Ry. 344.
Marb.—Henry Boyer. Marble.

BRAESIDE, Renfrew Co. Pop. 25. Tel. Ry. 114.
Gold—Gillies Bros.

BRAMPTON, Peel Co. Pop. 3,252. M.O. Tel. Ry. 114; 344.
Stone—K. Chisholm & Co.
Marb.—W. W. Price. Marble.

BRIDGEWATER, Hastings Co. Pop. 400. M.O. Ry. Tweed, 114.
Marb.—J. E. Harrison. Actinolite and White and Gray Marble quarries.
Asbs.—Standard Asbestos Co., 120 Broadway, New York. Shafts and open pits.

BRIGHTON, Northumberland Co. Pop. 1,479. M.O. Tel. Ry. 344.
Marb.—T. R. Corby. Marble.

BRUCE MINES, Algoma Co. Pop. 750. M.O. Tel. Ry. 114.
Gold—Bruce Land & Mining Co.
Stone—Powell & Mitchell Trap Rock Co.

BRUSSELS, Huron Co. Pop. 1,204. M.O. Tel. Ry. 344.
Salt—Enterprise Salt Works.

BURFORD, Brant Co. Pop. 700. M.O. Tel. Ry. 344.
Marb.—Thos. Cameron. Marble.

BURGESSVILLE, Oxford Co. Pop. 200. M.O. Ry. 344.
Mica—Ogle Carss.

BUSH GLEN, Stormont Co. Ry. Aultsville, 344.
Marb.—S. P. Stata. Marble.

CALEDONIA, Haldimand Co. Pop. 968. M.O. Tel. Ry. 344.
Iron—L. H. Johnson.

CAMPBELLFORD, Northumberland Co. Pop. 2,424. M.O. Tel. Ry. 344.
Marb.—Henry McKelvie. Marble.

CARLETON PLACE, Lanark. Pop. 4,435. M.O. Tel. Ry. Carleton Junction, 114.
Marb.—E. O. Leech. Marble.
Stone—F. McEwen.
Stone—Daniel McNeely. Union quarry. Horse.
Iron—Wm. H. Wylie. Iron Duke and Bessemer mines. Steam.
Lead—Wylie & Cram. Lynch mine. Open pit.
Iron—Wylie & Weeks. White Birch mine. Shaft, 40 ft. Developing.

CATARACT, Cardwell Co. Ry. 114.
Stone—G. Murphy.

CAYUGA, Haldimand Co. Pop. 822. M.O. Tel. Ry. 344; 520.
Stone—Reid Gibson. Gibson quarry. Limestone.
Marb.—J. H. Gifford. Marble.
Phos.—Grand River Plaster Co. Phosphate.
Iron—Thos. Tisdale.

CHATHAM, Kent Co. Pop. 9,052. M.O. Tel. Ry. 114; 288; 344.
Gold—Butler & Scott. (Joseph Butler and G. C. Scott.)
Marb.—John Maggs. Marble.
C.E.—J. W. Shackleton, Civil Engineer.
Gold—Tache Gold Mining Co.

CHESLEY, Bruce Co. Pop. 1,437. M.O. Tel. Ry. 344.
Marb.—E. J. Skelton. Marble.

CLINTON, Welland Co. Pop. 2,635. M.O. Tel. Ry. 344.
Salt—John McGarva.
Salt—Henry Ransford.
Marb.—Seale & Hoover. Marble.

COBDEN, Renfrew Co. Pop. 640. M.O. Tel. Ry. 114.
Stone—W. B. Danlin. Queen Lime quarry. Limestone; 3,000 cu. ft.; 260 days; 3 employes. Horse.

COBOURG, Hamilton Co. Pop. 4,829. M.O. Tel. Ry. 344.
Marb.—Perrott & Delanty. Marble.

COLLINGWOOD, Simcoe Co. Pop. 4,941. M.O. Tel. Ry. 344.
Marb.—John Ough. Marble.

COPPER CLIFF, Nipissing Co. Tel. Ry. 344.
Copp.—Canadian Copper Co., Cleveland, Ohio. Copper Cliff and Evans mines. Shaft. Furnace, 30,000 tons. Steam.
Marb.—W. & I. Weeks. Marble.

CORNWALL, Stormont Co. Pop. 6,805. M.O. Tel. Ry. 344.
Marb.—W. S. Ross. Marble.

COURTLAND, Norfolk Co. Pop. 250. Tel. Ry. 344.
Marb.—T. Story. Marble.

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CREDIT FORKS, Cardwell Co. Ry. 114.
Stone—Credit Forks Stone Co. Red sandstone.
Stone—Dent & Sons. Red sandstone.
Stone—Scott, Pattullo & Co. Orangeville. Credit Forks No. 1 quarry. Brownstone. Steam.
Stone—G. G. Smith. Sandstone.
Stone—Smith & Way Sandstone.
Stone—Yorks Quarry. Sandstone.

CROMARTY, Perth Co. Pop. 100. Ry. Dublin, 344.
Stone—Anthony Allen. Cromarty quarry. Limestone.

DEER PARK, York Co. Pop. 300. M.O. Ry. Toronto, 114; 344.
Marb. James Cassidy. Marble.

DESERONTO, Hastings Co. Pop. 3,338. M.O. Tel. Ry. 59.
Cemt.—Napanee Cement Works.

DUNNVILLE, Haldimand & Monk Co. Pop. 1,776. M.O. Tel. Ry. 344.
Marb.—J. W. Schofield. Marble.

EASTMAN'S SPRINGS, Russell Co. Pop. 25. Tel. Ry. 111.
Marb.—Geo. Crosbie. Marble.

EASTONS CORNERS, Grenville Co. Pop. 300. Ry. Jasper, 114.
Marb.—Campbell & Murphy. Marble.

EAST WILLIAMSBURG, Dundas Co. Pop. 100. Ry. Aultsville, 344.
Gold—Providence Gold Mining Co. of Norland.

ECHO PLACE, Brant Co. Ry. Brantford, 344.
Marb.—Peter Hanning. Marble.

ELMSLEY, Lanark Co. Ry. 114.
Stone—John Arthur. Limestone.

ESSEX, Essex Co. Pop. 1,709. M.O. Tel. Ry. 520.
P.Sur.—James S. Laird, Provincial Surveyor.

EXETER, Middlesex Co. Pop. 1,809. M.O. Tel. Ry. 344.
Marb.—George Bowdon. Marble.
Marb.—G. Davis. Marble.

FARRANS POINT, Stormont Co. Pop. 300. Ry. 344.
Marb.—I. Fox. Marble.
Marb.—Stubbs & Merkley. Marble.

FERGUS, Wellington Co. Pop. 1,599. M.O. Tel. Ry. 114; 344.
Marb.—John Alpaugh & Son. Marble.

FLESHERTON, Grey Co. Pop. 800. M.O. Tel. Ry. 114.
Marb.—Elias Vanzant. Marble.

FLINTON, Addington Co. Pop. 100. M.O. Ry. Madoc, 344.
Gold—Kaladar Mining Co. Kaladar mine. Steam.

FOREST, Lambton Co. Pop. 2,057. M.O. Tel. Ry. 344.
Marb.—Jacob Rupp. Marble.

FORT ERIE, Welland Co. Pop. 934. M.O. Tel. Ry. 344; 520.
Marb.—John Elsaesser. Marble.

FORT WILLIAM, Algoma Co. Pop. 1,500. M.O. Tel. Ry. 114.
Gold—James Hammond.
Silv.—McKelland Silver Mining Co.
Iron—McKellar Bros.
Iron—Mattawin Iron & Mining Co. Kingston. Mattawin Iron Range mine. Hematite ore.
Gold—H. Parsons.

GALBRAITH, Lanark Co. Pop. 25. Ry. Almonte, 114.
Copp.—Blackwell & Mitchell. Copper.

GALT, Waterloo Co. Pop. 7,535. M.O. Tel. Ry. 114; 344.
Stone—Maloney & Connolly, Toronto. Maloney's quarry. Limestone, 202,500 ft.; 100 days; 12 employes. Steam. Stone crusher, 2,025 ft. daily capacity. R. A. Grant, quarry supt.
Marb.—J. F. Scott. Marble.

GANANOQUE, Leeds Co. Pop. 3,669. M.O. Tel. Ry. 889.
Marb.—W. A. Williamson. Marble.

GARDEN RIVER, Algoma Co. Pop. 500. Tel. Ry. 114.
Gold—Victoria Mining Co.

GLENCOE, Middlesex Co. Pop. 976. M.O. Tel. Ry. 344.
Marb.—W. G. Burrows. Marble.

GODERICH, Huron Co. Pop. 3,029. M.O. Tel. Ry. 344.
Stone—John Hislop.
Salt—Joseph Kidd. Dominion Salt Works. Steam.
Salt—Peter McEwan. Goderich Salt Works. Steam.
Salt—North American Chemical Co.
Salt—Ogilvies & Hutchinson. Steam.

GRAHAM'S, Renfrew Co. Tel. Ry. 114.
N.C.—F. Summerby. Nickel and copper. Shaft.

GRIERSVILLE, Grey Co. Pop. 50. Ry. Meaford, 344.
Marb.—A. F. D. Lee. Marble.

GRIMSBY, Wentworth Co. Pop. 883. M.O. Tel. Ry. 344; 359a.
Stone—Grimsby Quarry Co., Ltd. Gray and brown sandstone. Steam.

GUELPH, Wellington Co. Pop. 10,539. M.O. Tel. Ry. 114; 344.
Marb.—Clark & Carter. Marble.

HAMILTON, Wentworth Co. Pop. 50,000. M.O. Tel. Ry. 344; 359a; 889.
Stone—Peter Brass.
B.Coal—D. Brown & Son.
Gran.—Burlington Marble & Granite Co.
Marb.—Cline & Webb. Marble.
B.Coal—D. R. Dewey & Co.
Cemt.—H. & I. Dow. Cement.
B.Coal—J. B. Fairgrieve & Son.
Marb.—Furniss & Son. Marble.
Mica—F. Gottorff.
B.Fur.—Hamilton Iron & Steel Co. Blast furnace.
Stone—Wm. Hancock, 37 Locomotive St. Cap. $8,000. Limestone, 3,000 cords. 250 days; 15 employes. Horse. Stone crusher, 60 yds. daily capacity.
Stone—Hill Bros.
Marb.—Hurd & Roberts. Marble.
Marb.—Ironside & Davidson. Marble.
Marb.—J. T. Middleton. Marble.
Marb.—M. O'Grady. Marble.
Roll.M.—Ontario Rolling Mill Co. C. E. Doolittle, pres.; C. S. Wilcox, v. pres.; W. A. Child, secy. Cap. stk., $100,000; $49,500 pd. up. 4 puddling, 8 heating furnaces; 5 trains rolls; 1 14-inch puddle, 1 20-inch nail plate, and 1 9-inch, 1 10-inch and 1 20-inch bar mill. Steam. Also mill at Swansea.
Gold—Saw-Bill Lake Gold Mining Co., Ltd. Directors: John H. Tilden, William Southam, F. C. Bruce, G. T. Marks, Thos. W. Lester, H. N. Kittson, H. Beckett, John Hoodless, H. A. Wiley, F. S. Wiley and W. H. Plummer. Bankers. Bank of Montreal and Ontario Bank. F. S. Wiley, local managing director. Cap. stk., $100,000. Mine on Saw-Bill Lake, 35 miles from Port Arthur.
Stone—Dr. Springer.
Marb.—H. N. Thomas. Marble.
Marb.—A. M. Waters. Marble.

HARRISON, Wellington Co. Pop. 1,687. M.O. Tel. Ry. 114; 344.
Marb.—Robt. Ruth. Marble.

HUMBERSTONE, Welland Co. Pop. 800. M.O. Tel. Ry. 344.
Stone—L. R. Snider.

INGERSOLL, Oxford Co. Pop. 4,191. M.O. Tel. Ry. 114; 344.
Marb.—D. W. Augustine. Marble.
Marb.—W. O. Smith. Marble.

INGLEWOOD, Cardwell Co. Tel. Ry. 114; 344.
Stone—Britnel & Charlton. Toronto. Inglewood quarry. Freestone.
Stone—Anthony Charlton. Cap., $2,000. Free stone, 10,000 cords; 120 days; 6 employes. Horse.
Stone—David Graham. Sandstone.
Stone—R. J. McGregor.
Stone—J. Meyers.
Stone—Thomas Murray. Free stone. Horse.
Stone—Owen Sound Stone Co., Ltd., Owen Sound. Inglewood quarry. Red and gray sandstone.
Stone—Wm. Smeaton.
Stone—Wm. Wilson. Sandstone.

IROQUOIS, Dundas Co. Pop. 1,047. M.O. Tel. Ry. 344.
Marb.—J. Bullis. Marble.

ISLINGTON, York Co. Pop. 200. Ry. 114.
Marb.—E. Green. Marble.

JACK FISH BAY, Algoma Co. Tel. Ry. 114.
Silv.—Elgin Silver Mining Co. Silver.
Iron—Mountain Lake Company.

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JANETVILLE, Durham Co. Pop. 100. Ry. Pontypool, 114.
Marb.—P. Marier, Jr. Marble.

JOSEPHBURG, Waterloo Co. Pop. 75. Ry. Petersburg, 344.
Marb.—J. Gatscheme. Marble.

KAMINISTIQUIA, Algoma Co. Tel. Ry. 114.
Iron—Kaministiquia Iron Co.

KEMPTVILLE, Grenville Co. Pop. 1,226. M.O. Tel. Ry. 114.
Marb.—G. Watson. Marble.

KINCARDINE, Bruce Co. Pop. 2,631. M.O. Tel. Ry. 344.
Marb.—M. F. Anning. Marble.
Marb.—Vanstone Bros. Marble.

KINGSTON, Frontenac Co. Pop. 19,264. M.O. Tel. Ry. 59; 344; 431.
Marb.—W. Chadwick. Marble.
Mica—J. E. Chown.
Stone—C. Dennismere.
Stone—John Duff.
Marb.—Greenwood & McGuire. Marble.
Marb.—S. J. Kilpatrick. Marble.
Iron—Kingston & Pembroke Iron Mining Co.
Phos.—Lake Opinicon Phosphate Co.
Phos.—N. W. Richardson. Phosphate. Shaft.
Stone—W. Shufflebotham.

LAKE OPINICON, Frontenac Co. Pop. 265. Ry. Sydenham, 59.
Phos.—Bell & Co. Arnprior. Bell mine. Phosphate. Shaft. Steam.

LANARK, Lanark Co. Pop. 859. M.O. Tel. Ry. 114.
Iron—N. C. Caldwell, M. P. P.

LARCHWOOD, Algoma Co. Ry. 114.
Gold—Creighton Gold Mining Co.

LEAMINGTON, Essex Co. Pop. 1,910. M.O. Tel. Ry. 344; 520.
Marb.—J. H. Pengelly. Marble.

LIMEHOUSE, Halton Co. Pop. 600. Tel. Ry. 344.
Stone—John Craig.
Stone—Alex. Garvin. Chandley quarry. Sandstone. Mill.
Stone—Jas. Newton.

LINDSAY, Victoria Co. Pop. 6,081. M.O. Tel. Ry. 344.
Marb.—R. Chambers. Marble.

LISTOWEL, Perth Co. Pop. 2,587. M.O. Tel. Ry. 344.
Marb.—R. T. Kemp. Marble.

LITTLE CURRENT, Algoma Co. Pop. M.O. Tel. Ry. Spanish River Station, 114.
C.N.—Thos. Frood. Cap., $10,000. Wallace mine. Copper and nickel. Shafts, 34 ft.
Copp.—H. S. Hedges. Copper.

LONDON, Middlesex Co. Pop. 31,977. M.O. Tel. Ry. 114; 344; 444.
Smlt.—Canada Smelting & Refining Works.
Marb.—I. R. Hughes. Marble.
Marb.—John Mattheson. Marble.
Marb.—J. R. Peele. Marble.
Marb.—G. Powell & Son. Marble.
Marb.—J. W. Smyth & Son. Marble.

LONGFORD MILL, Ontario Co. Tel. Ry. name Longford, 344.
Stone—Longford Quarry Co. Geo. Thomson, secy. and treas. Cap. stk., $10,000, $5,000 pd. up. Limestone; 1,000 cars; 200 days; 25 employes. Steam.
Stone—A. McPherson & Co. Cap., $8,000. St. Johns quarry. Limestone, 7,000 cu. yds; 200 days; 20 employes. Steam.
Stone—Wm. Thompson. Limestone.

LONG POINT, Leeds Co. Ry. Lyndhurst, 92.
G.S.—Lyndhurst Mining Co. Gold and silver.

LUCAN, Middlesex Co. Pop. 920. M.O. Tel. Ry. 344.
Marb.—J. A. Armitage. Marble.

MADOC, Hastings Co. Pop. 1,134. M.O. Tel. Ry. 344.
Stone—J. Brodigan & Co. Limestone.

MALONE, Hastings Co. Pop. 300. Ry. 129.
Gold—Crescent Gold Mining Co. of Marmora, 30 St. John St., Montreal, Quebec. Crescent mine. Shaft, 60 ft. Steam. Stamp mill. H. E. Lawson, mine supt.

MAPLE ISLAND, Muskoka Co. Ry. Burks Falls, 344.
Gold—McCormick & Johnson.

MARMORA, Hastings Co. Pop. 500. M.O. Ry. 129.
Marb.—J. C. Boyne. Marble.
Iron—Wm. Kelley.
Stone—North American Lithographic Stone Co., 224 Center St., New York. Lithograph stone quarry; 400 sup. ft. Wm. J. Joyce, M. E., quarry supt.
Stone—James Osborn.
Iron—N. H. Powell.

MATTAWA, Nipissing Co. Pop. 1,437. M.O. Tel. Ry. 114.
Gold—Crystal Gold Mining Co. R. McConnel, gen. mgr. and buyer. Cap. stk., $1,000,000. Mine at Wahnapitae.
Mi.N.—R. McConnell. Mica. Open pits. Also nickel mine at Sudbury.

MAXVILLE, Glengarry Co. Pop. 900. M.O. Tel. Ry. 111.
Marb.—Spencer & McLean. Marble.

MEAFORD, Grey Co. Pop. 1,999. M.O. Tel. Ry. 344.
Marb.—James Anderson. Marble.

MERRICKVILLE, Grenville Co. Pop. 1,072. M.O. Tel. Ry. 114.
Marb.—R. Smith. Marble.

MERRITTON, Lincoln Co. Pop. 1,813. M.O. Tel. Ry. 344; 753.
Stone—Walker Bros.

MILTON, West Halton Co. Pop. 1,450. M.O. Tel. Ry. 114; 344.
Stone—W. J. Hartley. Mountain View quarry. Sandstone. Steam.
Stone—D. Robertson & Co. Toronto. Rock View quarry. Limestone and sandstone. Steam.
Marb.—W. Weir. Marble.

MITCHELL, Perth Co. Pop. 2,101. M.O. Tel. Ry. 344.
Marb.—A. J. Blones. Marble.

MORRISBURG, Dundas Co. Pop. 1,859. M.O. Tel. Ry. 344.
Marb.—Bush & Stata. Marble.

MOUNT FOREST, Wellington Co. Pop. 2,214. M.O. Tel. Ry. 114; 344.
Marb.—McIntyre & Gardiner. Marble.

MOUNT HEALY, Haldimand Co. Pop. 75. Ry. York, 344.
Iron—Donaldson & Co.

NAPANEE, Lenox Co. Pop. 3,434. M.O. Tel. Ry. 59; 344.
Marb.—V. Kouber. Marble.

NELLES CORNERS, Haldimand Co. Tel. Ry. 344.
Stone—Oneida Stone Quarries.

NELSONVILLE, Algoma Co. Ry. Navin, 114.
Nick.—Algoma Nickel Co., Chicago.
Nick.—Chicago Mining Co. Nickel.
Nick.—Commercial Mining Co. Nickel.

NEPIGON, Algoma Co. M.O. Tel. Ry. 114.
Stone—Chicago & Vert Island Stone Co., 504 West Monroe St., Chicago, Ill. Vert Island quarry. Red sandstone, 50,000 cu. ft.; 140 days; 40 employes. Steam and horse. Neil Dougherty, quarry supt.

NEWMARKET, Ontario Co. Pop. 2,143. M.O. Tel. Ry. 344.
Marb.—W. C. Allan, Marble.

NORTH BAY, Nipissing Co. M.O. Tel. Ry. 114.
Gold—John Ferguson.
N.T.—Spanish River Nickel & Talc Co. H. Dreany, pres.; F. J. Lee, v. pres.; A. G. Browning, secy. and treas. Cap. stk., $96,000. Mines at Webbwood.

NORVAL, Halton Co. Pop. 400. M.O. Tel. Ry. 344.
Stone—W. Buchanan.
Stone—V. McAndrew.

NORWOOD, Peterborough Co. Pop. 1,010. M.O. Tel. Ry. 114.
Stone—T. M. Grover.

ORANGEVILLE, Wellington Co. Pop. 2,962. M.O. Tel. Ry. 114.
Stone—A. Franks. Sandstone.
Stone—R. Leslie, Toronto Junction. Leslie quarry. Limestone, 2,800 yds.; 150 days; 8 employes. Horse. T. D. Hall, quarry supt.

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ORANGEVILLE—Continued
Marb.—Moore & Ramsay. Marble.
Stone—Owen Sound Stone Co., Ltd., Owen Sound. Mono quarry. Gray sandstone.
Stone—Joseph Pattullo.

ORILLIA, Simcoe Co. Pop. 4,752. M.O. Tel. Ry. 344.
Stone—John Adams & Sons. North Ontario Limestone quarry. Limestone, 5,550 yds.; 125 days; 20 employes. Horse.
Marb.—R. I. Sanderson. Marble.
Stone—Toronto & Orillia Stone Quarries. Limestone.

OSHAWA, Ontario Co. Pop. 4,065. M.O. Tel. Ry. 344.
Marb.—Albert Adams. Marble.
Marb.—E. Chaussee. Marble.

OTTAWA, Carleton Co. Pop. 44,154. M.O. Tel. Ry. 111; 114; 694.
Gold—J. E. Askwith.
Gold—Aurorian Mining Co.
Stone—Alex. & H. I. Beemer.
Geol.—Robert Bell, B. A. Sc., LL. D., Assistant Director Geological Survey of Canada. Economic Geology. Author of numerous scientific publications.
Grap.—Black Donald Mining Co. Graphite.
Iron—Bristol Iron Mining Co.
M.E.—H. P. H. Brumell, Mining Engineer.
Gold—E. Burton Haycock, 46 Sparks St. Mines at St. George, Quebec.
B.Coal—Canadian Anthracite Coal Co. Mines at Anthracite, N. W. T.
Mica—Canadian Mica Co.
Mica—Cascades Mica Co.
Mica—C. Chubbick.
Mica—Clemow & Powell.
Geol.—George M. Dawson, LL. D., F. R. S. Director Geological Survey of Canada. Associate Royal School of Mines, England.
Phos.—Electric Mining Co. Phosphate.
Dpt.Int.—John R. Hall, Secretary Department of the Interior, Ottawa, in charge of matters pertaining to Mining and Quarrying.
Atty.—A. Harvey, Patent Attorney, 33 and 34 Central Chambers, 46 Elgin St.
C.E.—Chas. H. Keefer, Civil Engineer.
Phos.—Lake Rapids Mining Co. Phosphate.
Mica—McRae & Co.
Marb.—A. K. Mills & Son. Marble.
Graph.—North American Graphite Co. H. P. H. Brumell, gen. mgr. Mine at Buckingham, Que.
Gold—Star Gold Mines.
Mica—Vavasour Mining Association, 22 Metcalfe St. Thos. F. Nellis, pres. Mine at Hull, Quebec.
Graph.—Walker Mining Co. Graphite.
G.S.—E. V. Wright. Gold and silver.

OWEN SOUND, Grey Co. Pop. 7,497. M.O. Tel. Ry. 114; 344.
Cemt.—Georgian Bay Portland Cement Co.
Marb.—H. B. Harrison. Marble.
Cemt.—Owen Sound Portland Cement Co., 377 Spadina Ave., Toronto.
Stone—Owen Sound Stone Co., Ltd. S. G. Parker, pres.; Geo. Inglis, v. pres.; W. B. Stephens, secy. and treas.; P. W. Sabiston, gen. mgr. Cap. stk. $30,000, pd. up. Quarries at Orangeville and Inglewood.
Stone—Owen Sound Stone Quarrying & Construction Co. Sandstone.
Marb.—B. A. Williscroft. Marble.

PAISLEY, Bruce Co. Pop. 1,328. M.O. Tel. Ry. 344.
Marb.—T. Johnston. Marble.

PARIS, Brant Co. Pop. 3,094. M.O. Tel. Ry. 344.
Phos.—Alabastine Co. Phosphate.
Marb.—G. R. Crawford. Marble.

PEMBROKE, Renfrew Co. Pop. 4,401. M.O. Tel. Ry. 114.
Stone—I. Beale.

PERTH, Lanark Co. Pop. 3,136. M.O. Tel. Ry. 114.
Nick.—Anglo Nickel Co.
Iron—Robt. Cordick.
Iron—Wm. Davis.
Marb.—J. H. Dolen. Marble.
Marb.—P. J. Kane. Marble.
Mica—Levett & Davis.
Stone—D. J. McDunla.
Iron—Peter McLaren.
Stone—A. J. Matheson.
Iron—W. J. Morris.
Stone—Alfred Poole. City Lake Limestone quarry. Limestone. 150 days. 2 employes.
Iron—Edward Watts.
Iron—John Wilson.

PETERBORO, Peterboro Co. Pop. 9,717. M.O. Tel. Ry. 114; 344.
Marb.—John Coughlin & Bro. Marble.
Marb.—T. W. Moore. Marble.
Iron—Peterboro & Frontenac Mining Co.
Iron—B. M. Wylie.

PETROLEA, Lambton Co. Pop. 4,357. M.O. Tel. Ry. 344; 520.
Salt—McMillan, Kittridge & Co.

PICTOU, Prince Edward Co. Pop. 3,287. M.O. Tel. Ry. 129.
Marb.—J. E. Lent. Marble.

PLATTSVILLE, Brant Co. Pop. 800. M.O. Tel. Ry. Bright 344.
Marb.—A. C. McCode & Co. Marble.

PLEVNA, Addington Co. Pop. 60. M.O. Ry. Lavant Station 431.
Iron—Wm. White.

PORT ARTHUR, Algoma Co. Pop. 2,698. M.O. Tel. Ry. 714.
Iron—W. J. Barrie.
Silv.—Beaver Silver Mining Co. Silver.
Gold—James Conmee.
Silv.—Crown Point Mining Co., 931 E. 7th St., Duluth, Minn. Crown Point mine. Tunnel 600 ft. Free ore. (Developing.)
Iron—S. J. Dawson.
Bary.—Duluth Barytes Co., Duluth, Minn. Tunnel 100 ft.; 100 tons daily; 15 employes. Furnace, 10 tons daily capacity. Steam.
Silv.—East End Silver Mountain Co. Silver.
Gold—N. Garland.
Gold—Peter Gerouz.
Silv.—Lily of the Valley Mining Co. Lily of the Valley mine. Silver. Shafts. Free ore.
Gold—Thomas Marks & Co.
Copp.—Silver Islet Co. Copper.
Silv.—Silver Mountain Co. Silver.
Gold—Societie Generale de Belgique.
Stone—A. C. Vaughan.
Silv.—West End Mining Co. Silver.
Gold—Wiley & Co.

PORT HOPE, Durham Co. Pop. 5,042. M.O. Tel. Ry. 344.
Marb.—Cooper & Rutter. Marble.

PORTLAND, Leeds Co. Pop. 380. M.O. Tel. Ry. Newboro 92.
Marb.—W. M. Church. Marble.

PORT NELSON, Halton Co. Pop. 500. M.O. Ry. Burlington 344.
Marb.—Jacob Cline. Marble.

RAMA, Ontario Co. Pop. 500. Ry. 344.
G.S.—James McPherson. Gold and silver.

RAT PORTAGE, Algoma Dist. M.O. Tel. Ry. 114.
Silv.—Bad Mining Co. Bad mine. Silver. Free ore.
Iron—Robt. Bunting.
Gold—Canadian Homestake Mining Co.
G.S.—G. F. & G. M. Ernst. Gold and silver.
Gold—Eschweiler Mining Properties, 45 Loan and Trust Bldg., Milwaukee, Wisconsin. 1,400 acres. Refractory and free milling ore. (To be developed.)
Iron—Dr. Henson.
G.S.—H. F. Holmes. Gold and silver.
Iron—Holmes & Inch.
Gold—Alex Matheson.
Gold—Chas. S. Morris. Triumph mine. Shaft 25 ft. Free and concentrating ores. Steam. Stamp mill, 12 tons daily capacity.
Gold—Rat Portage Mining Co.
Gold—Regina (Canada) Gold Mines Co., Ltd., 13-14 Walbrook, E.C., London, England. Lt. Gen. H. C. Wilkinson, C. B., pres.; J. L. Middleton, secy. and treas.; W. C. Motley, M. E., resident mgr. Cap. stk., $650,000, pd. up. Regina-Whitefish Bay mine. Shaft 75 ft.; tunnel 100 ft. Free ore; 35 employes. Steam. Stamp mill, 25 tons daily capacity.
Copp.—John K. Wright. Copper.

RENFREW, Renfrew Co. Pop. 2,611. M.O. Tel. Ry. 111; 114; 431.
Marb.—A. Anderson. Marble.
Iron—Alex. Barnett.
Stone—Thos. Henderson.
Stone—J. A. Jamieson.
Iron—John McAndrew.
Iron—E. McKay.
Stone—C. A. Russell.
Stone—M. L. Russell.
Iron—James Russell.
Iron—Martin Russell.

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ROCKWOOD, Wellington Co. Pop. 589. M.O. Tel. Ry. 344.
Stone—D. L. Shultz.

ST. CATHARINES, Lincoln Co. Pop. 9,170. M.O. Tel. Ry. 344; 753.
Marb.—James Munro. Marble.
Marb.—Andrew Wherry. Marble.

ST. DAVID'S, Lincoln Co. Pop. 250. Ry. Queenston 520.
Stone—P. A. Johnston & Co. Queenston quarries. Limestone and sandstone; 12,221 cu. yards; 100 employes. Stone crusher. 36,000 yards annual capacity. Steam and horse. Operate ½ mile Ry.; 6 cars. Z. P. Sanders, quarry supt.
G.S.—Johnson & Sanderson. Gold and silver.

ST. MARYS, Perth Co. Pop. 3,416. M.O. Tel. Ry. 344.
Marb.—Seale Bros. Marble.
Marb.—Seale & Hoover. Marble.

SAULT STE. MARIE, Algoma Co. Pop. 2,414. M.O. Tel. Ry. 114.
Iron—Wm. Bell.

SHARBOT LAKE, Addington Co. Tel. Ry. 114; 431.
Gold—T. S. Hampton.

SILVER MOUNTAIN, Algoma Co. Ry. Ft. William 114.
Silv.—Shumah Weachu Mine Co., Ltd. Shumah Weachu mine. Silver. Shaft and drift. Steam.

SKEADS MILLS, Carleton Co. Pop. 25. Ry. 114.
Stone—Thos. Call.

SMITH'S FALLS, Leeds Co. Pop. 3,864. M.O. Tel. Ry. 114.
Stone—R. J. Brodie.
Phos.—Super Phosphate Co.

STOBIE, Algoma Co. Tel. Ry. 114.
Iron—Jas. Stobie.

STRAIGHT LAKE, Algoma Co. Ry. 114.
Nick.—Straight Lake Nickel Mining Co., Ltd., Toronto St., Toronto. Batten-McPherson mine. Shaft 50 ft. Refractory ore. Water.

STRANGE, York Co. Ry. King 344.
Silv.—Silver Chief Mining Co. Silver.

SUDBURY, Algoma Co. Pop. 1,370. M.O. Tel. Ry. 114.
Lead—William Baisleck.
G.S.—Bonanza Nickel Mining Co., Berlin. Mammoth mine. Gold and silver. Shaft 60 ft.
Copp.—Canadian Copper Cliff Co. Copper.
Gold—Demorest & Johnson.
N.C.—Dominion Mineral Co., Montreal, Que. Nickel and copper. Shafts. Open pit. Steam.
Nick.—Drury Nickel Co., Ltd. Nickel.
Nick.—Emens Metal Co. Johnstown, Pa. Shaft. Nickel.
C.M.E.—Gordon & Rorke, Civil and Mining Engineers. Engineers for the town of Sudbury. Dominion and provincial land surveyors.
G.S.—H. A. Hillyard. Gold and silver.
Iron—M. McConack.
Nick.—R. McConnell, Mattawa. Nickel. Open pits. Developing.
Iron—August J. McDonnell.
Gold—A. Merry.
Gold—Daniel O'Connor.
Silv.—Sudbury Customs Silver Co. Silver.
Iron—Vickuman & Young.
Nick.—H. H. Vivian & Co., Ltd., Swansea, Wales. Nickel.
Iron—Andrew Wadle.

SWANSEA, York Co. Tel. Ry. 344.
Roll.M.—Ontario Rolling Mill Co., Hamilton. Three gas; one coal heating furnace. One 10-inch train roll. Steam.

SYDENHAM, Addington Co. M.O. Tel. Ry. 59.
Mica—Foxton Mica System, P.O. Box 55. F. Foxton, pres.; James Foxton, gen. mgr. and buyer. Cap. stk. $20,000, pd. up. 200 tons. 10 employes.
M.E.—James Foxton, Mining Engineer.
Mica—Gould Lake Mining Co. Dr. John Grant, pres.; A. McClatchie, secy., treas. and gen. mgr. Cap. stk. $25,000. Gould Lake mine. Shaft, 90 ft.; tunnel, 200 ft.; 50 tons; 200 days; 6 employes. Steam.
Mica—National Mica Supply Co.
Phos.—C. J. R. Stirling. Stirling mine. Phosphate. Shaft. Steam.
Mica—Sydenham Mica Co.
Mica—Webster & Co.

THOROLD, Welland Co. Pop. 2,273. M.O. Tel. Ry. 344; 753.
Cemt.—Estate of John Battle. Cement. Tunnel. 3,000 tons. 150 days. 20 employes. Water.

THOROLD—Continued
Stone—Wm. Cartmell. Cap. $10,000. Mountain quarry. Gray and blue limestone; 2,000 yards; 160 days. 20 employes. Steam.
Stone—W. M. Hendershot. Cap. $25,000. Quarries at St. Davids, Ont., and Montreal, Quebec.
Cemt.—Queenston Cement Quarries.
Stone—Isaac Usher & Son.

TICHBORNE, Addington Co. Pop. 25. Ry. 431.
Phos.—Blessington Phosphate Mining Co.

TORONTO, York Co. Pop. 181,220. M.O. Tel. Ry. 114; 344.
Atty.—William T. Allan, Barrister-at-Law, 77 Canada Life Bldg., 40-46 King St. W. Representing Bankers' Register and Hubbell's Legal Directory. Special facilities for collections and commercial litigation.
Atty.—Arnold & Irwin, Barristers, Solicitors, Notaries, etc., 42 Freehold Bldg., Adelaide and Victoria Sts. Commercial Law. Insolvency, Patent and Probate matters. Depositions. Compilers of the Laws of Ontario for the RECORD.
Atty.—Beatty, Blackstock, Nesbitt, Chadwick and Riddell, Barristers, Solicitors, Notaries, etc.
Cemt.—Burns & McCormack. Cement.
Mica—Canonto Mica & Mineral Mining Co., Ltd.
Cemt.—Robt. Carroll. Cement.
Cemt.—Carroll & Vick. Cement.
M.E.—J. H. Chewett, Mining Engineer and Metallurgist, 83 York St.
C.E.—Willis Chipman, Civil Engineer.
Gold—J. M. Clarke.
Cemt.—C. G. Collins. Cement.
Nick.—Craig Syndicate. Nickel.
Iron—Credit Forks Mining & Manufacturing Co.
Gold—Dominion Gold Dredging & Placer Mining Co.
Gold—Eagle's Nest Mining Co. Peter McArthur, pres.; John Flet, v. pres.; J. Van Sommer, secy. and treas.; Col. Shaw, gen. mgr. Cap. stk. $200,000; $60,000 pd. up. Mine at Wahnapitae.
Gold—Gravel Bay Mining Co.
Smlt.—C. C. Harris. Smelter.
Gold—Hastings Mining & Reduction Co.
Marb.—Hungerford Marble Co.
C.E.—Silas James & Sons (Silas James & D. D. James) Civil Engineers and Surveyors, 72 Victoria St.
Cemt.—W. H. Knowlton. Cement.
Silv.—Kootenay Mining and Investment Co. Silver.
Gold—Ledyard Gold Mines Co.
Iron—Henry Loundes.
Cemt.—John Lucas. Cement.
Cemt.—A. McLean. Cement.
Gold—W. D. McPherson.
Stone—Maloney & Connolly. Cap. $4,500. Quarry at Galt.
Gold—Marmora Mining & Milling Co.
Iron—G. F. Marter.
B.Coal—Ontario Coal Co.
Lime—Ontario Lime Association.
G.S.—Shebandowan Mining Co. Gold and silver.
Iron—Thomas Sheppard.
Silv.—Silver Center Mining Co. of Ontario. Silver.
Gold—W. J. Skynner.
B.Coal—Smith Coal Co.
Gold—Straight Lake Mining Co.
Nick.—Straight Lake Nickel Mining Co., Ltd., 1 Toronto St. W. B. McMurrich, Q. C., pres.: Jas. Todhunter, v. pres.; H. Vigeon, secy.; W. D. McPherson, treas.; F. C. Jarvis, gen. mgr.; J. R. Gordon, M. E., buyer. Cap. stk. $1,000,000; $300,000 pd. up. Nickel. Mine at Straight Lake.
Nick.—Sudbury Mining Co. Nickel. Claim at Sudbury.
G.S.—Toronto Smelting & Refining Co. Gold and silver.

TORONTO—Continued
Stone—Toronto Stone Co., Esplanade, near Church St.
Stone—S. Yorke, Esplanade, foot Jarvis St.

TORONTO JUNCTION, York Co. Pop. 4,518. M.O. Tel. Ry. 114.
Stone—R. Leslie. Limestone. Quarry at Orangeville.

TROY, Wentworth Co. Pop. 100. Ry. Harrisburg 344.
Stone—Robt. Parks.

WABIGOON, Algoma Co. Ry. 114.
Gold—Gold Rock Mining & Milling Co.

WAHNAPITAE, Nipissing Co. Tel. Ry. 114.
Gold—Crystal Gold Mining Co., Mattawa. Crystal Gold mine. Shaft 100 ft. Free ore. 9 employes. (Developing.)
Gold—Eagle's Nest Mining Co., Toronto.
Nick.—T. Thomas. Nickel.
Nick.—Wahnapitae Mining Co. Nickel.

WARSAW, Peterborough Co. Pop. 200. M.O. Ry. 114.
Stone—Mrs. S. Payne.

WARWICK, Lambton Co. Pop. 252. M.O. Ry. Watford 344.
Salt—Earlton Salt Works Co.

WEBBWOOD, Algoma Co. M.O. Tel. Ry. 114.
N.T.—Spanish River Nickel & Talc Co., North Bay, Spanish River Nickel mine. Also Talc mine. Shaft 45 ft.

WELLESLEY, Waterloo Co. Ry. Baden 344.
Gold—Bonanza Mining Co.

WHITEFISH, Algoma Co. Tel. Ry. 114.
Nick.—Barnet & Russell. Nickel.
Copp.—John Dafault. Copper.
Copp.—W. G. Duncan. Copper.
Copp.—John Dwyer. Copper.
Copp.—Arthur Gordon. Copper.
Copp.—James Gordon. Copper.
Iron—William McVittie.
Iron—Nickel Belt Mining Co.
Copp.—Russell & Barnett. Copper.
Copp.—A. Simpson. Copper.
Copp.—Henry Smith. Copper.
Copp.—G. A. Wilson. Copper.

WHITFIELD, Simcoe Co. Pop. 500. Ry. Shelburne 114.
Stone—Thos. Raburn.

WINDSOR, Essex Co. Pop. 10,322. M.O. Tel. Ry. 114; 344; 520.
C.E.—Joseph De Gurse, Chief Engineer, Lake Erie & Detroit River Ry.
Salt—Windsor Salt Works.

WOODSTOCK, Oxford Co. Pop. 8,612. M.O. Tel. Ry. 114; 344.
C.E.—Wm. Mahlon Davis, Civil Engineer, 77 Vansittart Ave.
C.E.—F. J. Ure, Civil Engineer and Surveyor, Post Office Bldg.

WORTHINGTON, Algoma Co. Tel. Ry. 114.
Nick.—Sault Ste. Marie Nickel Mining Co. McKay mine. Open pit.

PRINCE EDWARD ISLAND

BAYVIEW, Queens Co. Ry. Hunters River.
Lime—Clark & Dickerson.

CARDIGAN BRIDGE, Kings Co. Ry. name Cardigan, 708.
Gran.—W. B. Lewis. Granite.

CHARLOTTETOWN, Queens Co. Pop. 11,373. M.O. Tel. Ry. 708.
Gran.—Cairns & McLean. Granite.
Lime—John Henry.
Gran.—E. F. Purdy. Granite.

SUMMERSIDE, Prince Co. Pop. 2,882. M.O. Tel. Ry. 708.
Gran.—I. Cox. Granite.

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QUEBEC

ARTHABASKAVILLE, Arthabaska Co. Pop. 1,034. M.O. Tel. Ry. Victoriaville, 344.
Asbs.—Laurier Mining Co. Asbestos.

ASBESTOS, Richmond Co. Ry. Danville, 344.
Asbs.—Chas. Webb. Asbestos.

AYLWIN, Ottawa Co. Pop. 300. Tel. Ry. 640.
Mica—S. R. Brock Mica Co.

BASSIN DU LIEVRE, Ottawa Co. Ry. Buckingham, 114.
Phos.—Du Lievre Milling & Manufacturing Co. Phosphate.
Phos.—Miller & Co. Phosphate.

BEEBE PLAIN, Stanstead Co. Pop. 372. M.O. Ry. 82.
Gran.—Moir Granite Co.
Gran.—Stanstead Granite Co., Ltd. H. W. Elder, pres.; C. H. Kathan, v. pres.; Geo. P. Butters, secy. and treas.; F. W. Chandler, supt. Cap. stk. $100,000, $90,000 pd. up. Steam.

BLACK LAKE, Megantic Co. Tel. Ry. 714.
Asbs.—American Asbestos Co., Ltd., 5 Chapel Walks, Liverpool, Eng. Louis Wertheim, pres.; D. Gabrielsen, secy.; L. A. Klein, M. E., gen. mgr. Open pit; tunnel, 500 ft.; 250 days; 100 employes. Steam. T. H. Crabtree, mine supt.
Asbs.—Anglo-Canadian Asbestos Co., Montreal. Open pit. Steam.
Asbs.—Asbestos Club. Asbestos.
Asbs.—Glasgow & Montreal Asbestos Co. Glasgow and Montreal quarries. Steam.
Iron—W. H. Lambly, Inverness. Lambly mine. Chrome iron. Open pits; 1,200 tons; 200 days; 12 employes.
M.E.—Capt. Matthew Penhale, Mining Engineer.
Asbs.—A. Tremblay. Asbestos.
Asbs.—United Asbestos Co. Steam.

BROUGHTON STATION, Beauce Co. Pop. 200. Tel. Ry. 714.
Asbs.—Beaudoin, Veasy & Williams. Asbestos. Horse.
Asbs.—Hall & Price. Asbestos.
Copp.—Leeds Copper Co. Leeds mine. Shaft. Steam.

BUCKINGHAM, Labelle Co. Pop. 2,239. M.O. Tel. Ry. 114.
Asbs.—Asbestos Mining & Manufacturing Co., Denver, Colo. Tunnel.
Phos.—Angus Cameron. Phosphate.
Phos.—Dominion Phosphate Co. of London, England.
Phos.—General Phosphate Corporation. High Falls and Ross Mountain mines. Shafts. Steam.
Stone—A. Lomer.
Stone—Thomas Lyons.
Graph.—North American Graphite Co., Ottawa, Ont. Open cut. Steam.
Phos.—Ottawa Phosphate Co.
Stone—A. P. Twidale.

CHATEAU RICHER, Montmorency Co. Tel. Ry. 715.
Stone—L. M. Lambert.
Stone—Julien Lapointe.
Stone—L. N. L'Heureuse.
Stone—Simard Sifroid.
Stone—Jean Baptiste Tangway.

COLERAINE STATION, Megantic Co. Ry. 714.
Asbs.—Amenian Asbestos Co.
Asbs.—Lamley & Co. Asbestos.
Asbs.—Montreal Asbestos Co.
Asbs.—W. Sclater & Co., Montreal. Asbestos.

COOKSHIRE, Compton Co. M.O. Tel. Ry. 114; 491.
Cemt.—H. Sawyer. Cement.

COTE DES NEIGES, Hochelaga Co. Ry. Montreal, 114; 344.
Gran.—Laurentian Granite Co. P. Carriere, St. Phillippe, treas.; J. Brunet, gen. mgr. and buyer. Quarry at St. Phillippe.
Stone—D. Dupre.
Lime—Montreal Lime & Trading Co.
Stone—F. X. Prenoveau, Jr.

DANVILLE, Richmond Co. Pop. 825. M.O. Tel. Ry. 344.
Asbs.—Danville Asbestos & Slate Co. F. Boas, pres.; T. N. Greenshields, v. pres.; B. Marcuse, secy. and treas.

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DANVILLE—Continued
Open pit. 300 days; 400 employes. Steam. Asbestos mill, 100 tons fiber daily capacity. Crushers and Cyclone pulverizers. Steam.
Asbs.—W. H. Jeffery. Danville mine. Steam. Asbestos.

DRUMMONDVILLE, Drummond Co. Pop. 1,955. M.O. Tel. Ry. 114; 261.
Iron—John McDougall.

DUDSWELL CENTRE, Wolfe Co. Tel. Ry. 491; 714.
Stone—Dominion Lime Co., Sherbrooke. Dominion quarry. Limestone. Kiln. Steam.

EASTMAN, Brome Co. Tel. Ry. 114; 639.
Copp.—Memphremagog Mining Co. Copper.

EAST TEMPLETON, Ottawa Co. Pop. 450. Tel. Ry. 114.
Phos.—East Templeton Phosphate Syndicate.
Phos.—Gillespie & Peterson Mining Co. Phosphate.
Phos.—Jackson Rue Phosphate Co.
Phos.—Wm. McIntosh Phosphate Mining Co.
Mica—L. K. McLaurin.
Phos.—Templeton & Blancke River Phosphate Co.

EUSTIS, Sherbrooke Co. Ry. 82.
Copp.—Eustis Mining Co., 55 Kilby St., Boston, Mass. Pyrites and copper ores; 150 employes.

GLEN ALMOND, Ottawa Co. Ry. Buckingham, 114.
Phos.—Anglo-Continental Guano Works Co. Phosphate.
Phos.—British Phosphate Co., Ltd.

HELENA, Huntingdon Co. Pop. 400. Ry. Kilbain, 344.
Phos.—Canadian Northwest Mining Co. Phosphate.

HULL, Ottawa Co. Pop. 11,264. M.O. Tel. Ry. 114; 640.
Mica—Vayasour Mining Association, 22 Metcalfe, Ottawa, Ont. Mica. Vavasour mine. Shaft, 90 ft.; 150 tons; 300 days; 10 employes.
Stone—Wright & Co. Limestone; 30,000 tons; 300 days; 75 employes. Steam. Cement mill; 100 bbls. daily capacity.

INVERNESS, Megantic Co. Pop. 600. M.O. Ry. St. Julie Station, 344.
Iron—W. H. Lambly. Mine at Black Lake.
Asbs.—Dr. James Reed. Mine at Reedsdale. Asbestos.

JERSEY MILLS, Beauce Co. Pop. 150. Ry. 714.
Gold—Louis Gendreau. Jersey mine. Placer. Water.
Gold—John E. Hardman. Mine at St. George.

LA CARRIERE, Bagot Co. Ry. St. Hyacinthe, 114; 261; 344; 901.
Lime—Antoine Cote.
Lime—M. Guertin.
Lime—I. Hally.

LA CHUTE MILLS, Argenteuil Co. Ry. Lachute, 114.
Lime—I. Bradford.

LEEDS, Megantic Co. Pop. 500. M.O. Ry. Robertson Station, 714.
Iron—J. A. McVety. Leeds mine. Open pit.
Gold—J. H. Nutbrown. Gold and copper. Shaft, drift. Refractory ore.

LENNOXVILLE, Sherbrooke Co. Pop. 962. M.O. Tel. Ry. 82; 114; 344.
Stone—G. H. Nichols & Co.

LES DALLES, Montcalm Co. Ry. Joliette, 114.
Lime—D. Morin.

LIME RIDGE, Wolfe Co. Tel. Ry. 491.
Lm.Mb.—Dudswell Lime & Marble Co.

LONG POINT, Hochelaga Co. Pop. 250. Tel. Ry. Montreal, 114; 344.
Stone—Thos. M. Morgan. Limestone. 300 days; 22 employes. Steam. Cement mill; 10 tons daily capacity.

MARLOW, Beauce Co. Pop. 300. Ry. 714.
Gold—J. Armstrong & Co. Gold and silver. Shafts. Free ore.

MONTREAL, Montreal Co. Pop. 216,650. M.O. Tel. Ry. 114; 344.
Geol.—Frank D. Adams, Ph. D., Professor of Geology, McGill University, 393 Guy St.
Iron—Capt. R. C. Adams.
Asbs.—Anglo-Canadian Asbestos Co. Mine at Black Lake.
Phos.—Anglo-Canadian Phosphate Co.
Slate—Bacon Bros.
B.Coal—Andrew Baile.
Gran.—Louis Beaudin. Granite.
C.E.—I. A. U. Beaudry, Civil Engineer and Patent Solicitor, 107 St. James St.
B.Coal—I. E. Bouroon.
Cemt.—A. Bremner. Cement.
C.E.—John James Browne. Business carried on by T. H. Browne. Architect and Civil Engineer.
B.Coal—G. W. Cameron.
B.Coal—Canada Coal & Railway Co.
Iron—Canada Iron Furnace Co. Mine in Champlain Co. Furnace.
Min.P.—Canada Paint Co., Ltd., 72 William St. S. F. McKinnon, pres.; H. W. Aird, treas.; Robt. Munro, managing director. Cap. stk. $460,000, $395,000 pd. up. Mineral paint. Mine at Three Rivers.
Phos.—Canadian Industrial Co. Phosphate.
B.Coal—John Costigan & Co.
B.Coal—Edward Cavanagh Coal Co.
Marb.—A. R. Central. Marble.
Phos.—Coleraine Mining Co., Ltd. Phosphate mines at Coleraine.
Gold—Crescent Gold Mining Co. of Marmora, 30 St. John St. P. A. Peterson, pres.; Thos. Watson, secy. and treas. Cap. stk. $100,000, pd. up. Mine at Malone, Ont.
B.Coal—Cumberland Railway & Coal Co. R. Cowans, pres.; Hon. G. A. Drummond, v. pres.; H. R. Drummond, secy. and treas.; I. R. Cowans, gen. mgr.; E. Laflamme, buyer. Mine at Springhill, N. S.
Cemt.—W. A. & F. P. Currie & Co. Cement.
B.Coal—Dominion Mining Co.
Nick.—Dominion Mineral Co. Nickel. Mines at Sudbury, Ont.
As.Chem.—James T. Donald, Assayer, Chemist and Mining Geologist, 156 St. James St.
Mica—Judge Dugas.
Marb.—E. Earle. Marble.
Ch.Min.—B. J. Harrington, B. A., Ph. D., Professor of Chemistry and Mineralogy, McGill University. Late chemist and mineralogist to the Geological Survey of Canada.
Gran.—F. Hawkins. Granite.
Stone—W. M. Hendershot, Thorold, Ont. Mile End quarry. Blue limestone. 200 days; 25 employes. Steam. Stone crusher. 100 yards daily capacity.
Asbs.—Hopper & Co., Board of Trade. Asbestos.
B.Coal—Intercolonial Coal Mining Co., 199 Commissioners St. James P. Cleghorn, pres.; Henry A. Budden, v. pres. and man'g. director; Wm. J. Nelson, secy. and treas.; Chas. Fergie, M. E., mgr. Cap. stk. $750,000. $719,700 pd. up. Mine at Pictou, N. S.
Lime—Olivier Linoges.
B.Coal—I. D. McDiarmid & Co.
Gran.—Chas. McDonald. Granite.
Marb.—Chas. McDonnell & Bros. Marble.
Gran.—C. Marriotte. Granite.
Lime—Montreal Lime Co.
Stone—Montreal Quarry Co.
Attys.—Morris & Holt, 185 N. James St. (John L. Morris, Q. C., and Chas. M. Holt, author of "Canadian Railway Laws.") Advocates and Attorneys at Law. Members Bar of Montreal. Specialties: Banking, Mining, Commercial and Insurance Laws. Solicitors for Canadian Bank of Commerce, Life Assn. of Scotland, Glasgow & London Fire Ins. Co., Alliance Trust Co. of Scotland, North American Life Ass. Co., and many others. Compilers of the Laws of Quebec for the RECORD.
Slate—New Rockland Slate Co.
Phos.—North American Phosphate Co.
Phos.—Phosphate of Lime Co. Phosphate.
Iron—Rhoe, Lower & Co.
C.E.Sur.—Raoul Rinfret, Civil Engineer and Surveyor.
B.Coal—F. Robertson.
Asbs.—W. Sclater & Co., Ltd., 46 Foundry. Asbestos mine at Coleraine.
Phos.—Sebastopol Phosphate Syndicate.
C.E.—J. M. Shanly, Civil Engineer, Standard Bldg.
Gran.—Peter Smith Granite Co.
Phos.—Templeton & North Ottawa Mining Co. Phosphate.
Marb.—H. Vienne. Marble.
B.Coal—R. L. & I. Viponel.

PERCE, Gaspe Co. Ry. 34.
Stone—Jos. O. Boncher. Limestone.

PERKINS, Ottawa Co. Pop. 140. Ry. East Templeton, 114.
Phos.—Netherland Phosphate Co., Amsterdam, Holland. Amsterdam mine. Shaft, pit. Steam.

POURPORE, Ottawa Co. Ry. Buckingham, 114.
Phos.—Little Rapid Phosphate Mining Co.

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QUEBEC, Quebec Co. Pop. 63,090. M.O. Tel. Ry. 114; 713; 715.
Asbs.—Asbestos Mining Co.
Cemt.—T. A. Gauvreau. Cement.
Asbs.—King Bros. Asbestos. Mine at Thetford Mines.
M.E.—J. Obalski, Mining Engineer, Crown Lands Department Inspector of Mines for Province of Quebec.

REEDSDALE, Megantic Co. Ry. Ste. Julie Station, 344.
Mica—Consolidated Electrical Mining Co. of Canada
Asbs.—Reed Asbestos Co.
Asbs.—Dr. James Reed, Inverness. Asbestos.

RICHMOND, Richmond Co. Pop. 2,056. M.O. Tel. Ry. 344.
Slate—Danville Slate Quarry.
C.M.E.—Geo. H. Pierce, Civil and Mining Engineer.
Asbs.—Richmond Slate Quarrying & Asbestos Manufacturing Co.
Slate—St. Francis Slate Quarry.

ROBERTSON STATION, Megantic Co. Tel. Ry. 714.
Copp.—Theodore Pare. Copper.
Stone—Joseph Valliere.

ST. ALBAN, Portneuf Co. Pop. 400. Ry. La Chevrotiere, 114.
Stone—Geo. Beaucage. St. Alban quarry. Limestone. Steam. Mill. Kiln.
Stone—Pierre Chateauvert.
Stone—Damase Nand.
Lime—Francois Nand.
Stone—L. Perrusse.

STE. ANACLET, Rimouski Co. Pop. 200. Tel. Ry. 387.
Lime—Elizear Brisson.
Lime—I. Laurent.

ST. CUTHBERT, Berthier Co. Tel. Ry. 114.
Asbs.—Caspard Depon. Asbestos.

ST. FRANCOIS, Beauce Co. Pop. 500. M.O. Ry. 714.
Asbs.—Beauce Asbestos Co. Des Plantes mine. Steam.

ST. GEORGE, Beauce Co. Pop. 400. Ry. 714.
Gold—John E. Hardman, Jersey Mills. Slate Creek mine. Tunnel, 75 ft. Placer; 10 employes. Steam. Louis Gendreau, mine supt.
Gold—E. Burton Haycock, 46 Sparks, Ottawa, Ont. Star Gold mines. Prospecting shaft and pits. Free ore. Placer; black sand; 15 employes. Steam and water. Stamp mill, 4 tons daily capacity.

STE. HYACINTHE, Ste. Hyacinthe Co. Pop. 7,016. M.O. Tel. Ry. 261; 344; 901.
Min.P.—St. Hyacinthe Oil & Paint Co. Mineral paint.

ST. ISADORE JUNCTION, Laprairie Co. Tel. Ry. 344.
Lime—Arthur Gibrault.

ST. PAUL D'INDUSTRIE, Joliette Co. Pop. 400. Ry. Joliette, 114.
Lime—Gabriel Guilbault.
Lime—I. Maudeville.

ST. PHILLIPPE, Argenteuil Co. Ry. 114.
Gran.—Laurentian Granite Co., Cote des Niges, Que. P.O. Montreal. Laurentian quarry; 300 days; 10 employes. Horse.

ST. THEODORE D'ACTON, Bagot Co. Ry. Acton Vale, 114; 344.
Lime—Cyrille Martello.

SAULT AU RECOLLET, Hochelaga Co. Pop. 2,500. M.O. Tel. Ry. 114.
Stone—Eugene Dicard.
Stone—William Dicard.
Stone—Lagasse Harmidas
Stone—Gardien Menard.
Stone—Odile Sagnaw.

SHERBROOKE, Sherbrooke Co. Pop. 10,110. M.O. Tel. Ry. 82; 114; 344.
Asbs.—Beaver Asbestos Co.
Asbs.—British-American Land Co. Asbestos.
Stone—Dominion Lime Co. Limestone quarry at Dudswell Centre.
Marb.—Dominion Marble Co.
Asbs.—Luke & Mitchell. Asbestos. Mine at Thetford Mines.
Asbs.—J. S. Mitchell & Co. Asbestos. Mine at Thetford Mines.
Iron—S. E. Smith. Magnetic ore. Shaft.

SOUTH HAM, Wolfe Co. Pop. 500. Ry. Marbleton, 639; 714.
Anti.—James Reed. South Ham mine. Antimony. Shafts, tunnels. Steam.

SOUTH STUPELEY, Shefford Co. Pop. 150. Tel. Ry. 114.
Lime—C. A. Goddard.

STANSTEAD, Stanstead Co. Pop. 600. M.O. Tel. Ry. 82.
Stone—Haselton & Moir. Stanstead quarry. Light and dark granite. Steam. Mill.

SUTTON, Brome Co. Pop. 600. M.O. Tel. Ry. 114.
Copp.—Daniel F. Smith. Copper. North Sutton mine. Copper. Shaft.
Stone—D. L. Smith.

TADOUSAC, Saguenay Co. Pop. 500. Tel. Ry. 761.
Stone—J. E. Caron.

THETFORD, Megantic Co. Tel. Ry. 714.
Asbs.—Thetford Asbestos Mining Co.

THETFORD MINES, Megantic Co. Ry. 714.
Asbs.—Bells Asbestos Co. Steam and compressed air.
Asbs.—Johnson's Co. Asbestos. Steam.

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THETFORD MINES—Continued.
Asbs.—King Bros, Quebec. Asbestos.
Asbs.—Luke & Mitchell, Sherbrooke. Asbestos.
Asbs.—J. S. Mitchell & Co., Sherbrooke. Asbestos.

THREE RIVERS, St. Maurice Co. Pop. 8,334. M.O. Tel. Ry. 114.
Min.P.—Canada Paint Co., Ltd., 572 William St., Montreal. Open pit. Bog iron ore for manufacture of mineral paint. Paint mill.

WEST BROUGHTON, Megantic Co. Ry. Broughton Station, 714.
Copp.—Excelsior Copper Co.
Asbs.—Alf. Gagne. Asbestos. Mine at Quebec.
Copp.—Harvey Hill Copper Mines Co.
Iron—John Raleson.

WOLFESTOWN, Wolfe Co. Pop. 100. Ry. Coleraine Station, 714.
Asbs.—A. O. Bergeron. Asbestos. Horse.
Stone—Wolfestown Mining Co.

DETAIL LIST BY TOWNS AND STATES

— OF —

Mining, Quarrying, Kindred and Dependent Industries

— OF THE —

REPUBLIC OF MEXICO.

AGUALEGUAS, Nuevo Leon.
S.L.—Joaquin Maiz. La Blanca, La Rosita and La Constancia mines. Silver and lead. $1,400. 387 employes. Augusto C. Cotera, M. E., supt.

AJUCHITLAN, Guerrero.
C.Qsr.—Nestor Borja. Cap. $10,000. Roasting ovens and smelter for quicksilver. (Idle.)

APATZINGAN, Michoacan. Tel.
Stone—Cipriano Bustos, Aguilillа. Limestone.
Silv.—Felipe Bustos, Aguilillа. Silver.
Stone—Constancio Chavez, owner. Building stone.
Cop.—Braulio Madrigal, Tumbiscatio. Copper.
Silv.—Antonio Sierra, Uruapan. Silver.
S.C.—Victor Soto, El Ahuacate. Silver and copper.
Silv.—Jeronimo Valencia, Aguilillа. Silver.
Silv.—Zeferino Zepeda de Tepalcatepec. Silver.

ASIENTOS, Aguas Calientes. Tel.
S.L.Z.—Ignacio F. Chaves. Mexico, 1a del Relox No. 9½. Silver, lead and zinc. Refractory ore. Shaft and tunnels, 85 meters. 15 employes.

AUGANGUEO, Michoacan. Ry. 519.
G.S.—Cia. Jorge Monroe, Cluistiaes y Flor. El Nacimiento and La Providencia mines. Gold and silver. 10 to 30 ozs. per ton.
S.L.—R. Sotamayos y Huos, Las Animas. Sola, and 20 other mines. Silver-lead ore. 1,000 tons; 700 employes. Concentrator. Octaviano M. Betancout, M. E., supt.

CAPULALPAM, Puebla. Tel. Ry. 309.
Silv.—Compania Aviadora de la Minas de la Natividad. Silver. Refractory and concentrating ore. 90 tons.

CATORCE, San Luis Potosi. Pop. 18,000. Tel. Ry. 513.
Silver—Cia Gregorio de la Maza. Vincente Trizar, pres.; Joaquin de la Maza, v. pres.; Pedro de la Maza, secy.; F. M. Coghlan, M. E., gen. mgr. Cap. stk. $1,000,000. Santa Ana mine. 2 vertical, 2 incline shafts, 1,312 and 500 ft.; 2 tunnels, 3,690 and 3,936 ft. Free and refractory ore. 34,166 tons; 300 days; 1,800 employes. Steam and electricity.

CERRALVO, Nuevo Leon. Tel. Ry. Villaldama, 510.
S.L.I.—Joaquin Maiz, Monterey. La Blanca mine and extensions. Shaft, 500 ft.; tunnel, 600 ft. Silver, lead and iron. Smelting ore. 12,000 tons; 300 days; 100 employes. A. G. Cotero, mine supt.

CHICHICAPA, Tabasco.
G.S.—Juan Baiges. San Juan Bautista y El Carmen mine. Gold and silver. 110t. 16 employes.

CHIHUAHUA, Chihuahua. Pop. 12,000. Tel. Ry. 510.
Roll.M.—Compania Industrial Mexicana. E. C. Creel, pres. and treas.; M. Terrazos, secy.; Juan A. Creel, gen. mgr. and buyer. Cap. stk. $500,000, pd. up. Two gas furnaces; 3 trains rolls, 8, 10 and 20 inches. Bar iron, 350,000 tons; cut nails, 5,000 tons; 300 days; 350 employes. Frank Fletcher, supt.
G.S.—New Pinos Altos Mining Co., 110 Cannon st., E.C. London, Eng. Lord Onslow, J. M. Paulton, P. J. de Galindez and J. B. Palmer, directors. Cap. stk. £160,000, pd. up. Gold and silver. 300 employes.
G.S.—Cleofas Salazar, No. 10 Calle. de Oginaga. Gold and silver. Mine at Estacion Ferrazas.
G.S.—Santa Eduviges Mg. Co. Gold and silver. Mine at Ocampo.

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CHIQUILISTLAN, Jalisco.
G.S.—Lucio Garcia. Gold and silver. 80 employes.
Silv.—Guadalajara Mining Co. Manuel S. Corcuera, Vincente N. Vasquez, Timotes Rubalcaba, directors. Jesu Maria, San Rafael, San Antonio, San Jose, El Realito and Las Montanas mines. Silver. 32 tons; 45 employes.

CIUDAD JUAREZ, Chihuahua. Tel. Ry. 510.
B.Coal—Compania Carbonifera de Ciudad Juarez. Hon. Manuel M. Bauche, pres.; Col. Miguel Ahumada, v. pres.; Hon. Francisco Mallen, secy.; Max Weber, treas. Cap. stk. $100,000.

COAHUILA, Saltillo.
S.L.—Cia Minera Los Placeres. Anastacio Martinez Comerciante, pres.; Francisco Acurra, secy.; Juan Gabello Siller, treas. Cap. stk. $120,000. Los Placeres mine. Shafts and tunnels, 208 and 45 metres. Silver and lead. 3,000 tons. Octavio Lopez, supt.

COALCOMAN, Michoacan. Tel.
Gyp.—Pascual Morales. Gypsum.
Stone—Fernando Torres. Slate.

CONTEPEC, Michoacan.
Gems—Jose G. de Casio. Opals. 30 employes in quarry and 6 in factory.
Gems—Jorge Gonzalez. San Antonio mine. Opals. Eustacio Rius, supt.

CUAUTLA, Morelos. Tel. Ry. 390.
Onyx—Wm. Niven, 853 Broadway, New York. Cocomocatzin quarry. Rosolite onyx. (Idle.)

CUENCAME, Durango. Tel.
Stone—Buenaventura G. Saravia, owner. 2,500 tons; 8 employes.

DURANGO, Durango. Tel. Pop. 12,000. Ry. 511.
B.Fur.—Flores Iron Works. Juan Manuel Flores blast furnace. Output 7,150 tons pig iron; 95 tons bars; 60 employes. Water.
Stone—Pedro del Rio, owner. Leased to Pedro Verduzco. 4,160 tons.
S.L.—Compania Minera de San Andres de la Sierra, 2a Calle. Mayor 15. Manuel Rodriguez Ayon, pres.; Lic. Pedro Escarzaga, secy.; Carlos Steengrafe, treas. Silver and lead. Mines at San Andre, Durango.
Silv.—Octaviano H. Cornejo, Tejamen. Cap. $300,000. Shafts and tunnels, 150 meters. Silver. Refractory ore. 200,000 oz.; 200 employes. Amalgamator and concentrator. F. Weatherbee, M. E.
I.C.L.—Ignacio de la Torre. Cap. $80,000. Tunnel. Iron, copper, lead. 600 tons; 150 employes.
Me.M.E.—Wm. Viggers, Mining and Mechanical Engineer.

EL RODEO, Durango.
G.S.L.—Luis y Eugenio Natera. Tunnel, 48 metres. Guellermo Brink, M. E., mine supt. (Idle.)

ESTACION FERRAZAS.
G.S.—Cleofas Salazar, Calle. de Oginaga No. 10, Chihuahua. Tunnels, 500 ft. Value of output, $10,000. 20 employes. Felis Macdona, supt.

ETZALLAN, Jalisco. Pop. 8,000.
G.S.—Miguel de la Pina, Independencia 28. Tunnels, 80 meters. Gold, silver, lead and copper ores. 1,500 tons; 60 employes. Steam.
G.S.—Compania Minera qus Trabaja las Minas San Juan

ETZALLAN—Continued.
Santo Domingo y Posecion, Calle. de Escobedo No. 107. Ignacio Cardenas, pres.; Salvador Gomez, secy.; Marcelino Rodriques, treas.; Emeterio Arellana, M. E. Gold, silver and lead, $53.242. Shafts and tunnels, 342 meters; 310 employes. Compressed air and steam.

GUADALAJARA, Jalisco. Tel. Pop. 83,132. Ry. 510.
Gold—Compania Aviadora de Minas. 240 tons ore. 80 employes.

GUADALCAZAR, San Luis Potosi. Pop. 7,600. Tel. Ry. Villar, 510.
Silv.—San Rafael y Anexas de Guadalcazar, San Luis Potosi. San Rafael mine. Tunnel. Silver. Free and refractory ore. 1,500 tons; 240 days; 100 employes. Fred Cornish, M. E., mine supt.
Qsr.—New Guadalcazar Quicksilver mines, Ltd., 20 Bucklersbury, London, Eng. Wm. Furber, pres.; W. H. Salmon, secy.; Percy N. Furber, gen. mgr. Cap. stk. $165,000, $155,000 pd. up. 9,000 tons; 240 days; 350 employes. Reported as largest producer of quicksilver in Mexico.

GUANAJUATO, Guanajuato. Pop. 52,112. Tel: Ry. 510.
G.S.—Jesus Andrade. Santa Rita, Santa Gertrudis, Santa Elena, Restauradora, Porfia, Voluntad de Dios, Soledad, Las Carreras and Esperanz y Caridad mines. Gold and silver. Refractory ore.
G.S.—Compania Anonima. San Carlos mine.
G.S.—Cia. Aviadora Melladito San Pedro y San Pablo y San Miguelito. La Fe, Sireno and Sol y San Francisco mines. Refractory ore. Steam hoist. Augustin Ajuria, M. E., supt. Mines also at La Lur.
G.S.—Manuel Ajuria. San Cayetano de Animas mine. Gold and silver.
G.S.—Francisco Cisneros. Santo Tomasso mine. Gold and silver.
G.S.—Alejandro Cumming. San Bartolo mine. Gold and silver.
G.S.—Eusebio Gonzalez. Peregrina and Tojo de Dolores mines. Gold and silver.
G.S.—General Manuel Gonzalez. Burgos, Laureles, Salvador, Argentina and La Samaritana mines. Gold and silver. Steam hoist.
G.S.—Cia. La Concordia. Mellado y Anexas and Rayas y Anexas mines. Gold and silver. Magdaleno Mendoza, supt.
G.S.—Compania de La Trinidad. La Trinidad mine. Gold and silver.
G.S.—Cia Melladito, San Pedro y San Pablo y San Miguelito, Jardin de La Union. Francisco de J. Castanida, pres.; Ignano Ibarguingoitia, secy.; Jose Toaquin de Silva, treas. Cap. stk. $1,000,000. Jose Cruz Perer, M. E. and supt. Gold and silver. Mines at Mineral La Lur.
G.S.—Marcelino Palacio. Santa Nino del Hundido, El Nayal, San Vicente and El Cedro mines. Gold and silver. Steam.
G.S.—Parkman y Compania. La Barragana and La Libertad mines. Gold and silver.
S.L.—Negociacion de Pozos. Pozos mines. Silver and lead. Steam.
Stone—Reyes & Garciduenos. Flagstones. 650 cubic metres; 36 employes.
G.S.—Juan B. Rocha. Penafiel and Asuncion mines. Gold and silver.
Sul.—Miguel Rul, Hdn-de Flores. Sulphur. Tunnel. 18,000 tons.
G.S.—Miguel Rul. Valencia, Cata, Secho, San Lorenzo and Avispero mines. Gold and silver. Steam.
G.S.—Josefa Suarez. Dolores, Nopal, Santa Rosa and Promontorio mines. Gold and silver.
G.S.—Manuel A. Sucesores. Animas and Providencia mines. Gold and silver.
G.S.—Compania Unida Mexicana de Minas. El Cubo y San Cayetanos mine. Gold and silver. Steam.
G.S.—United Mexican Mines, Ltd., London, Eng. Plasuela de la Union No. 2. Grover Johnson, chairman, London, Eng.; W. Leigh Hunt, secy., 3 Great Winchester st., London, Eng. Cap. stk. £125,000, pd. up. Shaft and tunnels, 800 and 1,500 meters. Gold and silver. Refractory ore. 700 employes. Steam. Emileo Perea, M. E.

HIDALGO DEL PARRAL, Chihuahua. Tel.
G.S.—Pedro Albarado. Gold and silver. Refractory and concentrating ore. 1,500 tons; 150 employes.
Silv.—Manuel G. y Luna. Plasa Porfirio Diaz No. 2. Silver. Tunnel, 80 meters. 20 employes.

HOSTOTIPAQUILLO, Jalisco.
G.S.—Louis Gonzalez Villegas, Ixtlan, Territorio de Tepic. Mocolva mine. Gold and silver. 2 employes.

HUACANA, Michoacan.
Cop.—Jose Cruz Olivares. La Capilla mine. Copper. 2 employes.
Cop.—Anolelo Cushejou. La Concepcion mine. Copper. 5 tons daily. 18 employes. Hand. Matias Conejo and Jesus Cardenas, supts.

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HUARICHIO, Durango. Ry. 511.
G.S.C.—Cia La Turqueza, Plaza Principal. Erneto Fuchs, pres.; Miguel Torres, secy.; Seledonio Castillo, treas. Gold, silver and copper. La Turqueza mine. (Idle.)

HUAUTLA, Morelas.
S.L.—Cia Minera de Huautla. Several mines. Silver and lead. Eugenio Canas, supt.

HUETAMO, Michoacan. Tel.
Cop.—Hermanos Irigoyen. Carmen, Loreto and Guadalupe mines. Copper, with traces of silver. 1,000 tons; 30 employes. Hand. Ship to Germany.
S.L.—Cia Gran Negociacion Minera de Michoacan. Armaritina, San Ignacio and Restauradora mines. Silver and lead. 260 tons; 35 employes. Smelters and dry process. Steam. Juan Halles, supt.

INDE, Durango. Tel
G.S.L.—Cia Inde y Bufa. Miguel Melo Samper, pres.; Aristeo Posada, secy.; Ignacio Leyvo, treas.; Jesus Mireles, M. E. Tunnel, 50 meters. Silver, gold, lead and iron ore. 600 tons; 24 employes.
L.Z.S.—Avila y Javela Compania Minera. Calle. Principal No. 8. Cap. $2,400. Ernesto Avila, pres.; I. Palacio, secy.; Lisanoro Javela, treas.; Amavo Javela, M. E. Shaft. Tunnel, 45 meters. Lead, iron, zinc and silver. 20 employes.
G.S.L.—Compania del Potrillo. Victoriano Martos, pres.; Pedro Martos, secy.; Leamberto Martos, treas. Cap. stk. $200,000. Shaft, 72 meters. Gold, silver, lead ore. 1,200 tons; 20 employes. Victoriano Martos y Salas, supt.

IXTLAHUACA, Guanajuato. Tel.
G.S.—Cia Minas del Oro. Descubridora Providencia, San Rafael and San Antonio mines. Gold and silver. Free and concentrating ores. 1,300 tons; 300 employes. F. H. Blake, M. E. Ambrosio Molina, supt.

IXTLAN, Michoacan
Salt—Francisco Madrigal. Ninety tons.

JIQUILPAN, Michoacan.
Stone—Senora Jesus Arceo. Limestone.
Stone—Mariano Betancourt.
Lime—Francisco Ordaz. 600 tons.
Stone—Jose Maria Perez. Red sandstone.
Stone—Rafael Quiroz.
Marb.—Maria Guadalupe Ramirez. Pearl marble.
Stone—Jose D. Sanchez. Red sandstone.
Stone—Tomas Sanchez. Limestone.

LACHATAO, Oaxaca.
Silv.—Fenochio Hermanos. Silver. Refractory ore.
G.S.—Oaxaca Mining Co., Ltd., Fenchurch Buildings, London, E. C. San Francisco, Santa Cruz, San Lucas, Santa Gertrudis y El Corazon, San Cayetano, San Jose and La Manchega mines. 250 tons; 25 employes.

LA HACIENDA DE YAGE, Oaxaca.
G.S.—Manuel Figueroa. La Soledad mine. Gold and silver. 200 tons; 32 employes.
G.S.—Nenceslao Garcia. Trinidad, San Francisco el Grande y San Francisquito mines. Gold and silver. 4 employes.
G.S.—Oldefonso Gonzales. San Jose de Gracia mine. Gold and silver. 12 employes.

LA LUR, Guanajuato.
G.S.—Cia Melladito, San Pedro y San Pablo y San Miguelito, Guanajuato. Tunnels, 250 meters. Gold and silver. 4,500 tons; 150 employes. Steam. Angel de Alzua, mine supt.
Anti.—S. Jesus Andrade. 250 meters. Shaft and tunnel. 2,500 tons. Antimony, silver, sulphides and sulphur. Angel de Alzua, mine supt. Steam.

LAS VEGAS, Vera Cruz. Tel. Ry. 390.
S.G.L.—Cia Minas de El Aquilla y La Salud. Calle. Donceles, No. 18. Constantino Noriega, pres.; Pedro Ferrer, secy.; Angel de Caso, treas. Cap. stk. $60,000. Shaft, 30 meters, and tunnels. Silver, gold, lead ore. 2,000 tons; 75 employes. A. de la Oliva, M. E., supt.

MAGDALENA APASCO, Oaxaca.
Onyx—Perez Marin y Fenochio.

MAROMA, San Luis Potosi. Ry. Matehuala, 510.
G.S.—San Miguel Mining Co., P.O. Box 113, Matehuala. Loporeno, San Miguel and other mines. Shaft and three tunnels, 1,049 ft. Free ore. 3,100 tons; 350 days; 280 employes. Frue concentrator. Water. Jose Valedez, mine supt.

MATAMORAS, Tamaulipas. Pop. 20,000. Tel. Ry. 513.
Silver—Tamaulipas Mining Co. G. M. Raphael, pres.; Jose C. Mainero, secy.; M. Rougier, treas.; Pablo Lavin, gen. mgr. Claim at San Nicolas.

MATEHUALA, San Luis Potosi. Tel. Ry. 505; 906.
Cop.—Dolores Copper Mining Co., P.O. Box 113. W. B. A. Dingwall, M. E., pres., gen. mgr. and buyer; Jose Perez y Perez, v. pres.; Filiberto Castillo, secy.; Albert Jimenez, treas. Cap. $40,000. Dolores mine and extensions. Tunnels, 800 ft. Smelting ore. 5,000 tons; 300 days; 300 employes. Luciano Morena, mine supt.
S.L.—W. B. A. Dingwall, P.O. Box 113. Corpus Christi mine. Tunnel, 1,200 ft. Smelting ore. Luciano Moreno, mine supt. (Idle.)
M.E.—W. B. A. Dingwall, Mining Engineer, P.O. Box 113. General management of mines and treatment of gold, silver, copper and lead ores.
C.G.S.—El Azul Mining Co., P.O. Box 113. Sotero Hoyuela, pres.; Valentine Fernandez, v. pres.; A. Moreno, secy. and treas.; W. B. A Dingwall, gen. mgr. and buyer. Cap. $12,000. El Azul anexas mine. Shaft, 100 ft. Tunnels, 100 and 200 ft. Smelting ore. Copper, gold, silver and lead. 2,500 tons; 300 days; 150 employes. Luciano Moreno, mine supt.
G.S.L.—La Paz Mining Co. San Luis Potosi, Santa Maria de la Paz and other mines. Shafts, 1,300 to 1,350 ft. Gold, silver, copper, etc. 60;000 tons. 1,500 to 1,800 employes. Concentrator. Steam. W. B. A. Dingwall, gen. mgr.
G.L.—San Jose Chorreadero Mining Co., P.O. Box 113. San Jose Chorreadero mine. Tunnel, 1,050 ft. Smelting ore. 300 days; 50 employes. Antonio Munoz, mine supt.
G.S.—San Miguel Mining Co., P.O. Box 113. W. B. A. Dingwall, pres., gen. mgr. and buyer; A. Jimenez, treas. Cap. $20,000. Mine at Maroma.

MEXICO, Mexico. Pop. 350,000. Tel. Ry. 367; 390; 509; 510; 513; 517.
Silver—Negociacione del Colcnio y Anexas. Calle. de Jesus Maria No. 1a. Manuel Iturbe, pres.; Luis Lopez, secy.; Jose Portillo, treas. Cap. stk. $100,000. Mines at Taxco.
S.L.Z.—Ignacio F. Chaves, 1a del Relox No. 9½. Juan N. Alvarado, treas. Silver, lead and zinc. Mine at Asientos.
As.M.E.—Richard E. Chism, Consulting Mining Engineer, Assayer and Patent Agent. Editor and proprietor of El Minera Mexicano (mining journal.)
Roll.M.—Compania Metallurgica. Rolling mill.
Gold—Negociacion Minera de Peras, 1a Calle. San Francisco No. 9. Guillermo D. Landa y Escandon, pres.; Vicente Vertinz, secy.; N. Alvarer, treas. Cap. stk. $250,000. Shafts and tunnels. Refractory ore. 500 ozs. gold. 150 employes. Chlorination process. Mavedo Pena, supt.
Silv.—Nueva Compania Minera Nacional Mexicano, Callejon de Sta. Clara No. 6. Manuel Guiral, pres.; Adolfo T. Chaix, secy.; Frederico Garcia Moreno, treas. Mine at Tialpujahua, Michoacan.
G.S.—San Luis El Moral Mines. Ramon de Caso y. Demetrio Salazar, owners. Calle. Donceles No. 18. Gold and silver. Mines at Zacualpau.
Silv.—Negociacion Minera de San Juan Quebradilla. Manuel Rivera, financial agent. Cerrada de Santa Teresa No. 5. Silver. Mines at Temascaltepec.
Silv.—San Rafael y Anexas. Calle. Sta. Felence No. 13. Felipe N. Barras, pres.; Leopoldo Blaiquez, secy.; Jose Olmedo y Luna, treas. Cap. stk. $300,000. Silver. Mine at Pachuca.
Silv.—Negociacion Minera San Silverio a Colon. Joaquim de Fruebra, pres.; Alfredo Ochoa, secy. Cap. stk. $240,000. Silver. Claim at San Pedro de los Pezos, Guanajuato. Crisanto Rodea, M. E., supt.
S.L.—Cia Testamentaria de Minas del Mendoza y Cortina. Antonio Bazagote, agent. Calle. Capuchinas No. 2½. Silver and lead. Mines at Tlaquiltenango.

MONTEREY, Nuevo Leon. Pop. 16,000. Tel. Ry. 513; 553.
S.L.—L. Baredon. Baredon, Los Locos and Los Rafaeles mines. Silver and lead. Refractory ore. 300 tons; 30 employes. Melchior Calderon, M. E., supt.
S.L.—Cia Minera de El Durazno. El Durazno mine. Silver and lead. Refractory ore. 52 tons; 30 employes. Guadalupe Seal, supt.
Silv.—Cia Minera Fundidora y Afinadora, Calle. de Doctor Mier, Casa de Milmore. Francisco Belden, pres.; Adolfo Zambrano, secy.; Reinaldo Berardi, treas. Silver. Mines at Villa de Ocampo.
Smlt.—Cia Minera Fundidora y Afinadora. Smelter.
I.L.—E. A. Gonzalez y Cia (J. Gonzalez Trevino, E. A. Gonzalez). Lead, iron and silver. 450 tons; 60 employes. D. Cristobal Lopez, M. E., supt.
Lead—Cia Minera La Americana. Francisco Armendaiz, pres. Americana and Guadalupe mines. Lead carbonates. Refractory. 520 tons; 50 employes. Atanasio Sanchez, mine supt.
Iron—La Gran Fundicion Nacional Mexicana. San Antonio mine. 5,200 tons; 25 men. Cableway. O. H. Harker, M. E., supt.
Smlt.—La Gran Fundicion Nacional Mexicana. Smelter.
S.L.—Joaquin Maiz. Cap. $250,000. San Pedro, La Priza, La Vizcania and 5 other mines. Shafts and tunnels. Silver and lead. Refractory ore. 35,000 tons; 550 employes; 300 days. Gravity cars. Electricity. A. G. Cotero, M. E., mine superintendent.

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MONTEREY—Continued.
Marb.—Municipio de Monterey. Black and white marble.
Lead—Cia Minera de Santa Teresa. La Santa Teresa mine. Lead. 300 tons; 500 employes. Anastasio Berastequi, supt.

NACOZARI, Sonora.
G.S.—Valenzuela Consolidated Land & Mining Co., 431 California st., San Francisco, Cal. Valenzuela, San Patricio, San Julis, Cesar and San Felipe claims. Tunnel, 600 ft., and shafts. Gold and silver. Free ore.

NATIVITAS, Oaxaca.
G.S.—Pedro Meijueiro. Gold, silver and lead. Refractory ore. 16 employes.

NIEVES, Zacatecas. Tel.
Silv.—Cia Minera Almaden y Anexas. Jesus G. Pinera, pres.; Manuel Arturo Arellano, secy. and supt.; Manuel Villegas, treas. Cap. stk. $24,000. Tunnel, 55 meters. Silver, antimony, iron pyrites. Refractory ore. 2,000 tons. 200,000 ozs. silver. 200 employes.

OAXACA, Oaxaca. Pop. 27,856. Tel. Ry. 516.
G.S.—Francisco Camacho, 7a Calle. de Morelos, No. 40. Gold and silver. Gold mines at Santa Catarina and San Mateo, and silver mine at Santa Catarina, Oaxaca.
G.S.—La Soledad y Anexas, Calle. Colin, No. 1½. Manuel Tigueroa, supt. Shafts and slopes, 115 meters. Silver, gold, iron ore. Refractory. Value annual product, $100,000. 100 employes.
G.S.—Bonifacio V. Martinez, 4a Avenida Morelos, No. 23. Gold and silver. Mine at San Geronimo Tabiche.
G.S.—The Oaxaca Mining Co., Ltd., Fenchurch Buildings, London, E. C. Gold and silver. Mines at Lachatao, Oaxaca, San Geronimo Tabiche, Oaxaca, and Totolapam, Oaxaca.

OCAMPO, Chihuahua. Pop. 5,000. Ry. Chihuahua, 510.
G.S.—El Refugio Mining & Milling Co., Omaha, Neb. El Refugio mine. Shaft, 600 ft.; five tunnels, 4,000 to 4,200 ft. Free ore. 18,000 tons; 300 days; 300 employes. 35-stamp mill, 50 to 60 tons daily capacity. Steam. C. A. White, mine supt.
G.S.—Cia. Minera de Santa Eduviges, Chihuahua. Santa Eduviges mine. Tunnel, 1,800 ft. Gold and silver. Free ore. 24,000 tons; 300 days; 300 employes. 20-stamp mill, 4 Bryan mills, 80 to 100 tons daily capacity. Steam and water.
G.S.—Santa Juliana Mining & Milling Co., New York. Santa Juliana mine. Shaft and tunnel, 1,250 ft. Gold and silver. Free ore. 12,000 tons; 300 days; 400 employes. 25-stamp mill, 40 tons daily capacity. Electricity, steam and water. James Gasson, mine supt.

PACHUCA, Hidalgo. Pop. 12,000. Tel. Ry. 367; 509; 510.
Silv.—Cia. de San Rafael y Anexas, Mexico. Shafts and tunnels, 400 meters. Silver. Refractory ore. 64,000 tons; 1,000 employes. Air compressors and steam. Juan B. Blaiquez.
E.M.—N. H. Emmons, E. M., Agent Gran Fundicion Nacional Mexicana de Monterey.

PANUCA, Zacatecas. Ry. Zacatecas, 510.
Gold—C. A. Phelps & R. S. Lee, Sombrerete. Santo Domingo claim. Free ore.

PARRAL, Chihuahua. Pop. 10,000. Tel. Ry. Jimenez, 510.
Silv.—Francisco Gomez y Cia., 2a Calle. de Coronado No. 2 (Apt. No. 13). Francisco Gomez, pres.; Aliguel Chavez, secy.; Miguel Chavez, treas.; Juan Almanzan, supt. and gen. mgr.; Simon Armendariz, buyer. $65,000 invested. San Patrico mine. Shaft, 150 ft.; tunnel, 1,500 ft. Silver. Free ore. 2,500 tons; 300 days; 80 employes.
Silv.—Hidalgo Mining Co., 50 9th st., Pittsburg, Pa. Fourteen claims. Shaft, 925 ft. Silver. Free ore. 20,000 tons; 300 days; 400 employes. Steam. Roller mill, 80 tons daily capacity.
Silv.—Compania Minera del Tajo, 2a Calle. de Coronado No. 2. Francisco Gomez, pres.; L. J. Prieto, secy.; Miguel Chavez, treas. $10,000 invested. El Tajo mine. 2 shafts, 180 and 300 ft. Silver. Refractory and free ore.

PATZCUARO, Michoacan. Pop. 8,000. Tel. Ry. 513.
Stone—Luis G. Arriaga, owner.
Stone—Estanislao Victoria, owner.

PINOS ALTOS, ship. Chihuahua, Mex. Cent. Ry., Mex.
G.S.—Bravo Mine Syndicate, Ltd., 110 Cannon St., E. C., London, Eng. J. B. Palmer, secy.; Sir A. Buchan Hepburn, Col. David Milne-Home, and Lt. Col. Chas. D. Rich, directors. Bravo mine. Tunnel, 850 ft. Gold and silver. Free ore.

PINOS, Zacatecas. Pop. 10,000. Tel.
G.S.—La Candelaria y Anexas, 1a Calle. Maltos No. 1, San Luis Potosi. 7 shafts, 1,000 ft. Gold and silver. Free ore. 3,000 tons; 300 days; 500 employes. Arrastre.

PUERTO DE SANTA ROSALIA, Lower California. Pop. 4,681.
Cop.—Compagnie du Boleo, 56 Rue de Provence, Paris. M. C. Laforgue, gen. mgr. Cap. stk. 12,000,000 francs. Providencia group: Carmen, San Alberto, Sombrero and Montado mines. Purgatorio group: San Francisco, La Key and Soledad mines. Soledad group: San Luis Amelia, Avingen and Santa Rita mines. Galleries, 44,000 meters. Copper. Refractory ore. 133,000 tons; 300 days; 74 employes. 7 furnaces, 10,500 tons an. output. Steam and electricity. Operate 32 kilometres ry.; 6 locomotives; 160 cars; 33 canal boats; 2 steamers, and 4 steam launches.

RAMOS, San Luis Potosi. Pop. 1,000. Ry. Salinas, 510.
S.C.—Ramos Mining Co., Milwaukee, Wis. Cosinera mine. Shaft, 1,200 ft. Silver and copper. Smelting ore. Steam.

REFUGIO, San Luis Potosi. Pop. 6,000. Ry. Potrero, 906.
Silv.—Anonim Mining Co., San Luis Potosi. El Refugio mine. Shaft, 700 ft. Tunnel, 4,264 ft. Silver. Free and refractory ore. 5,300 tons; 300 days; 150 employes.

ROSARIO, Lower California.
Onyx—New Pedrara Onyx Co., 644 First Ave., New York. New Pedrara quarry. 10,000 cubic ft.; 300 days; 20 employes.

SAN ANDRES. Durango.
S.L.—Cia Minera de San Andres de la Sierra, Durango. Shafts, 300 meters. Silver, lead, zinc and iron ore. 4,000 tons; 800 to 1,000 employes. Smelter; 2 water jacket furnaces. Andres Aldasoro, M. E.

SAN DIEGO, Durango.
S.L.—Cia. Minera Fundidora y Afinadora de Monterey, Mex. La Cruz mine. Tunnel, 90 meters. Silver, lead. Refractory ore. 3,600 tons; 130 employes. M. Borrego, supt.

SAN DIMAS, Durango. Pop. 5,000. Tel.
G.S.—Candelaria & Durango Mining Co., 40 Broadway, New York. Candelaria mine. Gold and silver. Free ore. Compressed air, water and electricity.

SAN GERONIMO TABICHE, Oaxaca.
Silv.—Guillermo Miejueiro y Gral. La Escuadra mine. Shaft, 180 ft. Silver. 30 employes.
G.S.—Silverio Juniarritu. El Conejo mine. Shaft, 100 ft. Gold and silver. 8 employes. Arrastreas.
G.S.—Bonifacio V. Martinez, 4a Avenida Morelos No. 23, Oaxaca. El Renacimiento mine. Gold, silver and lead.
Silv.—Oaxaca Mining Co., Ltd., Fenchurch B'l'd'gs, London, E. C. San Bartolo, San Antonio, El Rosario, El Consuelo, Vichache and Santa Catarina mines. Shaft, 300 ft. Silver. 65 employes.
G.S.—Jose M. Sanabria. San Juan Francisco, Santa Cruz, Victoria, La Purissima, Navidad y El Carmen mines. Gold and silver. Refractory ore. 125 tons; 45 employes.
Silv.—Tomas Zanabria. San Francisco mine. Silver. Value an. product, $1,200. 14 employes.

SAN JUAN, Oaxaca.
Gold—Bonifacio Vicente Martinez. Santa Catarina, Guadalupe, Corazon de Maria, Corazon de Jesus, Senor de las Penas, Los Dolores and Cinco Senores mines. Gold and lead. 150 tons; 30 employes.

SAN JUAN, Lower California. Ship Los Angeles Bay, Gulf Cal.
G.S.—San Juan Mining Co., San Francisco. San Juan mine. Shaft and tunnel, 800 ft. Gold and silver. Refractory ores. 8,000 tons; 300 days; 150 employes. Steam. Two Tustin mills, 30 tons daily cap. Three-fourths mile tramway; 6 mule cars. C. Cranz, Jr., mine supt.

SAN LUIS POTOSI, San Luis Potosi. Pop. 37,500. Tel. Ry. 510; 513.
Silv.—Anonime Mining Co. Silver. Mine at Refugio.
Silv.—Los Argentinas Mining Co. Henry Schroeder, pres. Cap. $100,000. Silver. Mine at Velargrande, Zacatecas.
G.S.—La Candelaria y Anexas, 1a Calle. de Maltos 1. Henry Schroeder, pres. Cap. stk. $300,000, pd. up. Gold and silver. Mine at Pinos.
G.S.L.—Cia. Minera de La Paz. Pedro Barrenechea, pres.; Francisco Sanchez Barrenechea, secy. and treas.; W. B. A. Dingwall, gen. mgr. Cap. stk., market value, $1,680,000. Mexican. Gold, silver, lead, etc. Mines at Matehuala.

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SAN LUIS POTOSI—Continued.
Silv.—San Rafael y Anexas de Guadalcazar. Directors, Emilio Mackeprang, pres.; Edward Pitman, A. B. Ecklemann and Percy N. Furber. Silver. Mines at Guadalcazar.

SAN MATEO, Tehuantepec, Oaxaca.
Gold—Francisco Camacho, 7a Calle. de Morelos No. 40, Oaxaca. La Soledad and Las Penas mines. Free ore. 12 employes.
Gold—Viuda de Haldo. Dulce Nombre mine.
Gold—Jose Velasquez. El Carmen and Chico mines. Refractory ore. 125 tons; 6 employes.

SAN MIGUEL, Peras, Oaxaca.
Gold—Nenceslao Garcia. San Pedro y San Pablo, Guadalupe, Rosario, Los Reyes, Soledad, Carmen, Santa Rosa, Santa Rita, San Miguel, San Rafael, San Leandro and San Pedro Pascual mines. Refractory ore. 100 employes.
Gold—Negociacion Minera de Peras. La Purissima, San Ignacio, Santo Nino, La Trinidad, El Carmen, La Soledad, La Asuncion and Corral de Piedra mines. Refractory ore. 152 employes. E. Girault, supt., Apartado del Correo No. 41, Oaxaca.
Gold—Escandon Huos. Carmen, Soledad and Monserrate y Cinco Senores mines. Free milling ore. 100 tons, $1,600. 4 employes.
Gold—Manuel Ortiz. La Providencia, San Miguel Sebastopol, Soledad and San Miguel de la Cumbre mines. Free milling ore.
Silv.—Miguel Castro. Dolores, Sacramento, San Miguel, El Rosario, Candelaria and San Andres y San Joaquin mines. Silver. 225 tons; 90 employes.

SAN PABLO, Cuatro Venados, Oaxaca.
G.S.—Francisco G. Quijano. Gold and silver.

SAN PEDRO, del Gallo, Durango.
Stone—Manuel Martinez y Juan N. Leal. Whetstone. Five employes.

SAN PEDRO, Totomachapa, Oaxaca.
Silver—Joseph Loaeza. Purissima, Cenicero and Santiago mines. Galena and carbonate of lead. Refractory ore. 75 tons, worth $3,000.

SANTA CATARINA, Minas y Tehuantepec, Oaxaca.
Silv.—Francisco Camacho, 7a Calle. de Morelos No. 40, Oaxaca. Jose de Gracia mine. 15 tons, worth $1,500. 10 employes.
Gold—Francisco Camacho, 7a Calle. de Morelos No. 40, Oaxaca. Providencia mine. Free milling ore. 75 tons, val. $1,000. 12 employes.

SANTIAGO, Testitlan, Oaxaca.
Iron—I. N. Aguirre Urreta. Magnetic iron ore. 210 tons, val. $3,000. 20 employes.

SOMBRERETE, Zacatecas. Tel.
G.S.—C. A. Phelps & R. S. Lee. Cap. $3,000. Mines at Panico and Veta Grande.

SONORA, Sonora. Pop. 8,000. Ry. Santa Ana, 834.
G.S.—El Grupo Mining Co., Tucson, Arizona. El Grupo mine. 25 employes.

SULTEPEC, Mexico.
S.L.—Hidalgo Smelting Co. La Cruz, Cerro Partido and Ocampo mines. Silver and lead. Refractory ore. Water and steam. Jorge Cawthorne, M. E., supt.
Sil.S.—Hidalgo Smelting Co., 408 Milwaukee St., Milwaukee, Wis. Silver smelter. Mine and smelt 20 tons daily.
Stone—Pueblo de Pozontepec. Limestone and lime. 112 tons.
Lime—Rancheria de Zalayatla. Limestone and lime. 375 tons.
S.L.—Compania Minera de Sultepec. Vetilla, Agua Buena, San Antonio, La Uva and San Brarillo mines. Silver and lead. Refractory ore. Smelter. Water. G. Wrightson, supt. Nine miles from Sultepec.
Silv.—Zona Minera de Sultepec. Garcia Hermanos and Richard Bray, London, Eng. San Nicolas, Maronaga, San Miguel, Dolores and Santa Rosa mines. Silver. Developing.

TALPA, Jalisco.
Salt—Ceroste y Compania. 75 tons.
Salt—Mariano Garate. 75 tons.
Salt—Castanos y Hermanos. 75 tons.
Lime—Crescencio Palomera. Limestone and lime. Output 1,500 loads.

TAPALAPA, Chiapas.
Silv.—Larios y Compania del Sayula, Jalisco. Silver. 50 employes.
Cop.—Jesus Soto. Copper. 75 employes.

TASCO, Guerrero.
S.L.—Gonzalo Estrada Leguizanio y Cia. Gonzalo Estrada, pres.; Albino Estrada, secy. and treas. Cap. stk. $40,000. Tunnel, 80 metres. Silver and lead. Refractory ore. 10,000 tons; 200 to 500 employes. Pedro D. Olevre, supt.

S.L.—Francisco Paguentin. Tehuiletepec mine. Tunnel, 250 meters. Silver and lead. Refractory ore. 250 tons; 50 employes.
Silv.—Negociacione del Colonio y Anexas Mexico. Tunnels, 200 meters. Silver. 25 employes. Air drills. Cecilia Trestrio. Developing.
Silv.—Mauricio N. Morales. Xshocotillan mine. Shaft and tunnel, 75 meters. Silver. Refractory ore. 30 employes.

TEHUACAN, Huajuapam, Oaxaca.
Silv.—Lic Jose G. Tagle. Montenegro, El Trabajo, La Nueva, El Nanche and El Zapote mines. Lead and silver. Refractory ore. 110 men.

TEMASCALTEPEC, Mexico. Pop. 5,000. Tel.
Silv.—Negociacion de Magdalena la Vieja. Magdalena la Vieja, San Francisco, La Fortuna mines. Silver. Free milling and concentrating ores. Raymon Fernandez and Francisco Jaymet, supts.
G.S.—Negociacion Minera del Rincon y Anexas. Antero Munuzuri, proprietor. Las del Rincon, La Sierra, Las Animas mines. Gold and silver. 300 tons; 130 men. Steam and air. Pedro Unanui, M. E., supt.
Silv.—Negociacion Minera de San Juan Quebradilla, Mexico. San Juan de Quebradilla mine. Silver, 20,000 oz. per month; lead, zinc, antimony. 300 employes. Steam. Manuel Tamborrel, M. E., supt

TEOJOMULCO, Oaxaca.
Silv.—Josefa Loaeza. San Pablo, San Juan, El Padre Eterno, Soledad, San Francisco and Dolores mines. Silver.

TEPIC, Tepic. Pop. 12,000. Tel.
Silv.—Compania Minera El Zopilote y Anexas, Ltd. Cap. stk. $600,000, Mexican money. Alejandro Agray, M. E., pres.; Heinrich Meyer, secy.; Delius & Co., treas. Shaft and tunnel. 70 meters. Silver, 300,000 oz. 900 employes.

TLALPUJAHNA, Michoacan.
Silv.—Nueva Compania Minera Nacional Mexicana, Mexico. Nueva Nacional Mexicana mine. Tunnels, 189 meters. Silver. Refractory ore. 105 employes. Filiberto Alarcon, mining engineer.

TLAQUILITENANGO, Morelos.
S.L.—Henriques Soto Cortina. Santa Ana and Santo Nino mines. Silver and lead. Concentrating ore. 200 tons. 36 employes. Benjamin C. Watson, M. E., supt.
Silv.—Cia. Minera del Real de Huauth. Santiago and 14 other mines. Silver. Refractory ore. 40 employes. Hand. A. V. Hoppensteat, M. E., supt.
S.L.—Cia. Minera de Peregrina. Peregrina and San Francisco mines. Silver. 52 employes.
S.L.—Testamentario de D. M. Mendoza Cortina, Mexico. San Jose and other mines. Silver and lead. Free ore. 3,000 tons; 250 employes. Steam pumps. Juan Fiol, M. E., supt.

TLASOYALTEPEC, Oaxaca. Ry. Oaxaca, 516.
Gold—Escandon y Hermanos. Rosario, Purissima and San Leandro mines. Free milling ore. 300 tons; 100 employes.
Gold—Vicente Gallardo. La Soledad mine.
Gold—J. L. Grandison y Compania. Las Angustias and San Antonio y Soledad mines. Free milling and concentrating ore.

TOPIA, Durango. Pop. 2,800. Tel. Ry. Culiacan, 825.
G.S.L.—Gurney Mining & Milling Co., 407 Monadnock Bldg., Chicago. La Madrugada mine. Tunnel, 1,500 ft. Gold, silver and lead. Free and refractory ores. 4,500 tons; 300 days; 200 employes. Water. Stamp mill, 20 tons daily capacity.
Lead—Antonio Anitua. San Felipe mine. Lead and copper. 15 employes.

TOTOLAPAM, Oaxaca.
Silv.—Oaxaca Mining Co., Ltd. Victoria, Sanctissima Trinidad, La Purissima Concepcion, Santa Maria, La Divina Providencia, San Francisco, Nuestra Senora, Santa Catarina and San Ignacio mines. Silver. 500 tons; 90 employes.
La Soledad mine. Silver. 90 tons; 22 employes. Angel Flores, supt.

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TRIUNFO, Lower California.
G.S.—Cia. Progresso, San Francisco, Cal. Ten shafts, 300 to 1,500 ft. Silver, gold, lead, copper, $720,000 per annum. 1,200 employes. Lixiviation process. Stamp mill. Steam. R. Grigsby, supt.

VELARDENA, Durango. Pop. 3,500. Tel. Ry. 511.
G.S.C.—Hileta Gold & Silver Mining Co. Philetus Sawyer, pres.; H. E. Jewell, secy.; Richard Guenther, treas. and gen. mgr.; R. Guenther, Jr., buyer. Hileta mine. Shaft, 300 ft. Refractory ore. 650 tons; 300 days; 65 employes. Whim. R. Guenther, mine supt.

VETA GRANDE, Zacatecas. Tel. Ry. Zacatecas, 511.
Silv.—La Argentina Mining Co., San Luis Potosi. La Argentina mine. 5 shafts, deepest 400 ft. Silver. Refractory ore. 1,000 tons; 300 days; 80 employes.
Silver—C. A. Phelps & R. S. Lee, Sombrerete. Robert E. Lee claim. Silver. Refractory ore.

VILLALDAMA, Nuevo Leon. Ry. 513.
M.E.—R. L. Davies, Mining Engineer.
G.S.L.—Cia. Minera El Carmen. Jos. R. Livesey, pres.; Antonio de la Garza, secy.; F. H. Williams, asst. treas. Shafts, tunnels and open cuts. Gold, silver and lead ore. 45,000 tons; 550 employes. Operate Ry. R. L. Davies, M. E.
S.L.—Villecillo Mg. Co., N. York. Robert Arntz, administrador. Dolores, Don Jose and El Capitan mines. Silver and lead. 1,000 tons; 190 men. Steam. Crushers, rolls and concentrator.

VILLA DE OCAMPO, Coahuila.
Silv.—Cia. Minera Fundidora y Afinadora, Monterey. Santa Elma mine. Shafts and tunnels, 120 meters. Refractory ore. 7,000 tons; 100 employes. Jose Chiado, supt. J. P. Mason, M. E.

YERBANIS, Durango. Tel. Ry. 511.
G.S.—Col. Tomas Calderon, 5a Calle. de la Pila No. 103, Durango. Shaft and slopes, 180 and 190 ft. Gold and silver. 35 employes. Francisco Najera, M. E. (Developing.)

YOQUIVO, Chihuahua. Ry. Chihuahua, 510.
G.S.—Conquest Mining Co., Wisconsin and East Water sts., Milwaukee, Wis. San Francisco mine. Shaft, 250 ft. Tunnel, 1,500 ft. Free milling ore. 9,000 tons; 300 days; 150 employes. Steam. Concentrator, 3 tons daily cap'y. 30-stamp mill, 15 tons daily cap'y.

YNDE, Durango.
Iron—W. Benton. Francisco Carbagal, secy.; Guillermo S. Benton, treas. and M. E. Tunnel, 170 meters. Iron, lime and silica. 20,000 tons; 30 employes.

ZACATECAS, Zacatecas. Pop. 36,000. Tel. Ry. 510; 514.
M.E.—Ernest Frederick Ayton, Mining Engineer. (Manager's certificate of competency.)
G.S.—Bote Mining Co. James G. Wood, gen. mgr. (Private company.) Main office, Ipswich, Eng. Twelve shafts and tunnels. Gold and silver. Free ore. 25,000 tons; 300 days; 1,000 employes. 6 roller mills, 75 tons daily capacity. Tramway, ¾ mile. Ernest F. Ayton, M. E., mine supt.
Silv.—La Magdalena Mining Co. Magdalena mine and extensions. 3 shafts, 60, 140 and 150 ft. Silver. Free ore. 200 days; 20 employes. Antonio Urrutia, mine supt. (Developing.)
Silv.—Nuevo Rosario Mining Co. Nuevo Rosario mine and extensions. 2 shafts, 100 and 150 ft. Silver. Free ore. 200 days; 20 employes. Antonio Urrutia, mine supt. (Developing.)

ZACUALPAN, Mexico.
G.S.—San Luis (a) El Moral, Mexico. Tunnel, 40 metres. Gold and silver. 110 employes. Hand. Ramon de Caso, supt.

ZIMAPAN, Hidalgo. Tel.
B.Fur.—Testamentaria Martin Presbitero. Plaza Principal, No. 1. Blast furnace; iron; 6,000 tons; 30 employes.

ZIMATLAN, Oaxaca.
G.C.—Manuel Ortiz y Compania, Zimatlan de Alvarez. Frente al Mercado. Manuel Ortiz, pres.; Adrian Altamirno, secy.; Augustin Ortiz, treas. Gold and copper. Shafts and tunnels, 60 meters. 20 employes. Arrastre.

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MONTANA.

College of Montana, School of Mines, Deer Lodge, Montana. Department of Engineering; H. M. Lane, M. E., Consulting Engineer, professor of Mining and Metallurgy.

NEVADA.

University of Nevada, Carson City, Nevada. Department of Mines. Mining, Mineralogy, Metallurgy and Assaying. J. E. Stubbs, D. D., LL. D., President of University; R. D. Jackson, professor of Mining and Metallurgy.

PENNSYLVANIA.

Lehigh University, South Bethlehem, Pennsylvania; School of Technology. Mining Engineering, Mineralogy, Mining, Metallurgy, Geology. Degrees, B. S. M. and E. M. Henry Coppee, LL. D., Acting President; Benjamin W. Frazer, A. M., professor Mineralogy and Metallurgy; Edward H. Williams, Jr., B. A., E. M., professor Mining Engineering and Geology. R. Morris Gummere, Secretary Executive Committee Board of Trustees.

University of Pennsylvania, Philadelphia, Pa. Courses in Science and Technology of Towne Scientific School. Mineralogy, Mining, Metallurgy. Degree, B. Sc. Charles C. Harrison, A. M., Acting Provost of University, and President of the Faculty. Amos Peaslee Brown, Ph. D., instructor in Mining and Metallurgy; Edgar F. Smith, Ph. D., professor of Chemistry. Rev. Jesse Y. Burke, A. M., Secretary, office 114 College Hall, West Philadelphia.

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South Dakota State School of Mines, Rapid City, South Dakota. Mineralogy, Mining, Geology, Metallurgy. Degrees: B. Sc., M. E. Dr. V. T. McGillicuddy, President and Dean; Frank Clemes Smith, B. S., E. M., professor Geology and Metallurgy; William F. Tindall, A. R. S. M., instructor in Assaying and Metallurgy. Florenzo G. Hale, Secretary.

TENNESSEE.

Vanderbilt University, Nashville, Tennessee. Engineering Department. Mining Engineering. Grants degree E. M. James H. Kirkland, A. M., Ph. D., LL. D., Chancellor; Wm. L. Dudley, M. D., professor Chemistry and Metallurgy; Paul M. Jones, M. S., D. Sc., instructor in Geology; James M. Safford, M. D., Ph. D., professor of Mineralogy.

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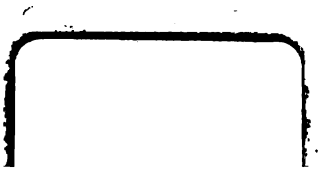
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